# BUCKMAN WELLS 10-13
# (RG-20516-S-10 THROUGH S-13)
# MONITORING PROGRAM
# BIENNIAL REPORT
# DECEMBER 2014

**prepared by**

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**and**

**CITY OF SANTA FE**
**Water Division**

**prepared for**

**New Mexico Office of the State Engineer**
**District VI Office, Santa Fe**

**December 26, 2014**

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## EXECUTIVE SUMMARY

As required by the Buckman Monitoring Program (BMP) document titled *Buckman Well Field Water-Level Monitoring Program Response to Condition of Approval No. 5, Permit No. RG-20516-S-10 thru RG-20516-S-13, City of Santa Fe*, this biennial report summarizes production and water-level data in the City of Santa Fe's Buckman Well Field, documents water-level data and trends for BMP wells, provides 10-year and 40-year drawdown projections for wells in the BMP area, and addresses Permit Conditions 6 and 7, which address whether a set of wells may go dry as a result of pumping Buckman Wells 10 through 13 (BW10-13) under permit RG-20516-S-10 through RG-20516-S-13.

Under RG-20516 et al., the City is permitted to pump 10,000 acre-feet per year (ac-ft/yr) from the Buckman Well Field, and under RG-20516-S-10 through RG-20516-S-13 permit, the City is permitted to pump 6,000 ac-ft/yr of the total permitted 10,000 ac-ft/yr from BW10-13. Although the City will need the full permitted diversion amounts under RG-20516 et al. to meet current and future water demands in years when surface water resources are not available, the City has also prepared a forecast for future pumping. Both the forecasted future pumping scenarios, and a worst-case scenario with the full permitted amounts, were used to project future water-level declines in the BMP area.

The NMOSE superposition groundwater flow model of the Santa Fe area was used to model historical drawdowns, which were compared to historical water-level data for BMP wells to validate the use of the model to estimate future drawdowns over the 40-year period for (1) BMP area wells and, (2) table 30-A and 30-B wells (wells specifically identified in Finding 30 of NMOSE Order HU No. 03-004). The analysis included a forecasted future pumping scenario (realistic) and the worst-case scenario (full permitted amounts).

Based on the analysis, none of the BMP database wells or table 30-A or 30-B wells are projected to go dry under the forecasted pumping scenario. Several wells are projected to go dry, or have water columns reduced to less than 30 percent within the 40-year period under the worst-case scenario.

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Appendix C. Ten- and 40-year water column projections for Buckman Monitoring Program database wells due to forecasted pumping (Scenario 2, model Layer 2)

# BUCKMAN WELLS 10-13 (RG-20516-S-10 THROUGH S-13) MONITORING PROGRAM BIENNIAL REPORT DECEMBER 2014

## 1.0 INTRODUCTION

As required by the Buckman Monitoring Program (BMP) document titled *Buckman Well Field Water-Level Monitoring Program Response to Condition of Approval No. 5, Permit No. RG-20516-S-10 thru RG-20516-S-13, City of Santa Fe*, this biennial report summarizes production and water-level data in the City of Santa Fe's Buckman Well Field, with a particular focus on Buckman Wells 10, 11, 12, and 13 (BW10-13), which were completed in 2003 (Fig. 1). This report also documents water-level data and trends for BMP wells.

Buckman Wells 1 through 9 (BW1-9) are permitted under New Mexico Office of the State Engineer (NMOSE) file number RG-20516 through RG-20516-S-9, and BW10-13 are permitted under NMOSE file numbers RG-20516-S-10 through RG-20516-S-13. The Buckman Well Field diversions and monitoring program water-level data summarized in this report are available in a Microsoft Excel spreadsheet on the City Water Division's web site, [http://www.santafenm.gov/buckman_wells_water_level_monitoring_program]. The spreadsheet contains:

1. Buckman Well Field production data in monthly time steps from 1981 through 2013;
2. water-level data collected by the City municipal water utility and by the U.S. Geological Survey (USGS) for the Buckman area;
3. graphs of water level changes over time.

### 1.1 Buckman Monitoring Program Requirements

To manage well field operations and to comply with RG-20516 et al. permit requirements, water-level data have been collected in the region for over 30 years. The water-level monitoring program was expanded with the permitting of BW10-13 in 2003. The current BMP area is a 50-square-mile area with a 4-mile radius centered at BW10-13 (see Fig. 1). The BMP requires water-level monitoring at specified wells in and around the BMP area at varying frequencies. BMP wells are listed in Table 1 and locations are shown on Figures 1 and 2.

**Table 1. Buckman Monitoring Program requirements**

| NMOSE ID | other ID (NMBGMR/USGS, if any) | name | monitoring frequency | comments and status |
|---|---|---|---|---|
| | EB269/355000106092802 | SF-2B | hourly | part of previous MP, USGS |
| | EB270/355000106092803 | SF-2C | hourly | part of previous MP, USGS |
| | EB265/355002106093701 | SF-3A | monthly | part of previous MP, USGS |
| | EB266/355002106093702 | SF-3B | monthly | part of previous MP, USGS |
| | EB267/355002106093703 | SF-3C | monthly | part of previous MP, USGS |
| | EB262/355003106094301 | SF-4A | monthly | part of previous MP, USGS |
| | EB263/355003106094302 | SF-4B | monthly | part of previous MP, USGS |
| | EB264/355003106094303 | SF-4C | monthly | part of previous MP, USGS |
| | EB261/355006106094803 | SF-5C | monthly | part of previous MP, USGS |
| | EB298/354731106072001 | Buckman deep piez. (SF-6A) | hourly | BW10-13 MP, download monthly, USGS |
| | EB299/354731106072002 | Buckman middle piez. (SF-6B) | hourly | BW10-13 MP, download monthly, USGS |
| | EB300/354731106072003 | Buckman shallow piez. (SF-6C) | hourly | BW10-13 MP, download monthly, USGS |
| | EB608/354228106044901 | Las Campanas deep piez. | hourly | BW10-13 MP, download monthly, USGS |
| | EB609/354228106044902 | Las Campanas middle piez. | hourly | BW10-13 MP, download monthly, USGS |
| | EB610/354228106044903 | Las Campanas shallow piez. | hourly | BW10-13 MP, download monthly, USGS |
| RG-20516-S-5 | EB478 | Buckman 1 | monthly | part of previous MP |
| RG-20516-S-6 | EB479 | Buckman 2 | monthly | part of previous MP |
| RG-20516-S | EB480 | Buckman 3 | monthly | part of previous MP |
| RG-20516-S-2 | EB481 | Buckman 4 | monthly | part of previous MP |
| RG-20516-S-3 | EB482 | Buckman 5 | monthly | part of previous MP |
| RG-20516-S-4 | EB483 | Buckman 6 | monthly | part of previous MP |
| RG-20516-S-7 | EB484 | Buckman 7 | monthly | part of previous MP |
| RG-20516-S-8 | EB485 | Buckman 8 | monthly | part of previous MP |
| RG-20516-S-9 | EB486 | Buckman 9 | monthly | part of previous MP |
| RG-20516-S-10 | EB487 | Buckman 10 | monthly | BW10-13 MP, measure daily production |
| RG-20516-S-11 | EB488 | Buckman 11 | monthly | BW10-13 MP, measure daily production |
| RG-20516-S-12 | EB489 | Buckman 12 | monthly | BW10-13 MP, measure daily production |
| RG-20516-S-13 | EB490 | Buckman 13 | monthly | BW10-13 MP, measure daily production |
| RG-21318 | EB288 | Skillet | monthly | part of previous MP |
| RG-439 | EB157 | Weil Corral | monthly | part of previous MP |
| RG-16681 | EB163 | Permit | monthly | part of previous MP |
| RG-6386 | EB160 | Tony's Windmill | semi-annual | BW10-13 MP |
| RG-29524 | EB085 | Las Dos 1 | semi-annual [a] | BW10-13 MP, access issues |
| RG-81860 | | Santa Fe Ranch | semi-annual [a] | BW10-13 MP, replaces RG-29524 Las Dos 1 |
| RG-25463 | EB287 | - | hourly | BW10-13 MP |
| RG-24584 | EB121 | - | semi-annual [b] | no access |
| RG-28112 | | - | semi-annual [b] | BW10-13 MP, replaces RG-24584 |
| RG-438 | EB251 | Midway Windmill | semi-annual | BW10-13 MP |
| RG-29723 | EB645 | USFS Well | semi-annual | BW10-13 MP |
| RG-30777 | EB064 | - | hourly | BW10-13 MP |
| RG-79512 | | - | semi-annual | BW10-13 MP |
| RG-93871 | | deep monitoring well | hourly | BW10-13 MP |

[a] Due to access and safety issues at RG-29524 (confined space in well vault), City has replaced RG-29524 with RG-81860 for semi-annual monitoring
[b] Access has not been granted at RG-24584, City has replaced RG-24584 with RG-28112 for semi-annual monitoring
NMOSE - New Mexico Office of the State Engineer
NMBGMR - New Mexico Bureau of Geology and Mineral Resources
USGS - U.S. Geological Survey
MP - monitoring program
BW10-13 MP - Buckman Wells 10 through 13 monitoring program
piez. - piezometer

Some changes and substitutions to the list of required monitoring wells have been necessitated by on-the-ground conditions. Water levels are measured at RG-81860 as an alternative to RG-29524 due to confined space entry issues at RG-29524. Water levels are measured at RG-28112 as an alternative to RG-24584, for which access has not been granted by the well owner. Water levels are measured at RG-79512 in order to fulfill the requirement that monitoring be performed at seven private 72-12-1 wells.

### 1.2 Buckman Monitoring Program Biennial Report Requirements

- Summarize RG-20516 production
- Summarize water-level trends in monitored wells
- 10-year and 40-year projection of water-level declines in monitored wells
- Projection of water-level declines for wells in the Monitoring Program area, or as specified in the RG-20516 permit
- 10-year and 40-year projections of water-level decline for one well near the western terminus of Tano Road Subdivision (currently met by making projections for well RG-77553 labeled “Tano” on maps)
- Starting/initial water columns in wells senior to RG-20516-S-10 through S-13 are to be determined from NMOSE Drillers’ Well Logs, actual static water-levels, site-specific studies, or a combination of these data
- Forecast whether remaining water column at the end of both projections will, in any monitored well, in any of the wells specifically identified in the Permit, or in any other senior well within BMP area, exceed 70 percent drawdown of the water column available at the initiation of monitoring program
- Map water-level trends in the monitored wells
- Post report and generalized map on-line for public access within 30 days of submittal to the NMOSE

### 1.3 Permit Conditions 6 and 7 Requirements

This BMP biennial report addresses Permit Conditions 6 and 7, which ensure access to water for well owners potentially impacted by the pumping of BW10-13. Permit Conditions 6 and 7 read as follows:

6. No water shall be diverted from wells RG-20516-S-10 through RG-20516-S-13 after December 31, 2010, until such time as the Permittee shall have furnished to the State Engineer such information and/or documents as the Engineer may find necessary to establish that any wells impacted under this Permit, including those wells identified in Table 30-A of Finding 30, will not go dry in 40 years, or that the owners of the right to beneficially use groundwater diverted from those wells have waived or released any claim of liability against the Permittee for impairment to such wells resulting from operations under this Permit, or that the Permittee has acquired the rights of such persons in such wells, or that the Permittee can and will, upon agreement of the well owners, supply water to such wells or the users thereof.
7. No water shall be diverted from wells RG-20516-S-10 through RG-20516-S-13 after December 31, 2043, until such time as the Permittee shall have furnished to the State Engineer such information and/or documents as the Engineer may find necessary to establish that any wells impacted under this Permit, including those wells identified in Table 30-B of Finding 30 of this Order, will not go dry due to Applicant's pumping authorized under this Permit, or that the owners or users of said wells have waived or released any claim of liability against the Permittee for injury resulting to such wells from operations under this permit, or that the Permittee has acquired the rights of such persons in such wells, or that the Permittee can and will supply water to such wells or the users thereof.

NMOSE Order HU No. 03-004, Finding 30, table 30-A lists wells that have the potential to go dry in 40 years as a result of BW10-13 pumping, and table 30-B lists wells that have the potential to go dry in 100 years as a result of BW10-13 pumping. All wells listed in table 30-A and table 30-B are included in Appendices B and C of this report.

## 2.0 BUCKMAN WELL FIELD (RG-20516 ET AL.) DIVERSIONS

### 2.1 Historical Diversions

A summary of Buckman Well Field diversions between 1981 and 2002 is presented in Table 2. Figures A1 through A14 in Appendix A present graphs showing historical Buckman Well field diversions and water levels. Between 1981 and 2002, total diversions from the Buckman Well Field ranged from 16 to 5,890 acre-feet per year (ac-ft/yr; Table 2). Under RG-20516 et al., the City is permitted to pump 10,000 ac-ft/yr from the Buckman Well Field.

**Table 2. Summary of Buckman Well Field diversions between 1981 and 2002**

| year | BW1, ac-ft | BW2, ac-ft | BW3, ac-ft | BW4, ac-ft | BW5, ac-ft | BW6, ac-ft | BW7, ac-ft | BW8, ac-ft | BW9, ac-ft | BW total, ac-ft |
|---|---|---|---|---|---|---|---|---|---|---|
| 1981 | 1,027 | **1,459** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,486 |
| 1982 | 579 | **695** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,274 |
| 1983 | **7** | **7** | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 1984 | 100 | **212** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 312 |
| 1985 | 459 | **671** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,130 |
| 1986 | 602 | **946** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,548 |
| 1987 | 544 | **897** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,442 |
| 1988 | 548 | **741** | 82 | 465 | 52 | 581 | 0 | 0 | 0 | 2,470 |
| 1989 | 563 | **1,272** | 261 | 1,049 | 146 | 1,260 | 0 | 0 | 0 | 4,551 |
| 1990 | 334 | 840 | 263 | 1,041 | 143 | **1,203** | 0 | 0 | 0 | 3,823 |
| 1991 | 203 | 554 | 181 | 645 | 103 | **820** | 302 | 378 | 0 | 3,185 |
| 1992 | 194 | 730 | 112 | 497 | 48 | **1,215** | 993 | 962 | 0 | 4,752 |
| 1993 | 693 | 735 | 139 | 647 | 141 | **1,222** | 1,070 | 962 | 0 | 5,610 |
| 1994 | 714 | 743 | 121 | 668 | 266 | **1,052** | 634 | 783 | 0 | 4,982 |
| 1995 | 945 | 825 | 352 | 765 | 384 | **1,009** | 831 | 779 | 0 | 5,890 |
| 1996 | 935 | 707 | 617 | 632 | 438 | **972** | 593 | 761 | 0 | 5,656 |
| 1997 | 925 | 816 | 507 | 453 | 139 | **1,031** | 498 | 347 | 0 | 4,715 |
| 1998 | 660 | 879 | 457 | 399 | 111 | **1,043** | 743 | 924 | 0 | 5,216 |
| 1999 | 625 | 842 | 416 | 353 | 0 | 994 | **1,159** | 891 | 0 | 5,279 |
| 2000 | 626 | 720 | 519 | 266 | 0 | 915 | **1,169** | 864 | 0 | 5,081 |
| 2001 | 716 | 490 | 436 | 354 | 0 | **1,037** | 1,033 | 678 | 0 | 4,743 |
| 2002 | 730 | 584 | 417 | 555 | 265 | **1,273** | 1,145 | 869 | 0 | 5,838 |

BW - Buckman Well
**bold** - indicates well with maximum diversion
ac-ft - acre-feet

### 2.2 Diversions Since 2003

A summary of Buckman Well Field diversions between 2003 and 2014 is presented in Table 3. Figures A1 through A14 in Appendix A present graphs showing historical Buckman Well field diversions and water levels. BW10-13 began producing water for the municipal utility between October and December 2003. Between 2003 and 2014, total diversions from the Buckman Well Field have ranged from less than 1,000 up to 5,823 ac-ft/yr (Table 3), and diversions from BW10-13 have ranged from about 100 up to 3,378 ac-ft/yr. Under RG-20516-S-10 through RG-20516-S-13 permit, the City is permitted to pump up to 6,000 ac-ft/yr of the total permitted 10,000 ac-ft/yr from BW10-13.

Demand for groundwater supply from the Buckman Well Field is inversely related to surface water availability. When the City has adequate supply from its surface water resources, groundwater is conserved. However, during drought conditions, groundwater pumping is needed to make up for shortfalls in surface water supply.

### 2.3 Forecasted Diversions

Although the City will need the full permitted diversion amounts under RG-20516 et al. to meet current and future water demands in years when surface water resources are not available, the City has prepared a forecast for future pumping from BW10-13 in which the four wells pump a total of 4,800 ac-ft/yr for five years out of each 20-year future period, and a total of 1,000 ac-ft/yr for the remaining 15 years in each 20-year future period. The diversion amount 4,800 ac-ft/yr is roughly equivalent to a constant pumping rate of 3,000 gallons per minute, which was documented as the combined yield for BW10-13 in the final report for the wells (Street and Finch, 2004). The diversion amount 1,000 ac-ft/yr is approximately equal to the average historical diversion from BW10-13 to date (Table 3). The forecasted diversions do not consider the worst case scenario in which catastrophic fires eliminate or greatly reduce surface water supplies, requiring the City to be wholly dependent on groundwater and potentially utilizing up to the total permitted 10,000 ac-ft/yr under RG-20516 et al.

**Table 3. Summary of Buckman Well Field diversions between 2003 and 2014**

| year | BW1, ac-ft | BW2, ac-ft | BW3, ac-ft | BW4, ac-ft | BW5, ac-ft | BW6, ac-ft | BW7, ac-ft | BW8, ac-ft | BW9, ac-ft | BW10, ac-ft | BW11, ac-ft | BW12 ac-ft | BW13, ac-ft | BW1-13 total, ac-ft | BW10-13 subtotal, ac-ft | BW10-13, percent of total | comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2003 | 508 | 540 | 338 | 386 | 234 | **1,188** | 987 | 780 | 292 | 0 | 251 | 259 | 60 | 5,823 | 570 | 10 | BW10-13 on-line between Oct and Dec |
| 2004 | 27 | 6 | 73 | 355 | 4 | 958 | 278 | 653 | 6 | 454 | 711 | 948 | **1,265** | 5,738 | 3,378 | 59 | |
| 2005 | 5 | 6 | 105 | 510 | 1 | 367 | **1,223** | 797 | 2 | 23 | 368 | 216 | 160 | 3,783 | 767 | 20 | |
| 2006 | 20 | 150 | 247 | 612 | 8 | **1,077** | 238 | 814 | 54 | 657 | 825 | 88 | 407 | 5,197 | 1,977 | 38 | |
| 2007 | 398 | 9 | 183 | 565 | 0 | 409 | **704** | 704 | 25 | 223 | 137 | 31 | 405 | 3,793 | 796 | 21 | |
| 2008 | 75 | 0 | 115 | 782 | 60 | 38 | 851 | **866** | 0 | 263 | 556 | 42 | 84 | 3,732 | 945 | 25 | |
| 2009 | 30 | 0 | 143 | 704 | 157 | **952** | 531 | 368 | 0 | 233 | 331 | 345 | 8 | 3,802 | 917 | 24 | |
| 2010 | 82 | 0 | 437 | 474 | 129 | **1,023** | 249 | 8 | 0 | 97 | 328 | 182 | 44 | 3,053 | 651 | 21 | |
| 2011 | 78 | 0 | 101 | 220 | 1 | **433** | 0 | 244 | 0 | 194 | 289 | 165 | 0 | 1,725 | 648 | 38 | |
| 2012 | 214 | 0 | 95 | 150 | 169 | **311** | 0 | 192 | 0 | 20 | 120 | 131 | 0 | 1,402 | 271 | 19 | |
| 2013 | **631** | 5 | 219 | 404 | 0 | 514 | 31 | 255 | 5 | 185 | 288 | 159 | 194 | 2,891 | 826 | 29 | |
| 2014 (thru Aug) | 17 | 0 | 66 | 27 | 29 | **83** | 54 | 0 | 71 | 0 | 30 | 41 | 26 | 444 | 96 | 22 | |
| 2003-2014 total | 2,085 | 716 | 2,122 | 5,188 | 792 | **7,354** | 5,146 | 5,682 | 455 | 2,349 | 4,234 | 2,606 | 2,653 | 41,382 | 11,842 | - | |
| 2003-2014 average | 174 | 60 | 177 | 432 | 66 | **613** | 429 | 473 | 38 | 196 | 353 | 217 | 221 | 3,449 | 987 | 29 | |
| average as percent of permitted amount | 2 | 1 | 2 | 4 | 1 | 6 | 4 | 5 | 0 | 2 | 4 | 2 | 2 | 34 | 10 | - | - |

BW - Buckman Well
**bold** - indicates well with maximum diversion
ac-ft - acre-feet

## 3.0 BUCKMAN MONITORING PROGRAM WATER-LEVEL TRENDS

### 3.1 Calculation of Water-Level Trends

This analysis of water-level trends focuses on an evaluation period from 2003 (when BW10-13 began pumping) to 2014. Water-level trends, presented as total drawdown during the evaluation period are shown in Table 4 and in Figure 2, and were calculated by subtracting the most recent non-pumping water level from the 2003 non-pumping water level (or earliest data point for wells for which pre-2004 data were not available). Positive numbers indicate a water-level rise and negative numbers represent a water-level decline.

### 3.2 Buckman Well Field

Although the effort was made to use only non-pumping water-level data in this analysis, water-level data from Buckman supply wells must be interpreted cautiously because non-pumping water levels reflect varying periods and degrees of recovery from pumping. The water-level datasets for these wells capture a range of conditions in and near the wells and not necessarily in the regional aquifer.

Non-pumping water levels in BW1-9 have been rising since 2003 as total Buckman Well Field pumping has been decreasing and approximately 30 percent of the total pumping has shifted to BW10-13 (Tables 3 and 4, Figs. 2, A2 through A10). Non-pumping water levels in BW10 and BW13 have declined since pumping began at BW10-13 in 2003 (Figs. A11 and A14). Non-pumping water levels in BW11 and BW12 indicate significant initial drawdowns when comparing the initial water-level measurements for the wells with subsequent non-pumping water-level data (Figs. A12 and A13).

Initial pumping likely removed an artesian head component at BW11 and BW12. The sonic log for BW11 indicated the top of saturation at 420 ft, but the initial non-pumping water level was measured near 280 ft or higher, indicating some artesian head (Street and Finch, 2004). The report states that “The combined pumping from Buckman Wells No. 10 through 13 will have some effect on the non-pumping water levels, particularly the artesian head component. The non-pumping water levels are assumed to decline by 140 ft under well field pumping conditions to 420 ft bgl.” Recent non-pumping water levels measured at BW11 are about 400 ft bgl.

Similarly, the final report and geophysical logs for BW12 indicate that the well appears to exhibit some artesian head (Street and Finch, 2004). The sonic log for BW12 indicated the top of saturation at 400 ft, but the initial non-pumping water level was measured near 260 ft or higher. Some artesian head appears to be present in the deepest part of the aquifer intermittently in the area spanning from Buckman piezometer south to BW12 (Fig. 2). This may be related to areas in which the channel-fill deposits of Lithosome S of the Tesuque Formation are overlain by claystone of Lithosome S or Lithosome B within certain fault segments (Fig. 3; Koning and Read, 2010). This is a characteristic unique to the deepest part of the aquifer within certain fault segments and is not representative of the aquifer as a whole, or the shallower part of the aquifer in which many of the BMP and domestic wells are completed. It should also be noted that well yields, as measured in 2011, were about 25 percent lower at BW11 and BW12 compared to BW10 and BW13 (Finch et al., 2012).

### 3.3 USGS Monitoring Wells

The USGS monitoring wells are non-pumping wells dedicated to water-level observation, which include piezometer nests that allow observation of water levels at multiple levels in the aquifer at six different locations (Figs. 2 and A15 through A20). Water levels have risen in 11 of the 15 piezometers monitored by USGS in and near the BMP area since 2003 (Table 3). The majority of the piezometers with water-level rises are in the vicinity of BW1-9, where pumping has decreased since 2003. Water-level rises were also observed in Las Campanas middle and deep piezometers. These data for Las Campanas piezometer bound the southern extent of drawdown in the middle and deep parts of the aquifer due to BW10-13 pumping.

The water levels in the USGS Buckman shallow, middle, and deep piezometers (SF-6C, B, and A, respectively) have declined since 2003 with significant initial drawdown in SF-6A when comparing the water-level data collected at the well between 2003 and 2006 to subsequent water-level data (Fig. A15). Water-level trends in SF-6A indicate a maximum water level decline of 104 ft since 2003 in a non-pumping observation well. Most of this drawdown occurred between 2003 and 2006, and, similar to initial drawdowns at BW11 and BW12 described in Section 3.2 above, likely represents the removal of the artesian head component in the deepest part of the aquifer within certain fault segments in the area between Buckman piezometer and BW12 (Fig. 2).

**Table 4. Water-level trends for Buckman Monitoring Program wells**

| NMOSE ID | other ID (NMBGMR/USGS, if any) | name | total depth, ft | points used to define water-level trend | | | | observed water-level change (+ rise / - decline), ft | 2003-2014 model Layer 1 model-simulated water-level change (+ rise / - decline), ft | 2003-2014 model Layer 2 model-simulated water-level change (+ rise / - decline), ft | comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | starting water level date | starting non-pumping water level, ft bgl | recent water level date | recent non-pumping water level, ft bgl | | | | |
| | EB269/355000106092802 | SF-2B middle piez. | 824 | 1/14/03 | 411.94 | 7/24/14 | 39.80 | 372.1 | 3.9 | 115.3 | |
| | EB270/355000106092803 | SF-2C shallow piez. | 346 | 1/14/03 | 233.84 | 7/24/14 | 55.20 | 178.6 | 3.9 | 115.3 | |
| | EB265/355002106093701 | SF-3A deep piez. | 294 | 1/14/03 | 185.73 | 7/24/14 | 7.27 | 178.5 | 3.9 | 115.3 | |
| | EB266/355002106093702 | SF-3B middle piez. | 169 | 1/14/03 | 17.99 | 7/24/14 | 6.83 | 11.2 | 3.9 | 115.3 | |
| | EB267/355002106093703 | SF-3C shallow piez. | 60 | 1/14/03 | 17.39 | 7/24/14 | 14.16 | 3.2 | 3.9 | 115.3 | |
| | EB262/355003106094301 | SF-4A deep piez. | 280 | 1/14/03 | 155.30 | 7/24/14 | 0.90 | 154.4 | 3.9 | 115.3 | |
| | EB263/355003106094302 | SF-4B middle piez. | 130 | 1/14/03 | 5.74 | 7/24/14 | 3.37 | 2.4 | 3.9 | 115.3 | |
| | EB264/355003106094303 | SF-4C shallow piez. | 60 | 1/14/03 | 12.78 | 7/24/14 | 9.75 | 3.0 | 3.9 | 115.3 | |
| | EB261/355006106094803 | SF-5C shallow piez. | 69 | 1/14/03 | 5.95 | 7/24/14 | 3.75 | 2.2 | 3.9 | 115.3 | |
| | EB298/354731106072001 | SF-6A (Buckman) deep piez. | 2,440 | 10/24/03 | 59.90 | 7/24/14 | 163.83 | -103.9 | -3.7 | 10.6 | |
| | EB299/354731106072002 | SF-6B (Buckman) middle piez. | 1,340 | 10/24/03 | 164.83 | 7/24/14 | 197.84 | -33.0 | -3.7 | 10.6 | |
| | EB300/354731106072003 | SF-6C (Buckman) shallow piez. | 480 | 10/24/03 | 186.56 | 7/24/14 | 198.84 | -12.3 | -3.7 | 10.6 | |
| | EB608/354228106044901 | Las Campanas deep piez. | 1,990 | 7/6/05 | 216.53 | 7/24/14 | 216.32 | 0.2 | -0.8 | -1.5 | |
| | EB609/354228106044902 | Las Campanas middle piez. | 1,320 | 7/6/05 | 262.92 | 7/24/14 | 251.71 | 11.2 | -0.8 | -1.5 | |
| | EB610/354228106044903 | Las Campanas shallow piez. | 450 | 7/6/05 | 278.70 | 7/24/14 | 280.09 | -1.4 | -0.8 | -1.5 | |
| RG-20516-S-5 | EB478 | Buckman 1 | 1,093 | 1/31/03 | 632.1 | 9/30/14 | 234.78 | 397.3 | 3.9 | 115.3 | |
| RG-20516-S-6 | EB479 | Buckman 2 | 1,473 | 1/31/03 | 483.65 | 9/30/14 | 93.26 | 390.4 | 27.1 | 99.2 | |
| RG-20516-S | EB480 | Buckman 3 | 1,490 | 1/31/03 | 642.25 | 9/30/14 | 177.94 | 464.3 | 27.1 | 99.2 | |
| RG-20516-S-2 | EB481 | Buckman 4 | 1,182 | 1/31/03 | 678.39 | 9/30/14 | 117.20 | 561.2 | 27.1 | 99.2 | |
| RG-20516-S-3 | EB482 | Buckman 5 | 1,154 | 1/31/03 | 652.98 | 9/30/14 | 187.78 | 465.2 | -0.6 | 42.1 | |
| RG-20516-S-4 | EB483 | Buckman 6 | 1,410 | 1/31/03 | 669.15 | 9/30/14 | 177.20 | 492.0 | 13.2 | 79.3 | |
| RG-20516-S-7 | EB484 | Buckman 7 | 1,409 | 1/31/03 | 758.42 | 9/30/14 | 234.05 | 524.4 | 3.9 | 115.3 | |
| RG-20516-S-8 | EB485 | Buckman 8 | 910 | 1/31/03 | 488.33 | 9/30/14 | 49.43 | 438.9 | 3.9 | 115.3 | |
| RG-20516-S-9 | EB486 | Buckman 9 | 1,320 | 11/30/03 | 669.50 | 9/30/14 | 228.70 | 440.8 | 13.2 | 79.3 | |
| RG-20516-S-10 | EB487 | Buckman 10 | 1,980 | 9/23/03 | 331.90 | 9/30/14 | 339.40 | -7.5 | -4.5 | 3.9 | |
| RG-20516-S-11 | EB488 | Buckman 11 | 1,900 | 7/24/03 | 271.10 | 9/30/14 | 398.85 | -127.8 | -6.1 | -3.6 | |
| RG-20516-S-12 | EB489 | Buckman 12 | 1,900 | 7/24/03 | 239.10 | 9/30/14 | 399.85 | -160.8 | -7.7 | -4.4 | |
| RG-20516-S-13 | EB490 | Buckman 13 | 1,980 | 7/23/03 | 296.40 | 9/30/14 | 315.32 | -18.9 | -5.8 | -3.6 | |
| RG-21318 | EB288 | Skillet | 1,700 | 1/31/03 | 219.00 | 9/30/14 | 200.30 | 18.7 | 1.2 | 57.5 | |
| RG-439 | EB157 | Weil Corral, Artesian | 325 | 1/31/03 | 264.00 | 9/30/14 | 171.55 | 92.5 | 13.2 | 79.3 | |
| RG-16681 | EB163 | Permit | 745 | 9/30/03 | 695.10 | 9/30/14 | 697.85 | -2.8 | -2.0 | 1.9 | |
| RG-6386 | EB160 | Tony's Windmill | 350 | 6/6/05 | 291.89 | 7/17/14 | 293.92 | -2.0 | -1.3 | -1.5 | |
| RG-29524 | EB085 | Las Dos 1 | 773 | 5/11/05 | 396.66 | - | - | - | -0.4 | -0.7 | access issues |
| RG-25463 | EB287 | - | 841 | 5/26/04 | 467.52 | 7/3/14 | 471.17 | -3.7 | -0.8 | -1.3 | |
| RG-438 | EB251 | Midway Windmill | 310 | 4/7/05 | 254.96 | 8/7/14 | 267.30 | -12.3 | -3.7 | 10.6 | table 30-A |
| RG-29723 | EB645 | USFS Well | 693 | 3/13/04 | 664.10 | 7/17/14 | 671.43 | -7.3 | -3.4 | -2.0 | table 30-A |
| RG-30777 | EB064 | - | 663 | 3/13/04 | 540.02 | 7/3/14 | 543.13 | -3.1 | -5.8 | -3.6 | |
| RG-28112 | | - | 701 | 1/21/09 | 548.31 | 7/17/14 | 550.00 | -1.7 | -0.6 | -1.1 | replaces RG-24584 |
| RG-79512 | | - | 800 | 1/21/09 | 499.63 | 7/17/14 | 501.39 | -1.8 | -0.6 | -1.1 | |
| RG-24584 | EB121 | - | 602 | 7/23/03 | 424.95 | - | - | - | -2.3 | -2.2 | no access |
| RG-81860 | | Santa Fe Ranch Barn Well | 695 | 7/2/13 | 370.66 | 7/17/14 | 370.54 | 0.1 | -1.8 | -2.0 | replaces RG-29524 Las Dos 1 |
| RG-93871 | | La Tierra Deep Mon. Well | 1,200 | 5/8/13 | 373.24 | 7/1/14 | 373.76 | -0.5 | -0.9 | -1.3 | |

NMOSE - New Mexico Office of the State Engineer
NMBGMR - New Mexico Bureau of Geology and Mineral Resources
USGS - U.S. Geological Survey
ft bgl - feet below ground level
table 30-A - Finding 30, NMOSE Order HU No. 03-004

Note that the shallow (< 100 ft deep) USGS piezometers close to the Rio Grande, including SF-3C, SF-4C, and SF-5C, have historically had water-level variations that correlate to stages in the Rio Grande, and thus are not reflective of the groundwater system evaluated in this report.

### 3.4 Other Buckman Monitoring Program Wells

Other BMP wells include several wells measured under the BW1-9 monitoring program (Skillet, Permit, Weil Corral), wells equipped and actively-pumped for stock watering use (Tony's Windmill, Midway Windmill, and RG-81860) and domestic use (RG-25463), and unequipped wells (USFS, RG-30777, RG-28112, RG-79512, and RG-93871 (La Tierra Deep Monitoring Well); Figs. 1 and 2).

Water levels have generally declined by a total of 2 to 12 ft in the other BMP wells during the evaluation period 2003 to 2014 (Table 3, Figs. 2, A21 through A39). The hydrographs for RG-21318 Skillet Well and RG-439 Weil Corral show increases in water levels since 2003 (Figs. A40 through A43).

### 3.5 Interpretation of Water-Level Trends

Figure 2 presents water-level trends in terms of total water-level decline (or rise) during the evaluation period 2003 to 2014. Total water-level declines during the evaluation period are contoured in Figure 2.

#### 3.5.1 Pumping Wells

Non-pumping water levels in BW1-9 have risen by 390 to 561 ft during the evaluation period 2003 to 2014, and have recovered to near-pre- pumping levels in BW2, BW4, BW7, and BW8 (Figs. 2, and A2 through A10). BW1-9 water levels have remained relatively stable in the last few years.

Non-pumping water levels in BW10 and BW13 have declined during the evaluation period, as pumping began at BW10-13 in 2003 (Fig. 2). Declines were 8 to 19 ft in BW10 and BW13, whereas declines were 128 to 161 ft in BW11 and BW12 during the evaluation period. The much larger declines in BW11 and BW12 primarily represent initial removal of the artesian head component observed at BW11 and BW12. As discussed in Section 3.2, the artesian head component at BW11 and BW12 is unique to the deepest part of the aquifer within certain fault segments and is not representative of the aquifer as a whole, or the shallower part of the aquifer in which many of the BMP and domestic wells are completed.

### 3.5.2 Zone of Influence

A total water-level decline of about 7 ft during the evaluation period at the USFS Well RG-29723 helps to define the limits of drawdown in the Caja del Rio horst block to the west of BW10-13 (Fig. 2). A 7-ft water-level decline over the 12-year evaluation period equates to an average decline rate of 0.6 feet per year (ft/yr).

Water-level declines of 2 ft or less at Las Campanas piezometer, RG-28112, RG-79512, and Tony's Windmill illustrate the southern and eastern extent of significant drawdown (Fig. 2). Significant drawdown is defined here as 2 ft over the 12-year evaluation period, which equates to an average decline rate of about 0.2 ft/yr; this average rate is significantly lower than the average regional decline rate documented in the area. In the NMOSE Order HU No. 03-004, the hearing examiner accepted testimony from NMOSE hydrologist Andy Core that regional water-level changes prior to the granting of and the pumping from the BW10-13 well permit range from 0.89 ft/yr rise and 7.41 ft/yr decline with an average regional decline rate of 1.18 ft/yr (Finding 27).

Water-level trends in the Buckman deep piezometer (SF-6A) indicate a maximum water level decline of 104 ft in a non-pumping observation well during the evaluation period 2003 to 2014. Most of this drawdown occurred between 2003 and 2006, and likely represents the removal of the artesian head component in the deepest part of the aquifer within certain fault segments in the area between Buckman piezometer and BW12 (Fig. 2). This is a characteristic unique to the deepest part of the aquifer within certain fault segments and is not representative of the aquifer as a whole, or the shallower part of the aquifer in which many of the BMP and domestic wells are completed. Water-level declines of 12 ft in Midway Windmill and Buckman shallow piezometer (SF-6C) are likely more representative of maximum water level declines during the evaluation period in the shallower part of the aquifer in which many of the BMP and domestic wells are completed.

### 3.5.3 Groundwater-Elevation Contours

Groundwater-elevation contours representative of the regional aquifer beneath the BMP area were prepared for years 2003 (Fig. 4) and 2014 (Fig. 5). Year 2003 represents groundwater-elevation contours before BW10-13 began pumping, and year 2014 represents current pumping conditions that include BW10-13. Direction of regional groundwater flow in the BMP area has generally been northeast toward BW1-9 and the Rio Grande. The contours indicate flatter

hydraulic gradient in the vicinity of Buckman piezometer and BW10, and southeast of BW13. The observed differences between the 2003 and 2014 flow fields reflect the removal of the artesian head component at BW11 and BW12 (5,900 and 6,000 ft amsl contours shifted to the southeast) and approximately 500 ft of water-level recovery at BW1-9.

## 4.0 GROUNDWATER FLOW MODEL ANALYSIS

### 4.1 Model Set-Up

The NMOSE revised superposition version of the McAda-Wasiolek (1988) groundwater flow model of the Santa Fe area (Core, 1996; Barroll and Keyes, 2005) was provided to John Shomaker & Associates, Inc. (JSAI) by NMOSE in September 2014. A Groundwater Vistas 6 (ESI, 2011) model file was provided for the revised superposition model with no pumping in the model file, and 100 one-year-long (31,557,600 seconds) stress periods. JSAI geo-referenced the model in Groundwater Vista 6 with a model origin (lower left corner) of X = 378,489 m, Y = 3,932,124 m, UTM83 Z13 (X = 1,241,760 ft, Y = 12,900,644 ft, UTM83 Z13), with no rotation of the model grid.

JSAI imported BW1-13, USGS monitoring wells, other BMP wells, and BMP database wells as observations wells in model Layer 1 and model Layer 2. JSAI prepared pumping files including historical BW1-13 pumping from 1981 through August 2014 and various future pumping scenarios through the end of 2054, for import into Groundwater Vistas. BW1-13 pumping was distributed equally in model Layer 1 and model Layer 2, as in the NMOSE well file that was included in the set of MODFLOW files also provided by NMOSE in September 2014.

### 4.2 Comparison to Observed Data

Model-simulated historical drawdown since 1981 due to BW1-13 pumping was plotted on water-level hydrographs in Appendix A. In order to plot model-simulated drawdown on hydrographs and compare to observed water levels, drawdown was fixed to an estimated starting water level for each well. Model-simulated historical water-level changes between 2003 and 2014 are presented in Figure 6 (model Layer 1) and Figure 7 (model Layer 2).

The model is inadequate for simulation of drawdown in pumping wells near the Rio Grande (BW1-9; Figs. A2 through A10), as the model likely simulates more water contributing from the river package in model Layer 1 and less from groundwater storage than actual. It should be noted that BW1, BW7, and BW8 plot within river cells (model cell dimensions are uniformly 1 mile by 1 mile), as do USGS monitoring wells SF-2(B,C), SF-3(A,B,C), SF-4(A,B,C), and SF-5C. As noted previously, shallow USGS piezometers SF-3C, SF-4C, and SF-5C, have historically had water-level variations that correlate to stages in the Rio Grande; thus, observed water levels for these piezometers should not be compared to model-simulated drawdown in model Layer 2 (Figs. A18 through A20).

Model-simulated drawdown in model Layer 2 tracks relatively closely to pumping and non-pumping water-level data for BW10-13 (Figs. A11 through A14); however, the model does not simulate the effects on the artesian head component at BW11, BW-12, or the Buckman piezometer (Figs. A12, A13, and A15). Model-simulated drawdown in model Layer 1 tracks relatively closely to water-level data in other BMP wells located farther from the river (Figs. A16, and A21 through A39).

The most recent water-level measurements for Midway Windmill suggest that water level declines may be increasing there, but more data are needed to determine whether this is a persistent trend. Based on field notes taken at the time of water-level data collection at the well in 2013 and 2014, it appears that water levels fluctuate at the well by up to 5 ft within a 10-minute period. It is unknown whether these fluctuations are related to recovery from a recent pumping cycle or other factors. Midway Windmill is equipped with a pump for stock use; the well also plots on an inferred south-southwest striking normal fault that passes near BW10.

Model-simulated drawdown has not tracked water-level trends since 1994 at Skillet well (Fig. A40). There has been very little recovery of water levels at Skillet well as a result of cessation of BW1-9 pumping. Skillet well is located north of the BMP area and northeast of BW1-9, and was completed to a depth of 1,700 ft in 1972; water-level declines in the well may reflect local hydrogeologic conditions that are not representative of the BMP area. The well record for Skillet well indicates “semi-artesian” conditions, possibly similar to BW11, BW12, and Buckman deep piezometer, and as noted above the model does not simulate the effects on the artesian head component.

### 4.3 Use of Buckman Monitoring Program Database Wells

JSAI imported BMP database wells as observations wells in model Layer 1 and model Layer 2. Model-simulated future drawdowns were used for water-level projections for the database wells. Projections could only be made for database wells for which depth-to-water and total depth information are available. Projections for BMP database wells are presented in Appendices B and C.

According to the requirements for the biennial report, one well from the Tano Road area is also included in Appendix B and C tables. The Tano Road area well, RG-77553, is located near the western boundary of the Tano Road area. RG-77553 was completed in T17N.R09E.04 in 2002, and drilled to a total depth of 900 ft. This well was selected for projections because the location has been verified (June 19, 2008 email from J.M. Smith), and the well record from 2002 likely gives a realistic estimate of the water column in the well around the time BW10-13 began pumping.

### 4.4 Model-Simulated Future Drawdown Effects

Ten-year (2015 to end of 2024) and 40-year (2015 to end of 2054) model-simulated future drawdowns were used for water-level projections for wells in the BMP area. Model-simulated drawdowns are larger in model Layer 2 than model Layer 1, so in order to take a conservative approach, drawdowns in Layer 2 were used for projections. Model-simulated future drawdowns under three different pumping scenarios were considered in the current study.

#### 4.4.1 Scenario 1 Full RG-20516 el al. Permit

To evaluate the worst-case scenario, future pumping of the full permitted diversion amounts under RG-20516 et al. was simulated, with a total of 6,000 ac-ft/yr distributed equally among BW10-13, and a total of 4,000 ac-ft/yr distributed equally among BW1-9. This worst-case scenario is referred to as Scenario 1 in this report. Model-simulated water-level declines under Scenario 1 are presented in Figure 8 for the 10-year period, and in Figure 9 for the 40-year period. Water-level projections for wells in the BMP area under Scenario 1 are presented in Appendix B.

### 4.4.2 Scenario 2 Forecasted Demand From RG-20516 et al.

The City has prepared a forecast for future pumping from BW10-13 in which the four wells pump a total of 4,800 ac-ft/yr for five years out of each 20-year future period, and a total of 1,000 ac-ft/yr for the remaining 15 years in each 20-year future period, with pumping distributed equally among the four wells. A total of 4,000 ac-ft/yr is distributed equally among BW1-9. This forecast pumping scenario is referred to as Scenario 2 in this report, and is considered a realistic pumping scenario in contrast to the worst-case Scenario 1. Model-simulated water-level declines under Scenario 2 are presented in Figure 10 for the 10-year period, and in Figure 11 for the 40-year period. Water-level projections for wells in the BMP area under Scenario 2 are presented in Appendix C.

### 4.4.3 Baseline RG-20516 Scenario

In order to compare future Scenarios 1 and 2 to a future baseline scenario (i.e. what the City can divert from Buckman Well Field under existing permits granted prior to RG-20516-S-10 through RG-20516-S-13), future pumping of the full permitted diversion amount of 10,000 ac-ft/yr from BW1-9 was simulated. The total of 10,000 ac-ft/yr was distributed equally among BW1-9 in this future baseline scenario. Differences between model-simulated drawdowns for the 40-year period under Scenario 1 compared to baseline are presented in Figure 12, and under Scenario 2 compared to baseline are presented in Figure 13.

This future baseline scenario is not used in the projection of future drawdowns in this biennial report. Figures 12 and 13 are presented to aid in the reader's understanding of the difference between future pumping based on RG-20516-S-10 through RG-20516-S-13 (Scenarios 1 and 2), and a future baseline scenario representing existing permits granted prior to RG-20516-S-10 through RG-20516-S-13.

## 5.0 COMPLIANCE WITH PERMIT RG-20516-S-10 THROUGH RG-20516-S-13

### 5.1 NMOSE Review of 2012 Report

In a letter dated July 3, 2014, NMOSE Hydrology Bureau evaluated and provided comments on the City's previous Buckman Monitoring Program biennial report prepared in November 2012 (City of Santa Fe and Glorieta Geoscience, Inc., 2012). The NMOSE's summary of their evaluation included the following three points:

- Although we recognize that the 10- and 40-year projections are required by the monitoring plan and provide useful information, the trend analysis lacks interpretive meaning for anticipating pumping the wells at the permitted level.
- We think the analysis of the historical regional rate of decline is interesting, but is not appropriate to use for determining the background rate of decline in all areas within the Buckman monitoring program. Additionally, the timing, rates, and locations of pumping need to be considered when interpreting the pre- and post-2002 rates of decline.
- If Permit Conditions 6 and 7 are to be satisfied, an analysis is needed that considers what the impacts might be on wells in Tables 30-A and 30-B based on the full permitted diversion of 6000 afy from Buckman wells 10-13. This analysis would utilize the previously collected water-level data and pumping data and would involve some additional groundwater modeling.

In order to address NMOSE's comments and permit conditions, the City has used the NMOSE superposition model of the Santa Fe area and has simulated future pumping at the full permitted diversion amounts under RG-20516 et al. (Scenario 1) in the current study. In addition, the City has used the NMOSE superposition model to simulate historical BW1-13 pumping and drawdown effects, and compared model results to observed water-level changes. Simulating historical BW1-13 pumping allows for consideration of the timing, rates, and locations of pumping when interpreting pre- and post-2002 water-level changes. To meet the requirements of Permit Conditions 6 and 7, the City has evaluated the worst-case scenario of future pumping at the full permitted diversion amounts (Scenario 1) and model-simulated drawdown effects in model Layer 2 for water-level projections over the 10- and 40-year periods for wells included in Tables 30-A and 30-B of Finding 30, NMOSE Order HU No. 03-004.

### 5.2 Buckman Monitoring Program

The City is in compliance with the BMP through ongoing water-level monitoring, maintenance of the BMP database of wells and permits, reporting of BW1-13 diversion data and BMP water level data, and submittal of this biennial report.

To remain in compliance with the BMP, this biennial report identifies all BMP area wells for which water columns are projected to be reduced to less than 30 percent over the 10-year or 40-year periods due to pumping at the full permitted diversion amounts (future pumping Scenario 1) or based on forecasted demand (future pumping Scenario 2).

Appendix B presents projected 10-year and 40-year drawdowns for BMP area wells under future pumping Scenario 1, and Appendix C presents projected drawdowns for these wells under future pumping Scenario 2. Table 5 summarizes BMP area wells for which water columns are projected to be reduced to less than 30 percent over the 10-year or 40-year periods.

### 5.3 Permit Conditions 6 and 7

This biennial report addresses Permit Conditions 6 and 7 by identifying any Table 30-A and 30-B wells that may be go dry over the 40-year period due to pumping at the full permitted diversion amounts (future pumping Scenario 1) or based on forecasted demand (future pumping Scenario 2).

The table 30-A and 30-B wells are wells specifically identified in Finding 30 of NMOSE Order HU No. 03-004 as potentially going dry in 40 years (table 30-A) or 100 years (table 30-B) as a result of the RG-20516-S-10 through RG-20516-S-13 permit. Appendix B presents projected 10-year and 40-year drawdowns for table 30-A and 30-B wells under future pumping Scenario 1, and Appendix C presents projected drawdowns for these wells under future pumping Scenario 2. Table 5 summarizes BMP area wells, including any table 30-A or 30-B wells, for which water columns are projected to be reduced to less than 30 percent over the 10-year or 40-year periods.

**Table 5. Ten- and 40-year projections for Buckman Monitoring Program area wells for which water columns are projected to be reduced to less than 30 percent (see Appendices B and C for projections for additional BMP database wells)**

| **NMOSE ID** | **RG-6386** | **RG-438** | **RG-29723** | **RG-30777** | **RG-89212 POD1** | **-** |
|---|---|---|---|---|---|---|
| **other ID (NMBGMR/USGS, if any)** | **EB160** | **EB251** | **EB645** | **EB064** | **-** | **M-18** |
| **well name** | **Tony's WM** | **Midway WM** | **USFS Well** | **-** | **-** | **-** |
| total depth, ft | 350 | 310 | 693 | 663 | 700 | 560 |
| starting water level date | 7/17/14 | 8/7/14 | 7/17/14 | 7/3/14 | 1983 | 1961 |
| starting water level, ft bgl | 293.92 | 267.30 | 671.43 | 543.13 | 580 | 524 |
| starting water column, ft | 56 | 43 | 22 | 120 | 120 | 36 |
| Scenario 1 full permit (model Layer 2) percent water column remaining after 10 yrs | 59 | **0** | **0** | 32 | 32 | 51 |
| Scenario 1 full permit (model Layer 2) percent water column remaining after 40 yrs | **29** | **0** | **0** | **14** | **14** | **11** |
| Scenario 2 forecast (model Layer 2) percent water column remaining after 10 yrs | 89 | 55 | 60 | 87 | 87 | 75 |
| Scenario 2 forecast (model Layer 2) percent water column remaining after 40 yrs | 80 | 38 | 34 | 83 | 83 | 58 |
| comments | | table 30-A | table 30-A | | | |

NMOSE - New Mexico Office of the State Engineer
NMBGMR - New Mexico Bureau of Geology and Mineral Resources
USGS - U.S. Geological Survey
**bold** - less than 30 percent water column remaining
table 30-A - Finding 30, NMOSE Order HU No. 03-004
ft bgl - feet below ground level

## 6.0 CONCLUSIONS

- No table 30-A or 30-B wells or BMP database wells are projected to go dry under Scenario 2, the forecasted pumping scenario (Appendix C).
- Two table 30-B wells, Midway Windmill and USFS Well, are projected to go dry within the 40-year period due to pumping at the full permitted diversion amounts under Scenario 1 (Table 7).
- Four additional wells from the BMP database, Tony's Windmill, RG-30777, RG-89212-POD1, and M-18, are projected to have water columns reduced to less than 30 percent within the 40-year period due to pumping at the full permitted diversion amounts under Scenario 1. Tony's Windmill is located about 3.5 miles east of BW10 and BW11 and has a starting water column of 56 ft. Wells RG-30777 and RG-89212-POD1 are located within 0.5 mile east of BW13 and both have a starting water column of 120 ft. Well M-18 referenced from Mourant (1980), is located about 1.9 miles east of Midway Windmill, likely drilled for livestock watering use, and had a starting water column of 36 ft in 1961. Note that wells RG-89212-POD1 and M-18 have not yet been field-verified in terms of their existence, completion, and location.
- It should be noted that Midway Windmill is also projected to go dry, and M-18 projected to have water column reduced to less than 30 percent, within the 40-year period under the baseline pumping scenario (10,000 ac-ft/yr from BW1-9).
- No table 30-A wells are projected to go dry within the 40-year period due to pumping at the full permitted diversion amounts under Scenario 1 (Appendix B).
- After 40 years, Tano Road area well RG-77553 is projected to have 97 percent of its starting water column under Scenario 1 (full permitted diversion). Water-level declines in the Tano Road area are projected to be 10 ft or less over the 40-year period due to Buckman Well Field pumping (Fig. 9).
- The City has addressed NMOSE comments on the 2012 biennial report and Conditions 6 and 7 by using the NMOSE superposition model to simulate BW1-13 pumping and drawdown effects, and using drawdown results from Scenario 1 (full permitted diversion amounts) in model Layer 2 to project water-level declines over the 40-year period.
- Additional drawdown over the 40-year period in the BMP area under the Scenario 2 forecasted pumping scenario is projected to be minimal in comparison to the baseline scenario (Fig. 13). The baseline scenario simulates 10,000 ac-ft/yr from BW1-9 as permitted prior to RG-20516-S-10 through RG-20516-S-13, whereas Scenario 2 forecasts annual diversions ranging from 5,000 to 8,800 ac-ft/yr (4,000 ac-ft/yr from BW1-9 and 1,000 to 4,800 ac-ft/yr from BW10-13).

## 7.0 RECOMMENDATIONS

- Continued monitoring at Midway Windmill, USFS Well, Tony's Windmill, and RG-30777 will help the City ensure that the wells maintain sufficient water columns under actual Buckman Well Field pumping conditions to remain in compliance with RG-20516 permit requirements.

- RG-89212-POD1 and M-18 need to be field-verified in terms of their existence, completion, and location. RG-89212-POD1 is reported to be very close to RG-30777, with a similar completion as RG-30777.

- The City may work towards installing a transducer to record hourly water-level measurements in actively-pumped stock well Midway Windmill. The most recent water-level measurements for Midway Windmill suggest that water level declines may be increasing there, but more data are needed to determine whether this is a persistent trend. Based on field notes taken at the time of water-level data collection at the well in 2013 and 2014, it appears that water levels fluctuate at the well by up to 5 ft within a 10-minute period. It is unknown whether these fluctuations are related to recovery from a recent pumping cycle or other factors; transducer data would help with identification of water-level fluctuations and trends in the well, and potential factors influencing water-level fluctuations and trends in the well.

## 8.0 REFERENCES

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McAda, D.P., and Wasiolek, M., 1988, Simulation of the regional geohydrology of the Tesuque aquifer system near Santa Fe, New Mexico: U.S. Geological Survey Water-Resources Investigations Report 87-4056, 71 p. plus figures and maps.

# ILLUSTRATIONS

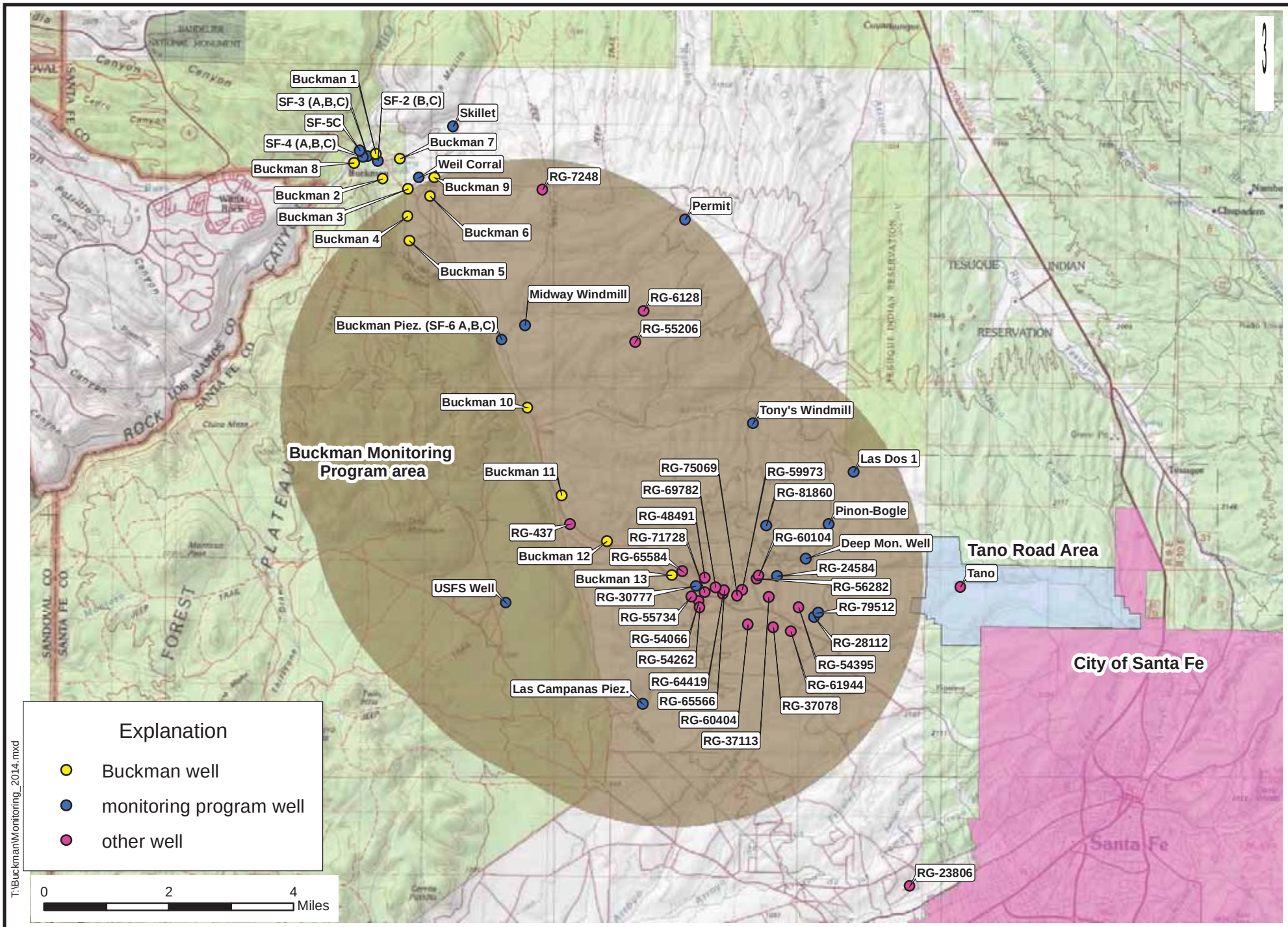



Figure 1. Map showing Buckman Monitoring Program area and Tano Road area, and selected wells.

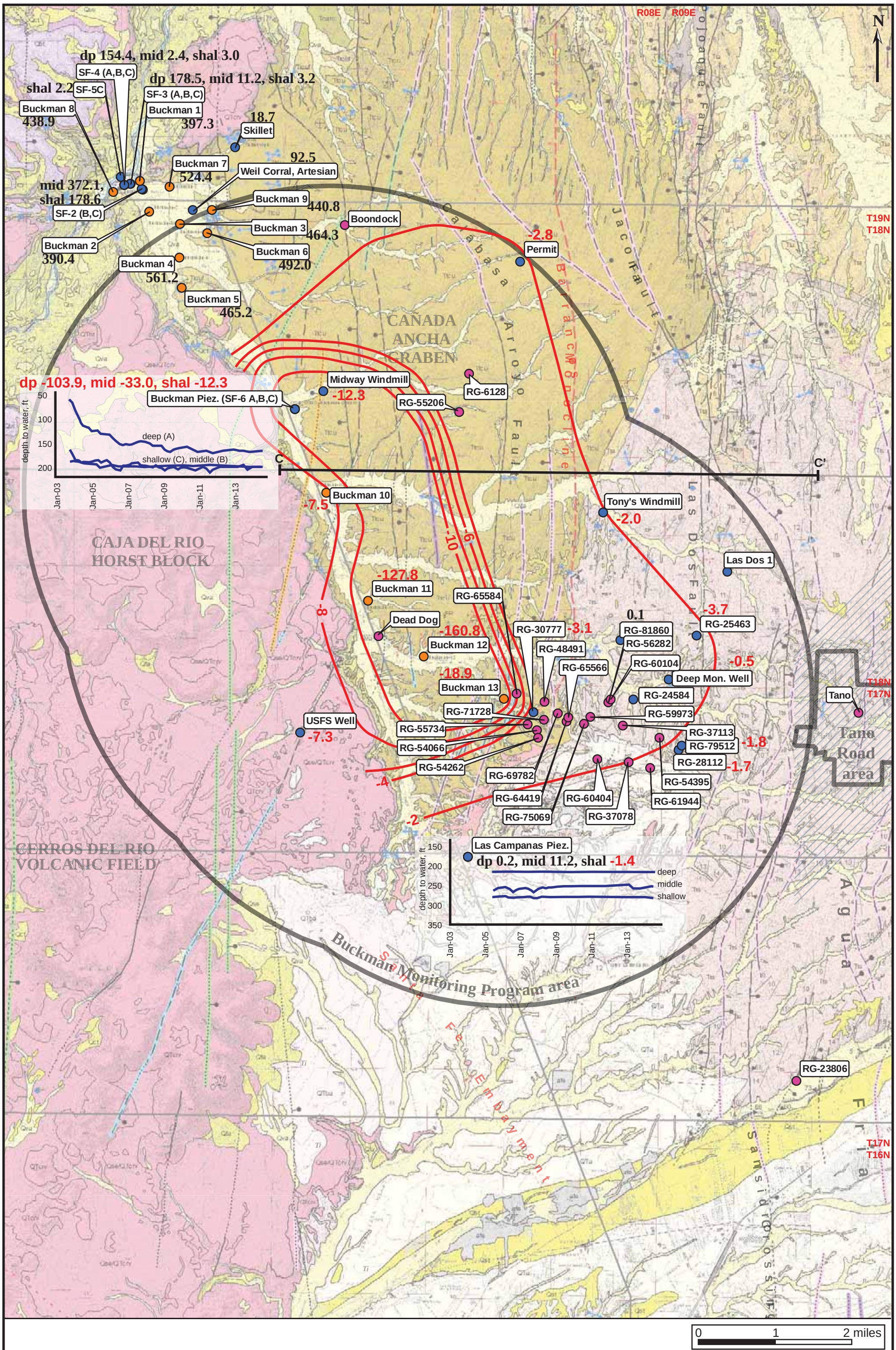
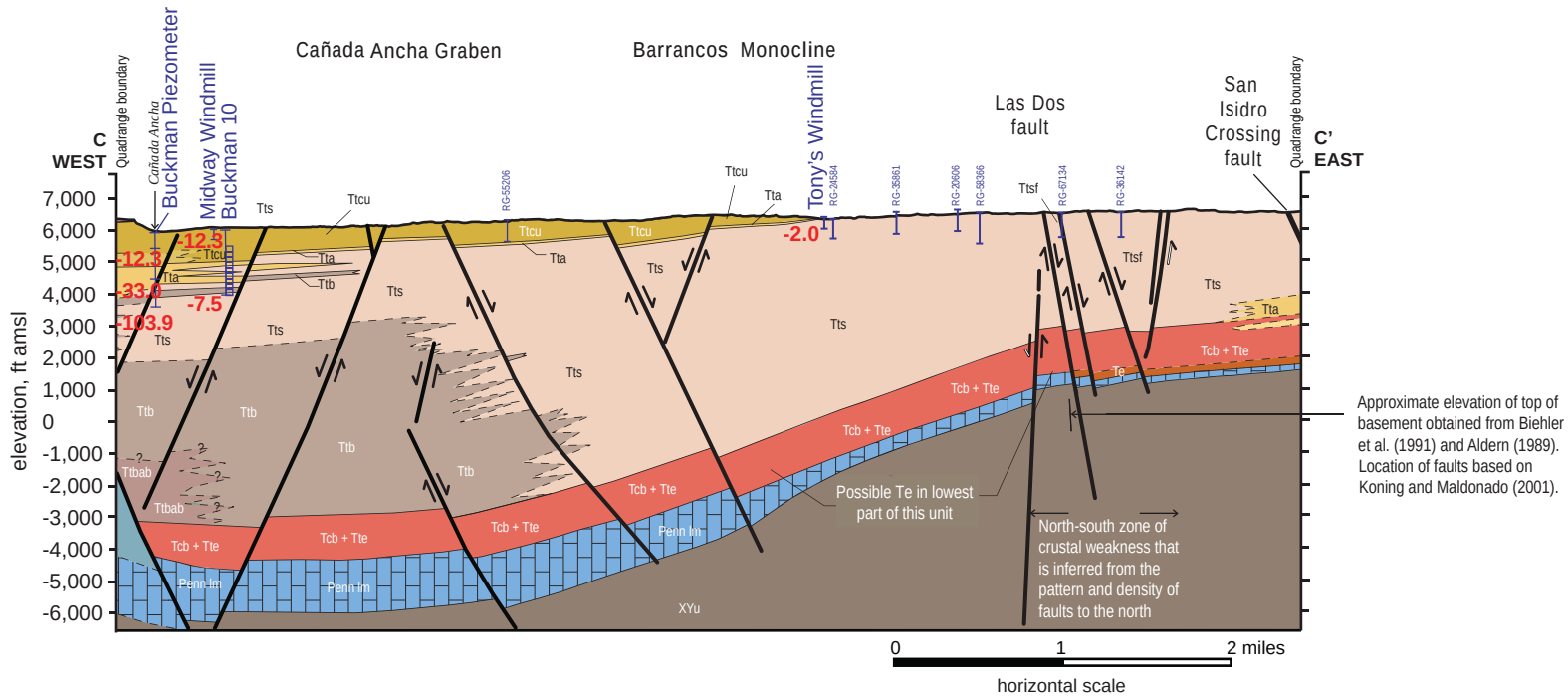



Figure 2. Geologic map (Koning and Read, 2010) showing Buckman Monitoring Program wells, other selected wells, and water-level changes measured between 2003 and 2014, in feet. See Figure 3 for explanation of geologic units, lines, and symbols.




## EXPLANATION

**QUATERNARY-AGE DEPOSITS**

- Qse sheetflood deposits, minor eolian sediment
- Qls landslide deposits
- Qct colluvium and talus
- Qfa alluvial fan deposits
- Qva valley-fill alluvium
- Qst stream terrace deposits
- Qbt Tshirege Member of the Bandelier Tuff

**QUATERNARY- TO TERTIARY-AGE DEPOSITS**

- QTcrv Cerros del Rio volcanic rocks
- QTbt basaltic tephra
- QTa Ancha Formation

**TERTIARY-AGE TESUQUE FM.**

- Ttcu/Ttcuf Cuarteles Member of Tesuque Formation
- Tta Lithosome A of Tesuque Formation
- Ttb Lithosome B of Tesuque Formation
- Tts Lithosome S of Tesuque Formation
- Ttbab interbedded Lithosome A&B of Tesuque Fm.
- Tcb + Tte Cieneguilla/Lithosome E of Tesuque Fm.

**PALEOZOIC**

- Penn lm undifferentiated Pennsylvanian limestone

**PROTEROZOIC**

- XYu undifferentiated units

- Buckman well
- monitoring program well
- other well
- fault
- monitoring program area
- water-level decline contour, ft/yr
- -1.0 water-level decline, ft
- 0.1 water-level rise, ft

Figure 3. West-east geologic cross-section C-C' (Koning and Read, 2010) showing selected Buckman Monitoring Program wells, water-level changes measured between 2003 and 2014, and explanation of geologic units and map symbols.

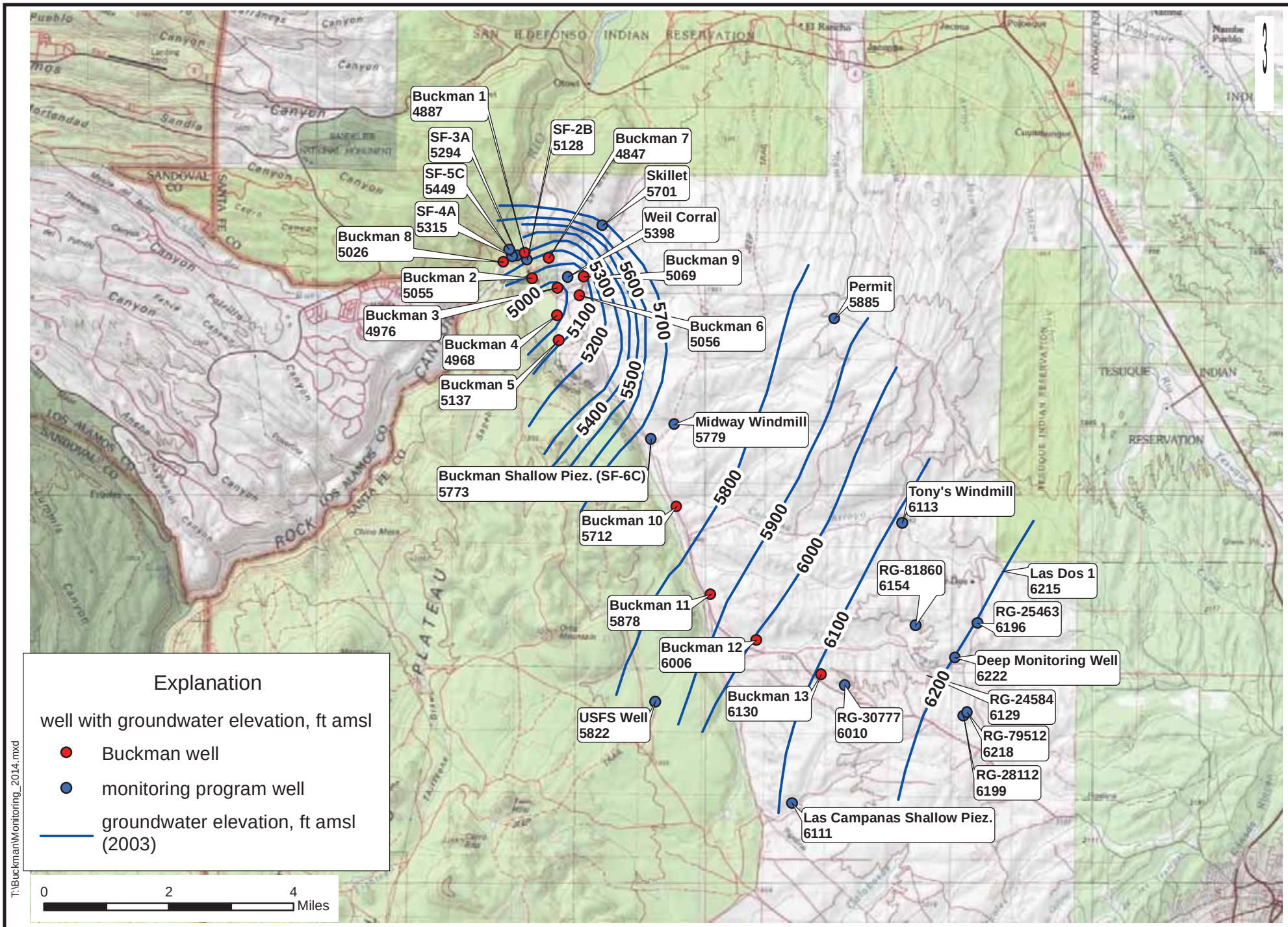



Figure 4. Map showing 2003 groundwater-elevation contours for the regional aquifer in the Buckman Monitoring Program area, Santa Fe County, New Mexico.

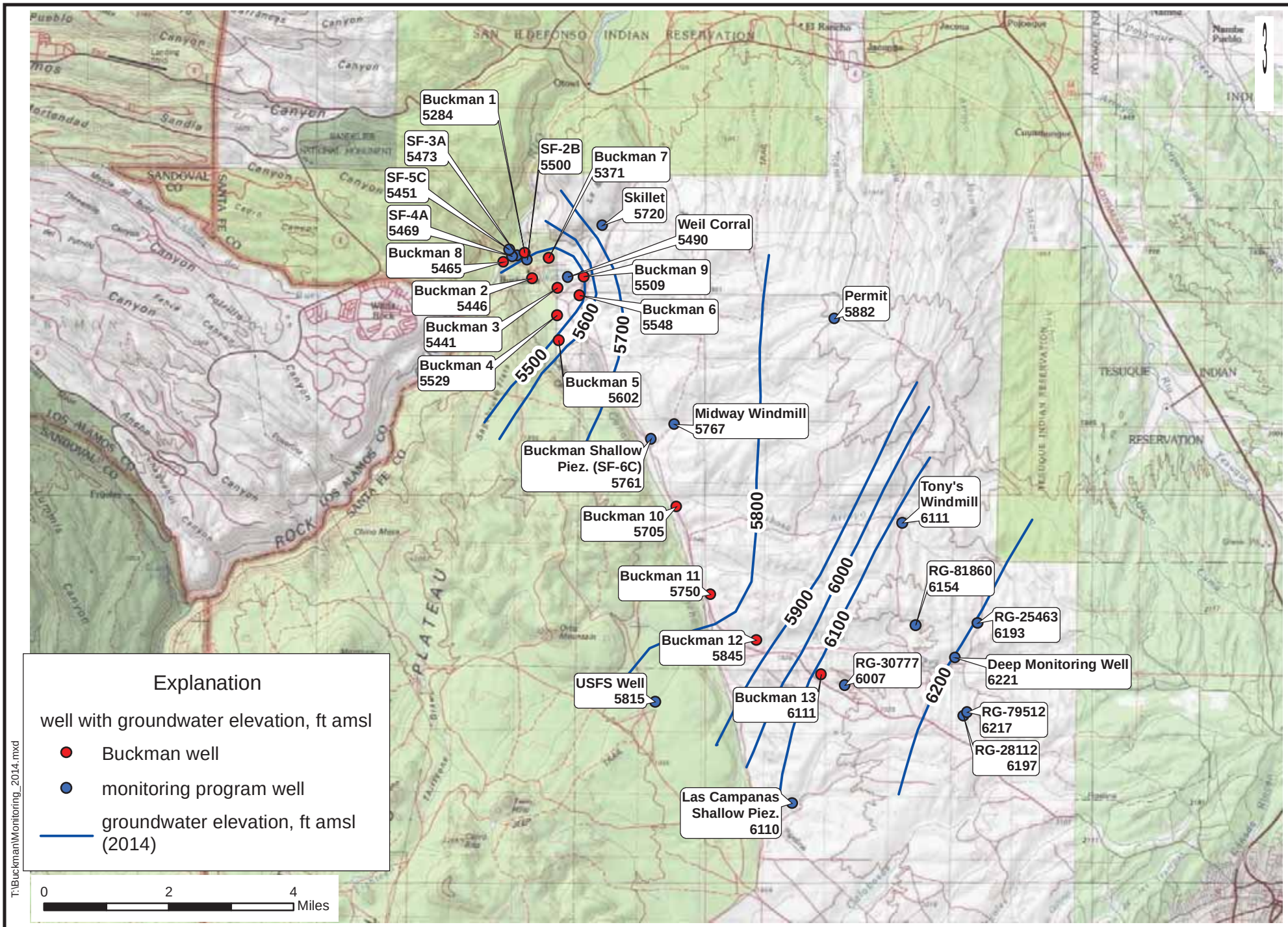



Figure 5. Map showing 2014 groundwater-elevation contours for the regional aquifer in the Buckman Monitoring Program area, Santa Fe County, New Mexico.

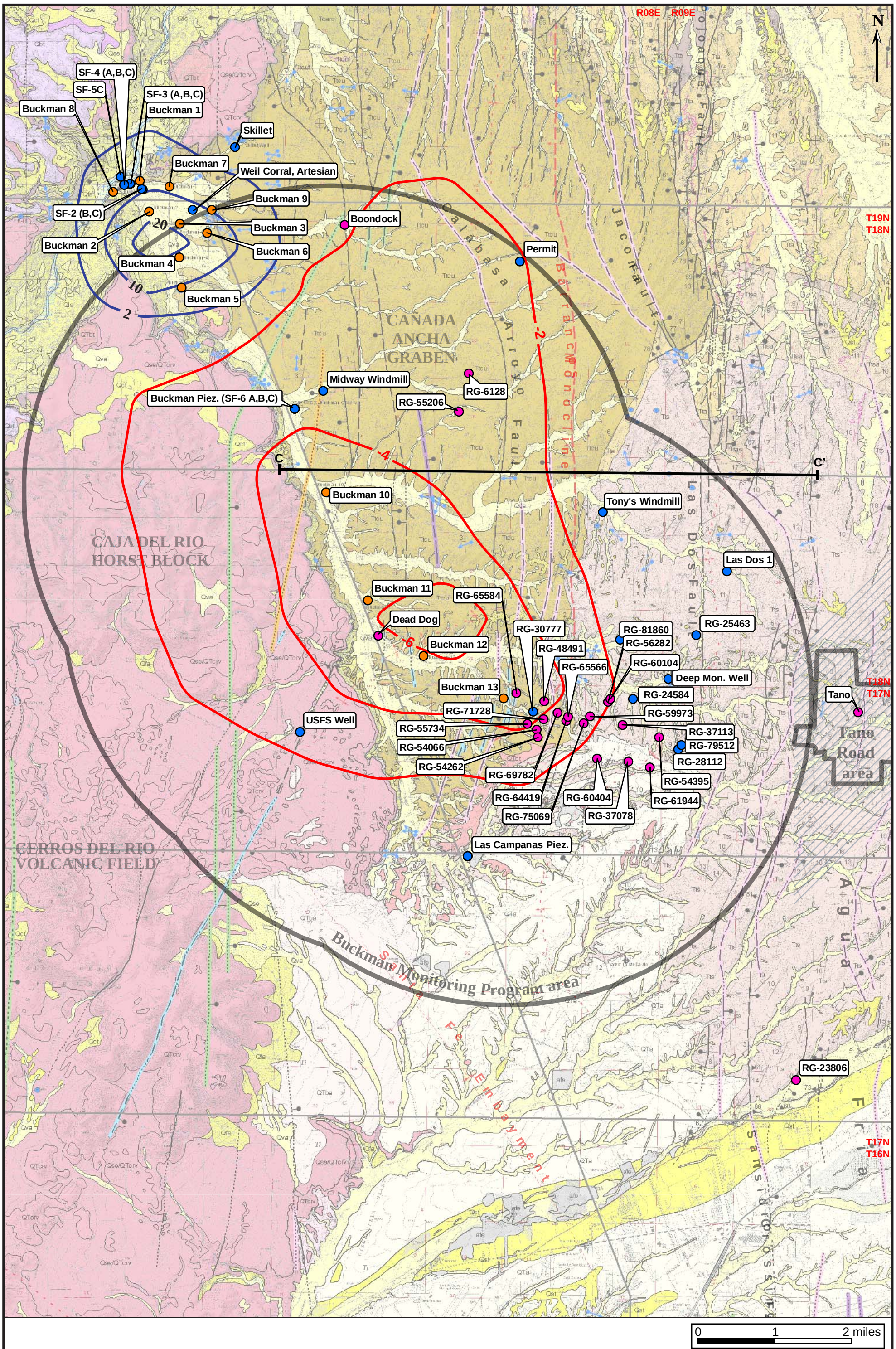



Figure 6. Geologic map (Koning and Read, 2010) showing NMOSE groundwater-flow model-simulated water-level changes between 2003 and 2014, in feet, for model Layer 1.

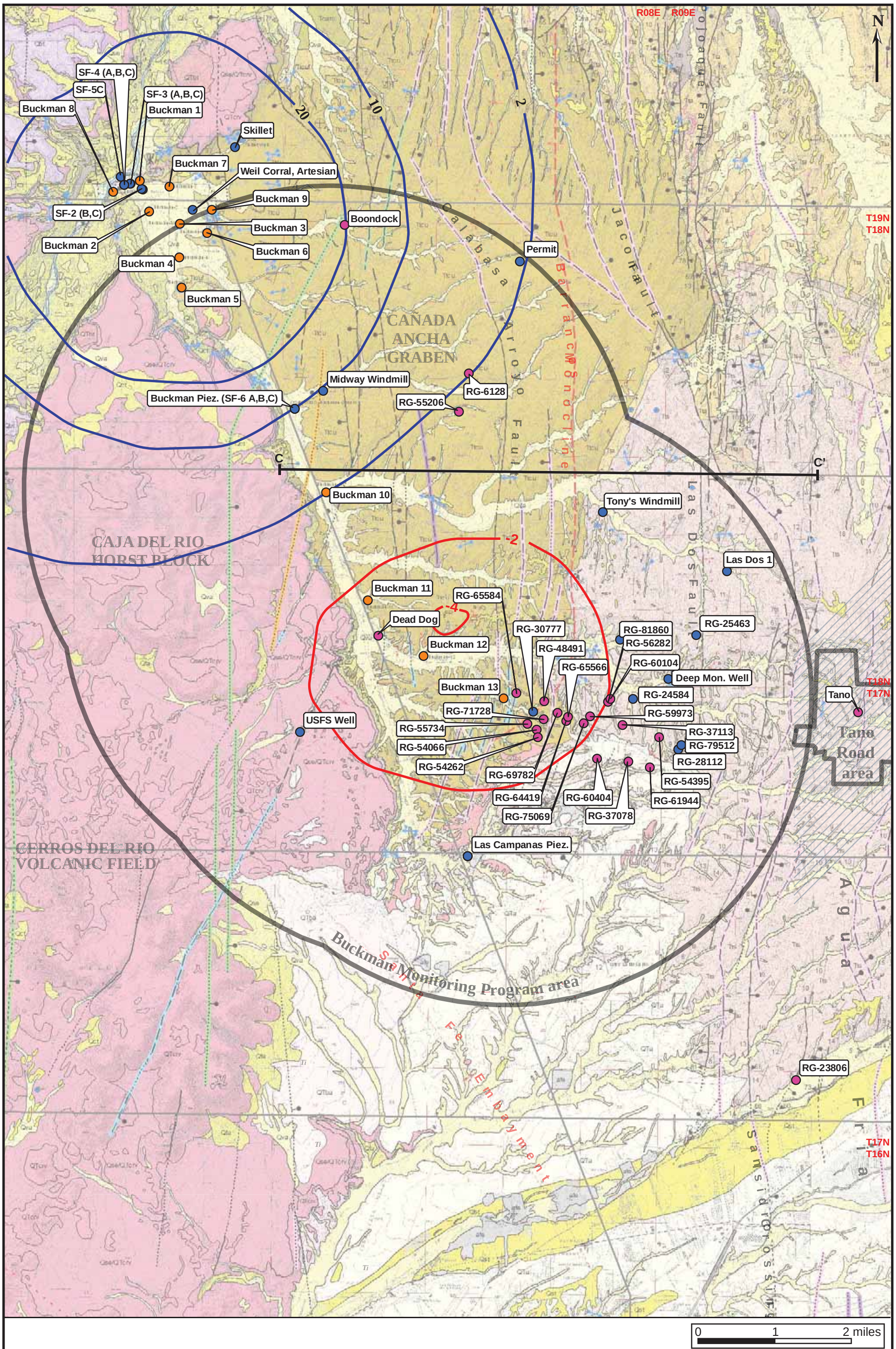



Figure 7. Geologic map (Koning and Read, 2010) showing NMOSE groundwater-flow model-simulated water-level changes between 2003 and 2014, in feet, for model Layer 2.

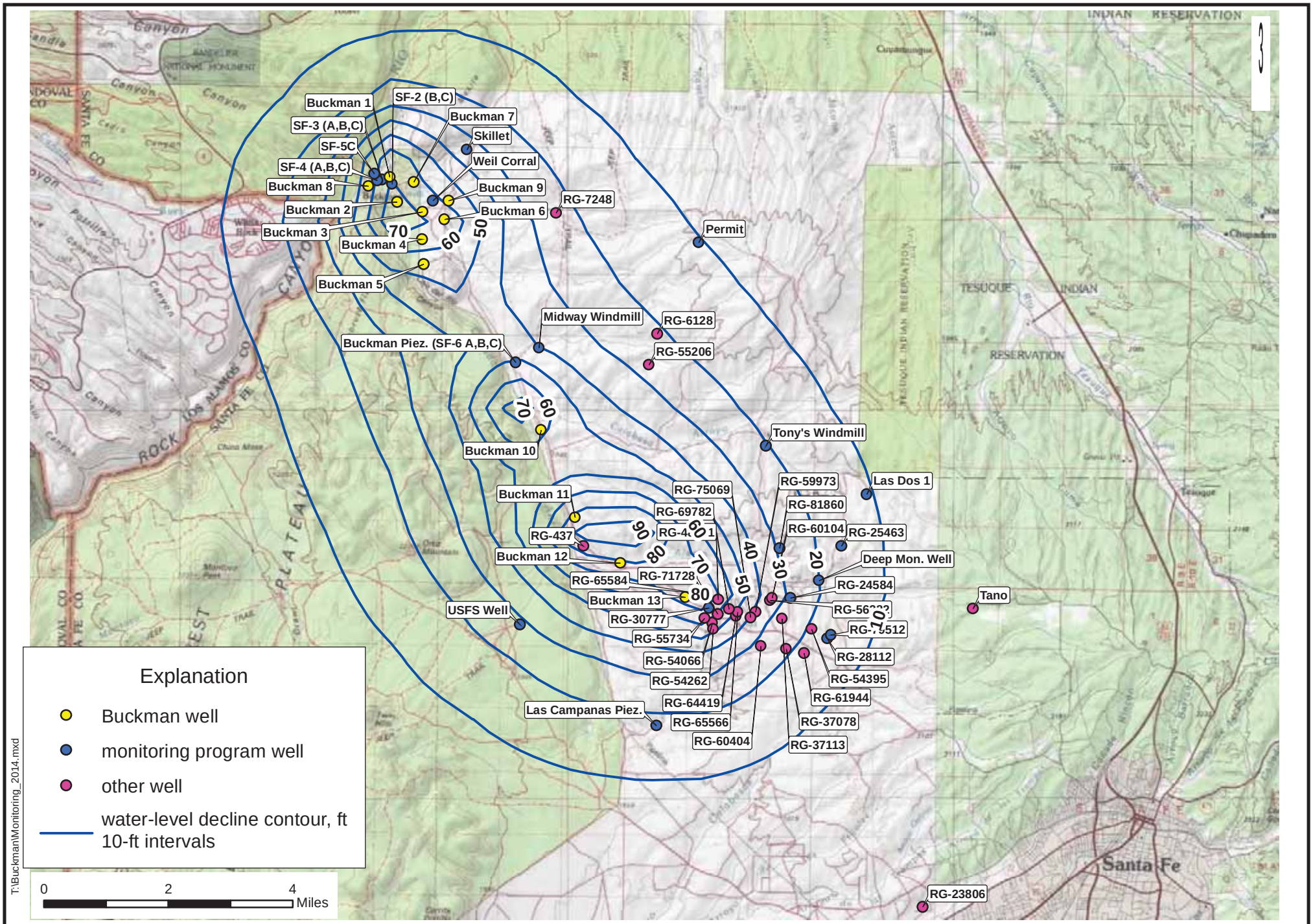



Figure 8. Map showing NMOSE groundwater-flow model-simulated 10-year water-level declines (2015 to 2024), in feet, for model Layer 2, under future pumping Scenario 1.

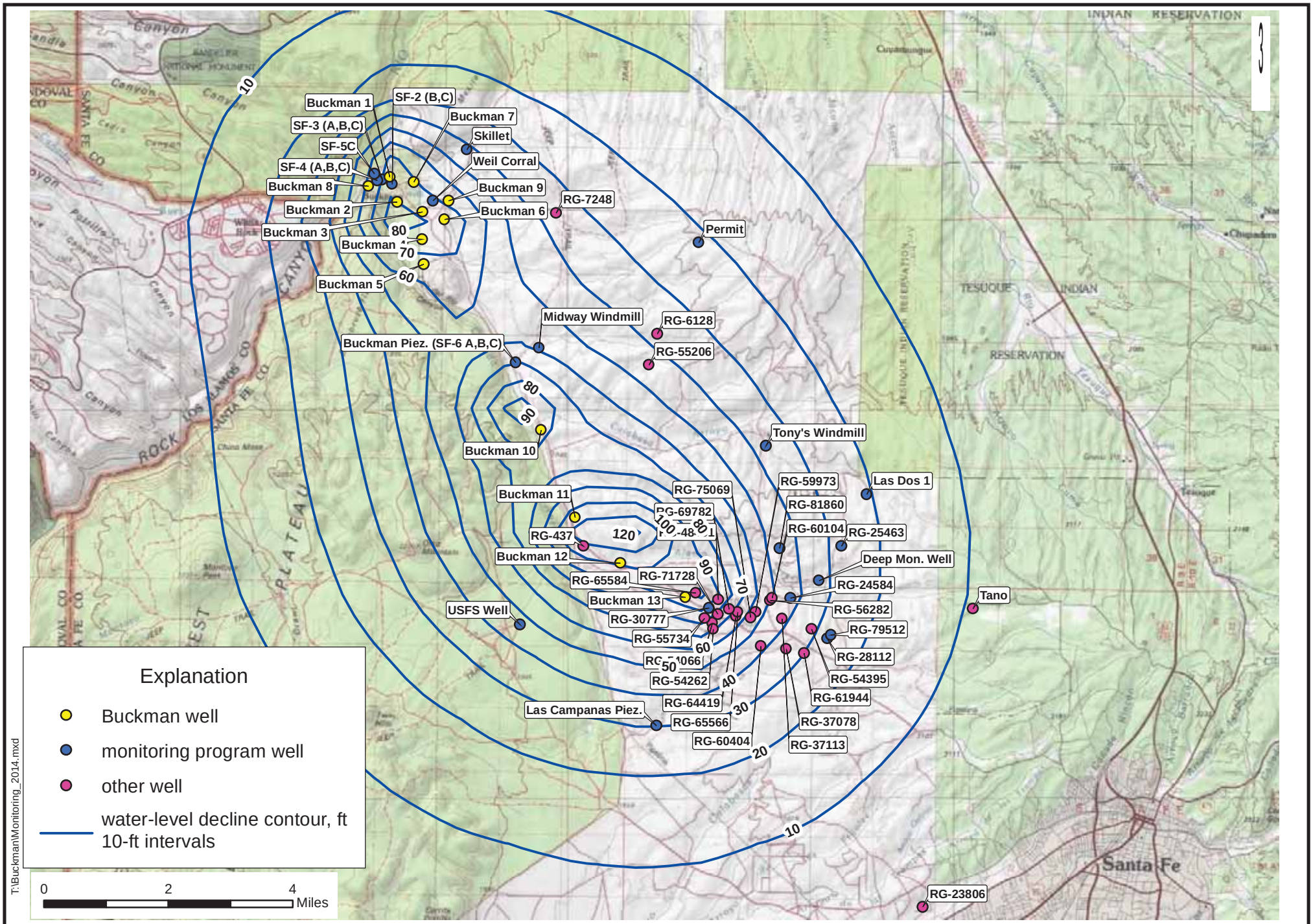



Figure 9. Map showing NMOSE groundwater-flow model-simulated 40-year water-level declines (2015 to 2054), in feet, for model Layer 2, under future pumping Scenario 1.

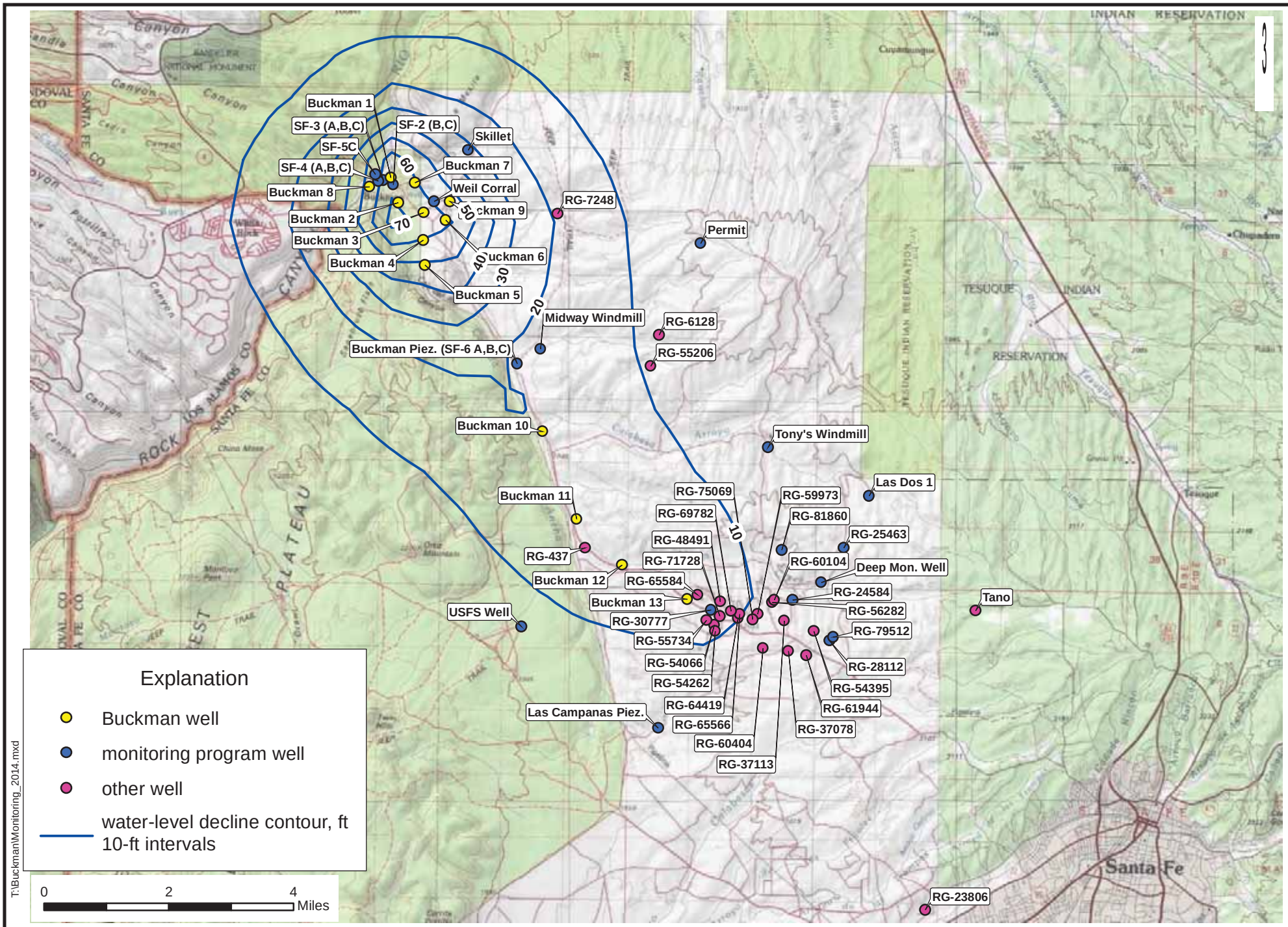



Figure 10. Map showing NMOSE groundwater-flow model-simulated 10-year water-level declines (2015 to 2024), in feet, for model Layer 2, under future pumping Scenario 2 (forecast scenario).

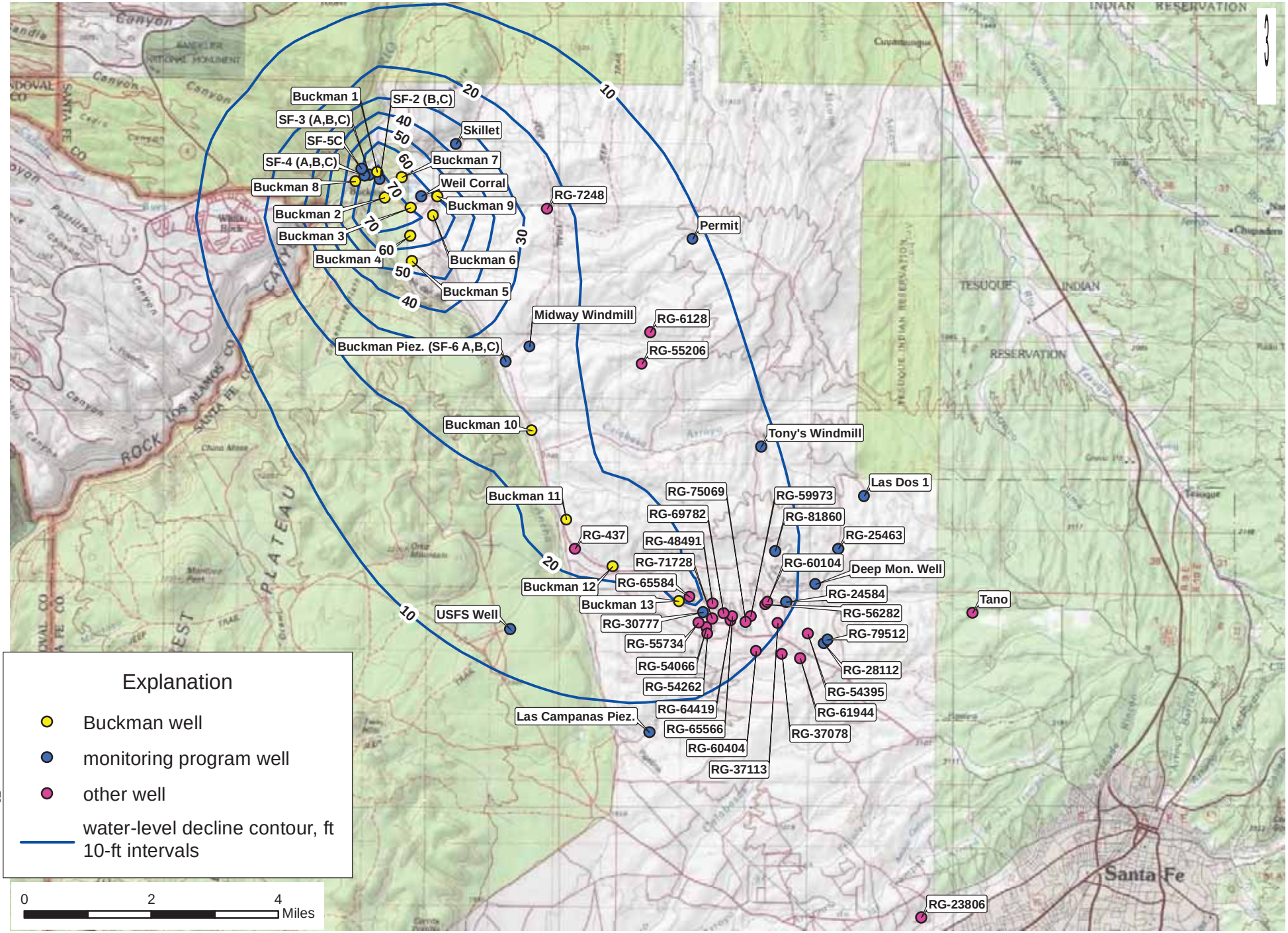



Figure 11. Map showing NMOSE groundwater-flow model-simulated 40-year water-level declines (2015 to 2054), in feet, for model Layer 2, under future pumping Scenario 2 (forecast scenario).

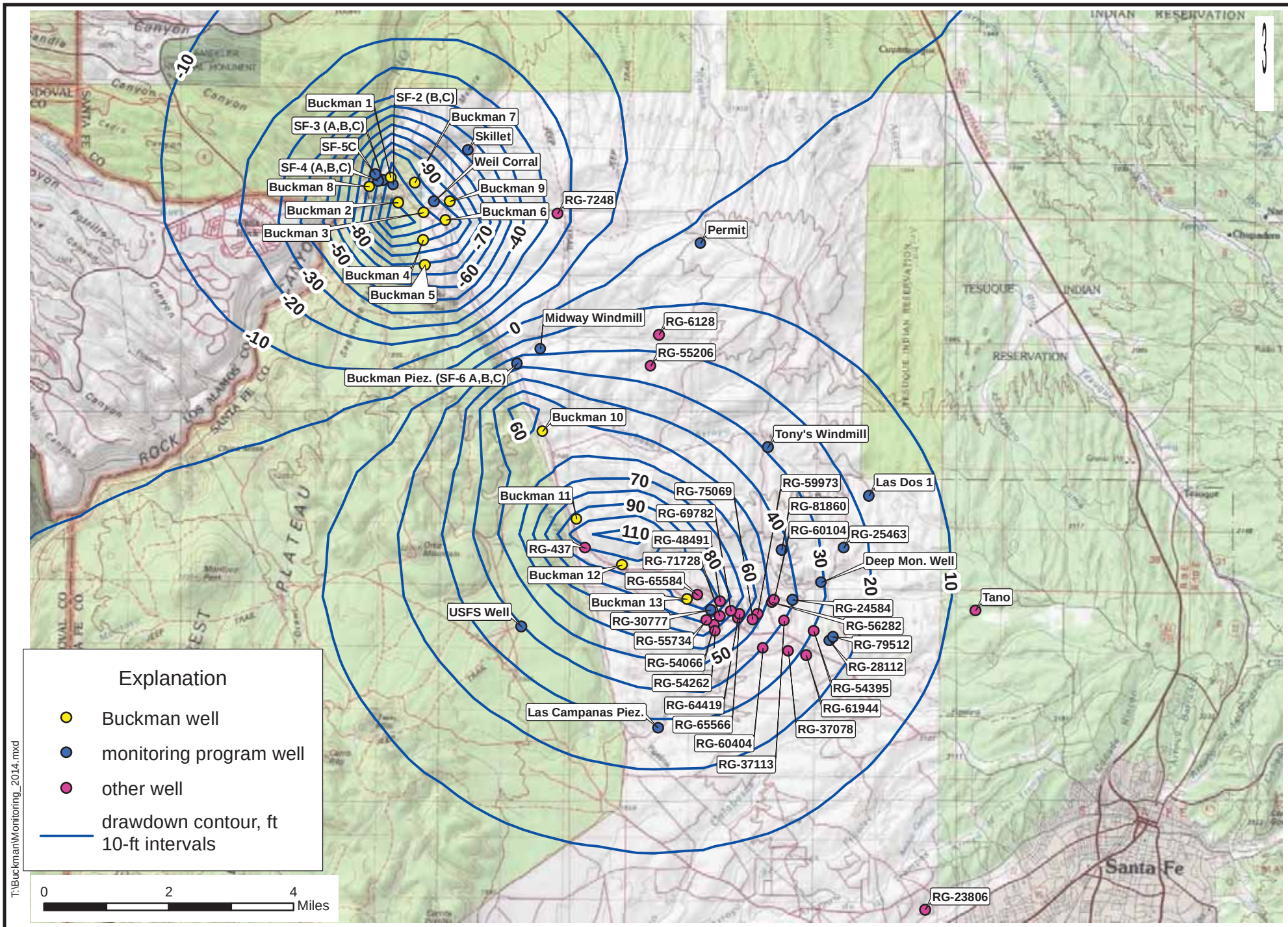



Figure 12. Map showing difference in NMOSE groundwater-flow model-simulated 40-year drawdown, in feet, for model Layer 2, under future pumping Scenario 1 and Baseline Scenario.

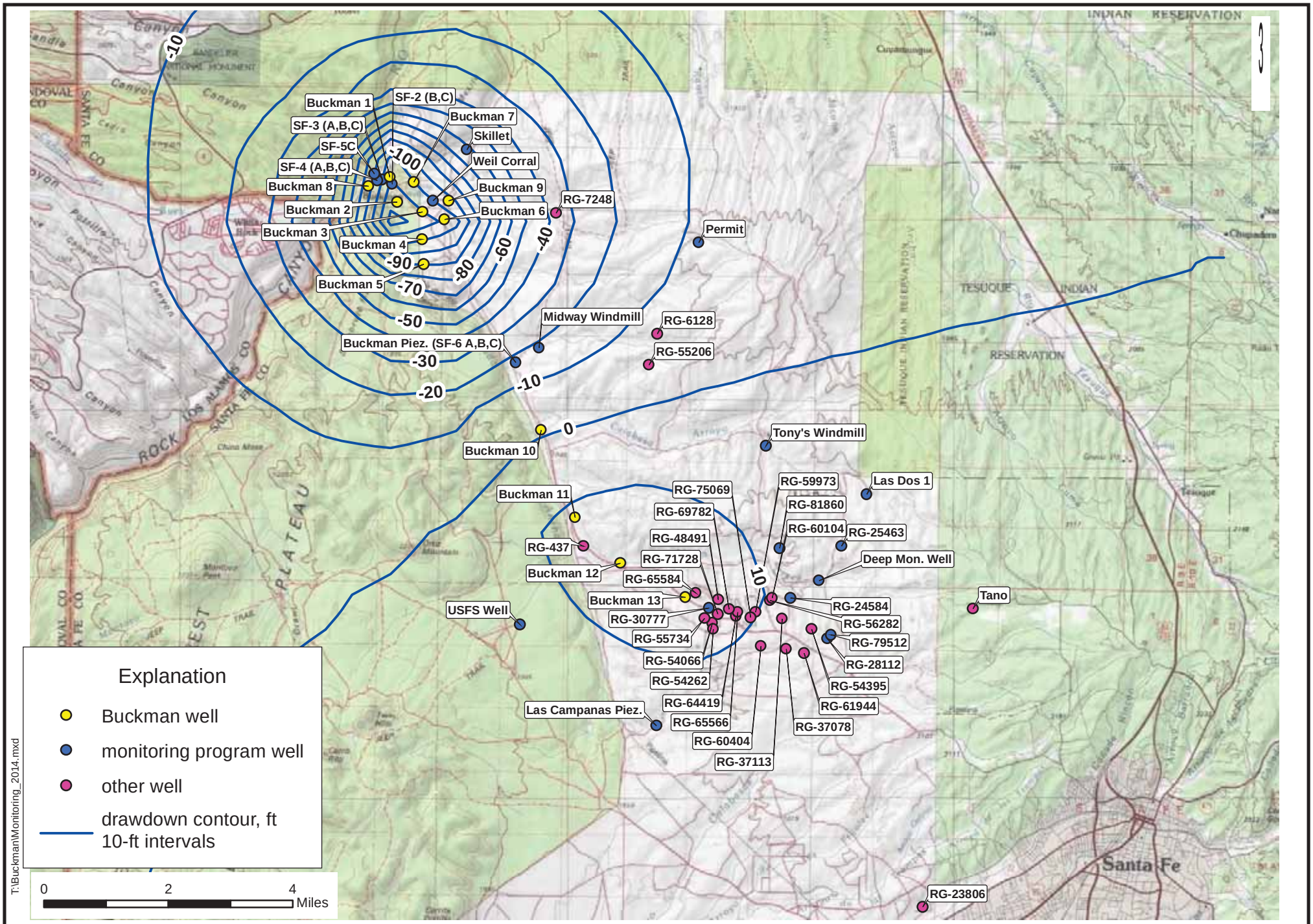



Figure 13. Map showing difference in NMOSE groundwater-flow model-simulated 40-year drawdown, in feet, for model Layer 2, under future pumping Scenario 2 (forecast scenario) and Baseline Scenario.

# APPENDICES

# Appendix A.

## Graphs showing Buckman Well Field diversions and water levels in Buckman Monitoring Program area wells

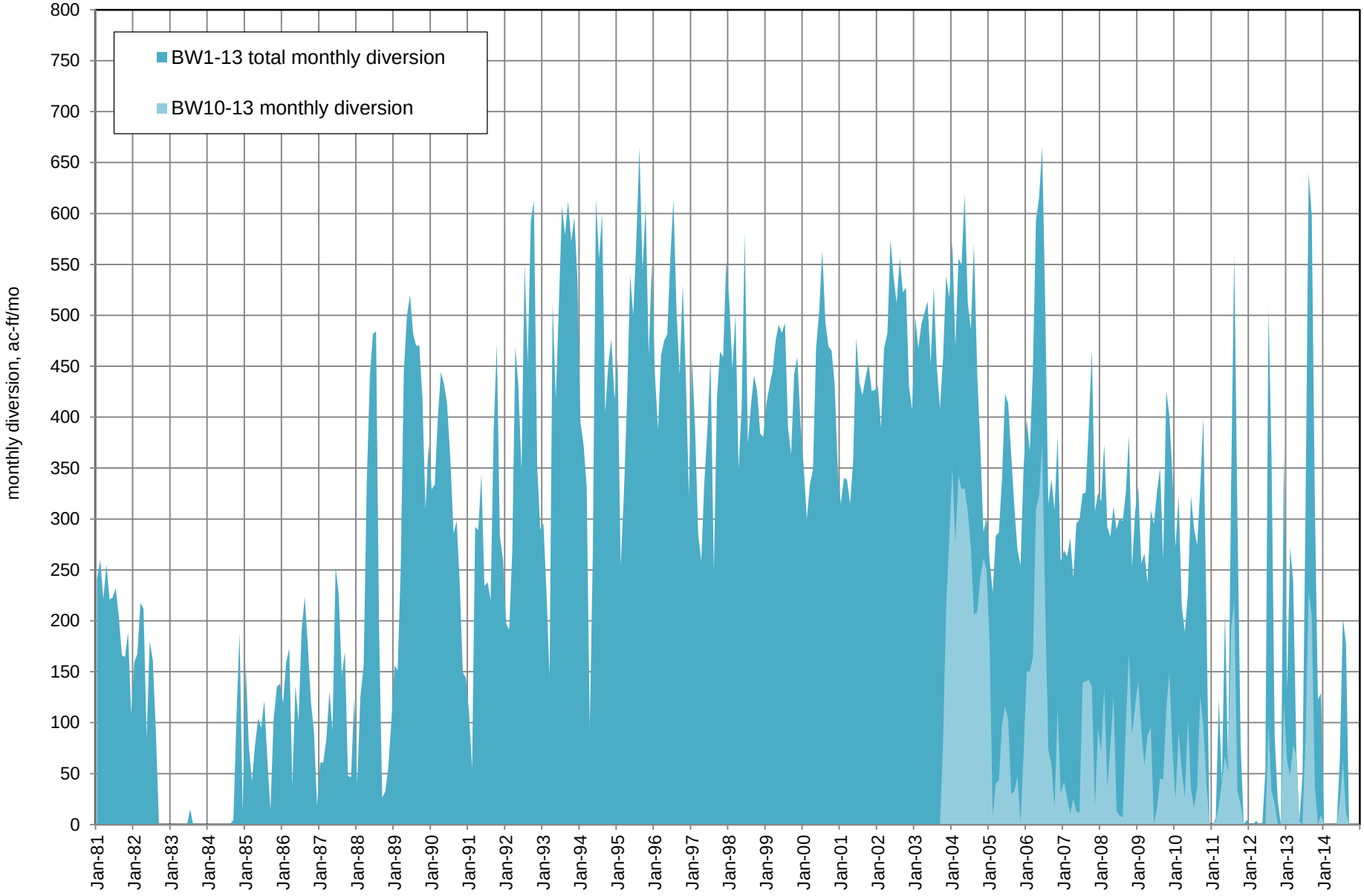



Figure A1. Monthly diversions from Buckman Wells 1 through 13, 1981 through 2014.

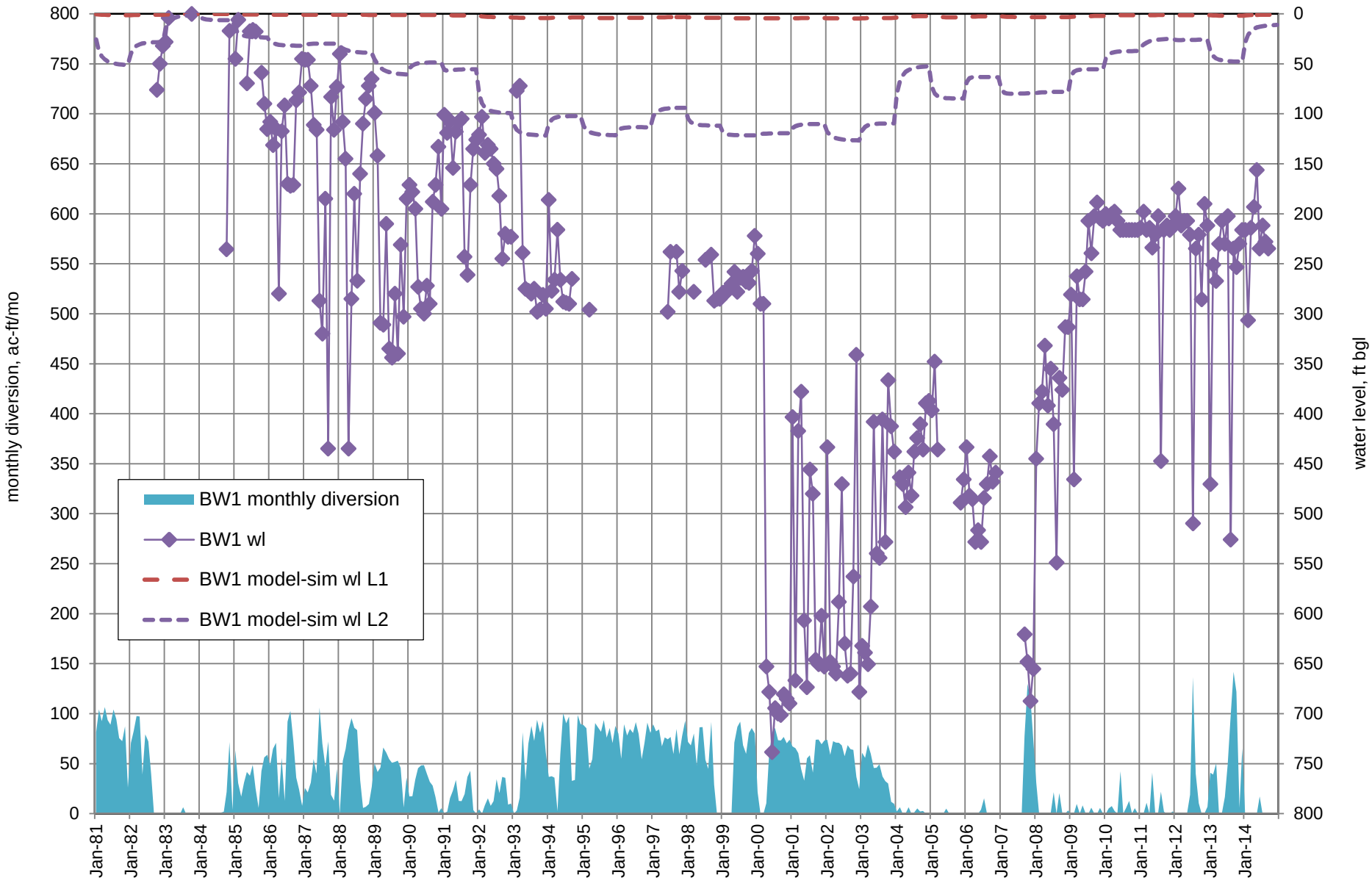



Figure A2. Water levels and monthly diversions from Buckman Well 1 (RG-20516-S-5), 1981 through 2014.

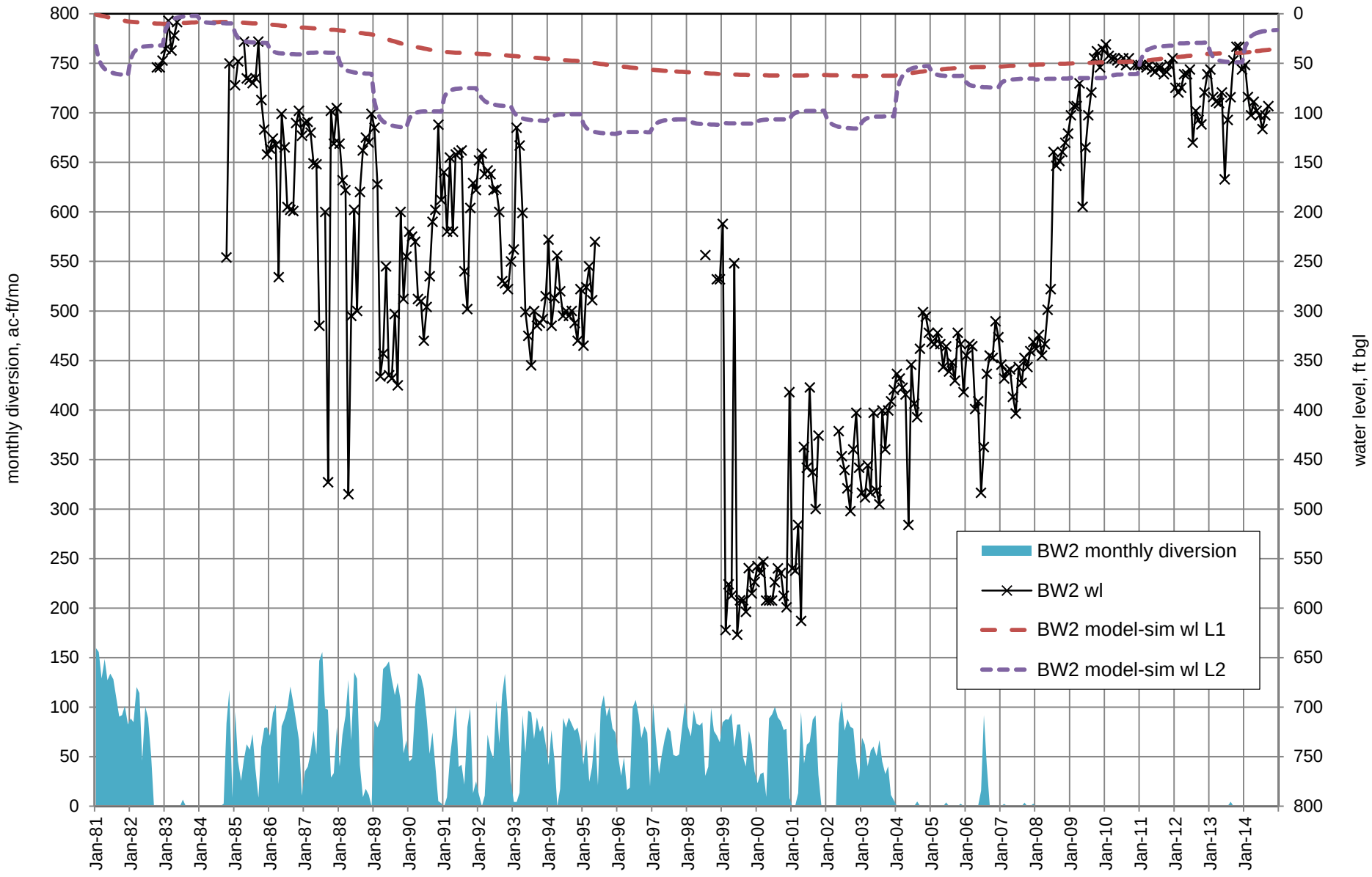



Figure A3. Water levels and monthly diversions from Buckman Well 2 (RG-20516-S-6), 1981 through 2014.

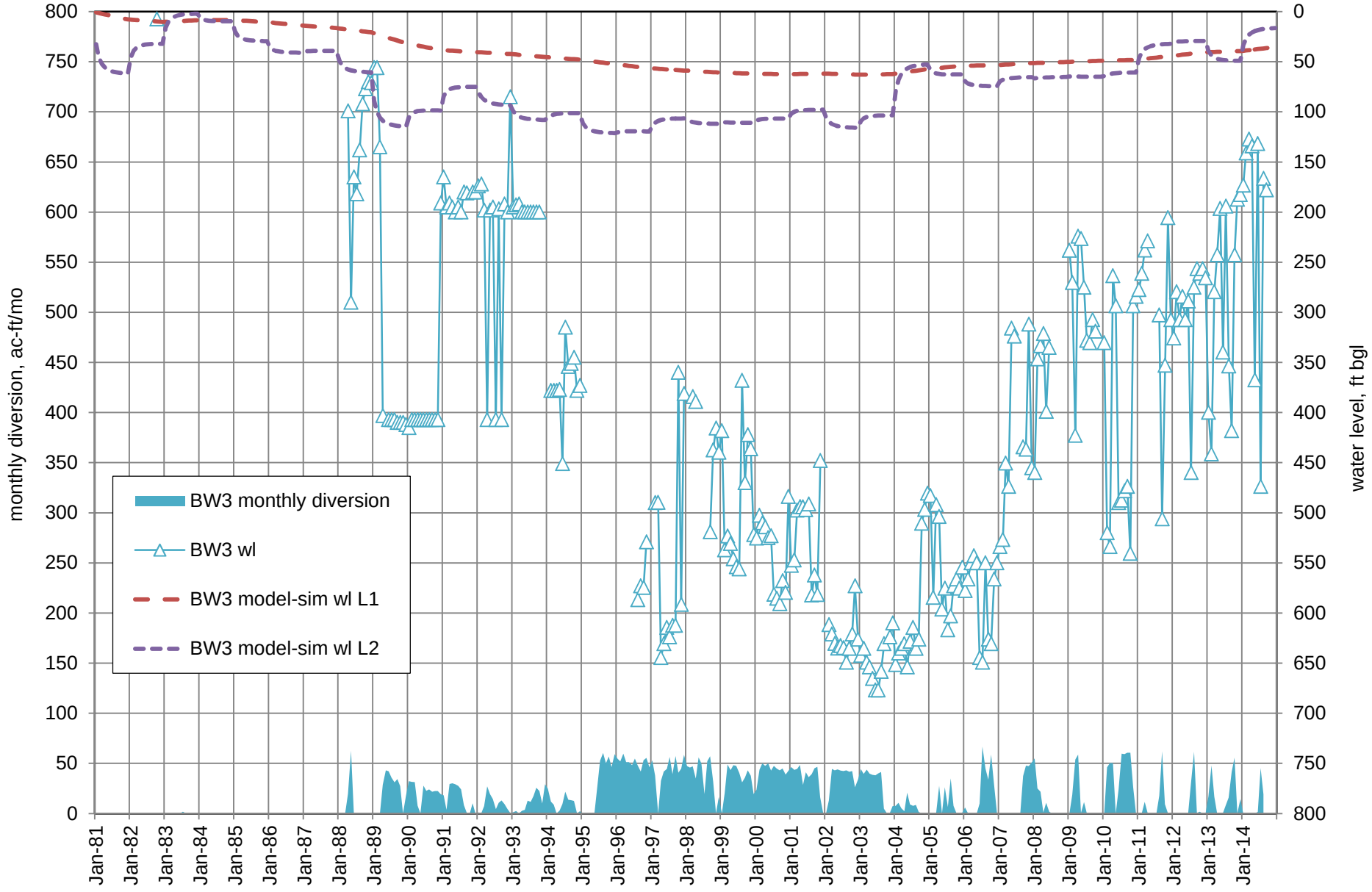



Figure A4. Water levels and monthly diversions from Buckman Well 3 (RG-20516-S), 1981 through 2014.

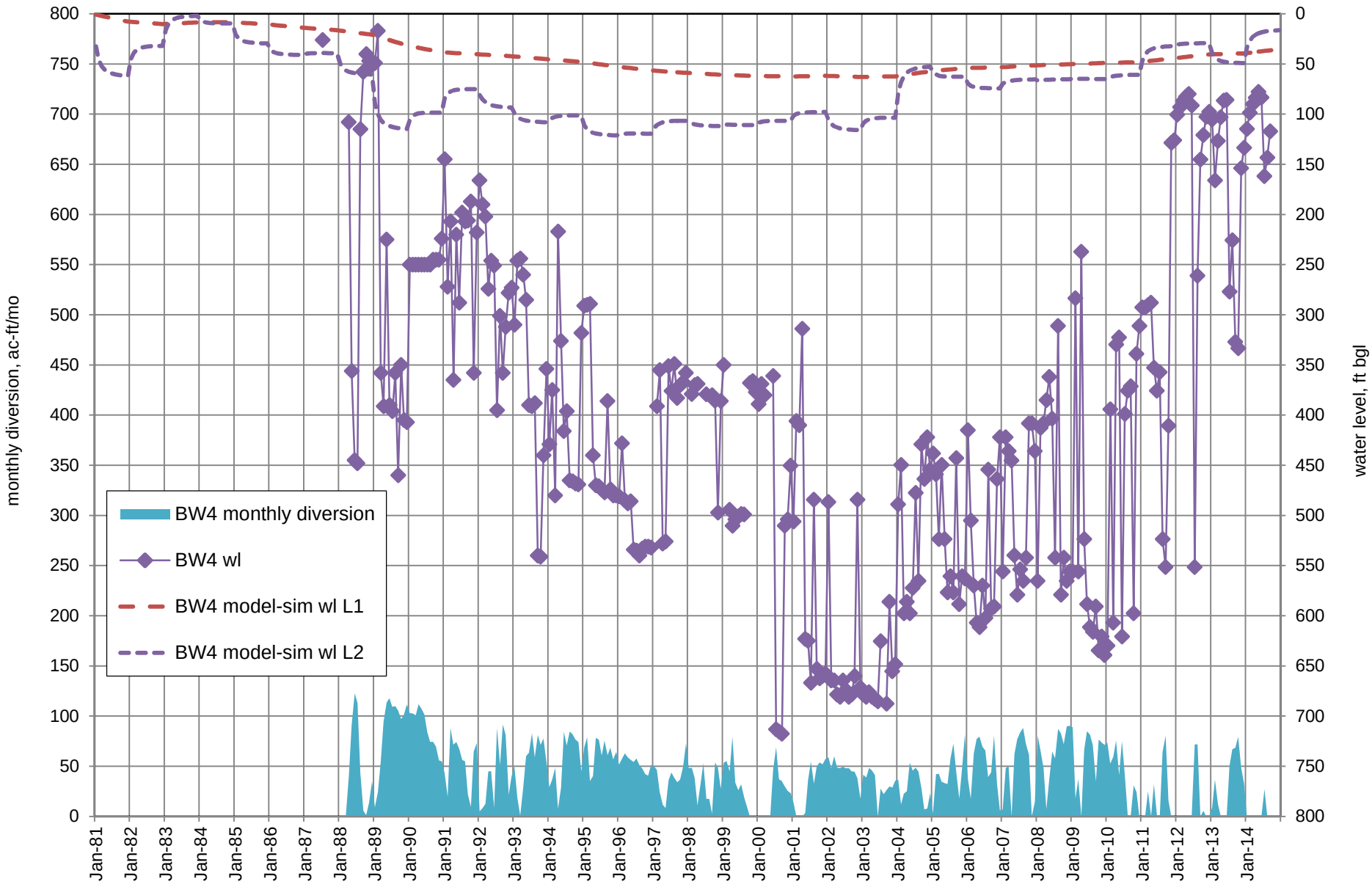



Figure A5. Water levels and monthly diversions from Buckman Well 4 (RG-20516-S-2), 1981 through 2014.

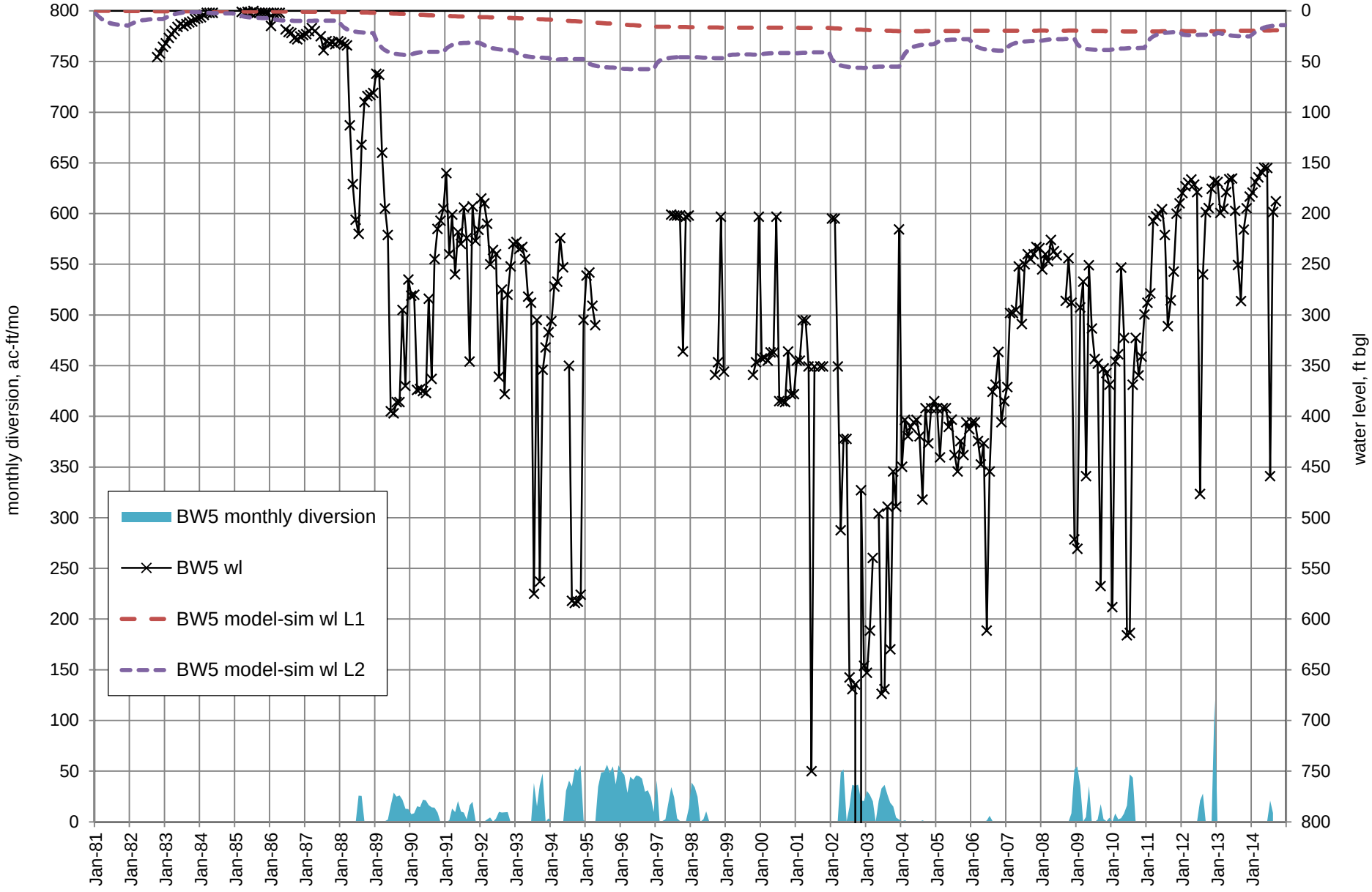



Figure A6. Water levels and monthly diversions from Buckman Well 5 (RG-20516-S-3), 1981 through 2014.

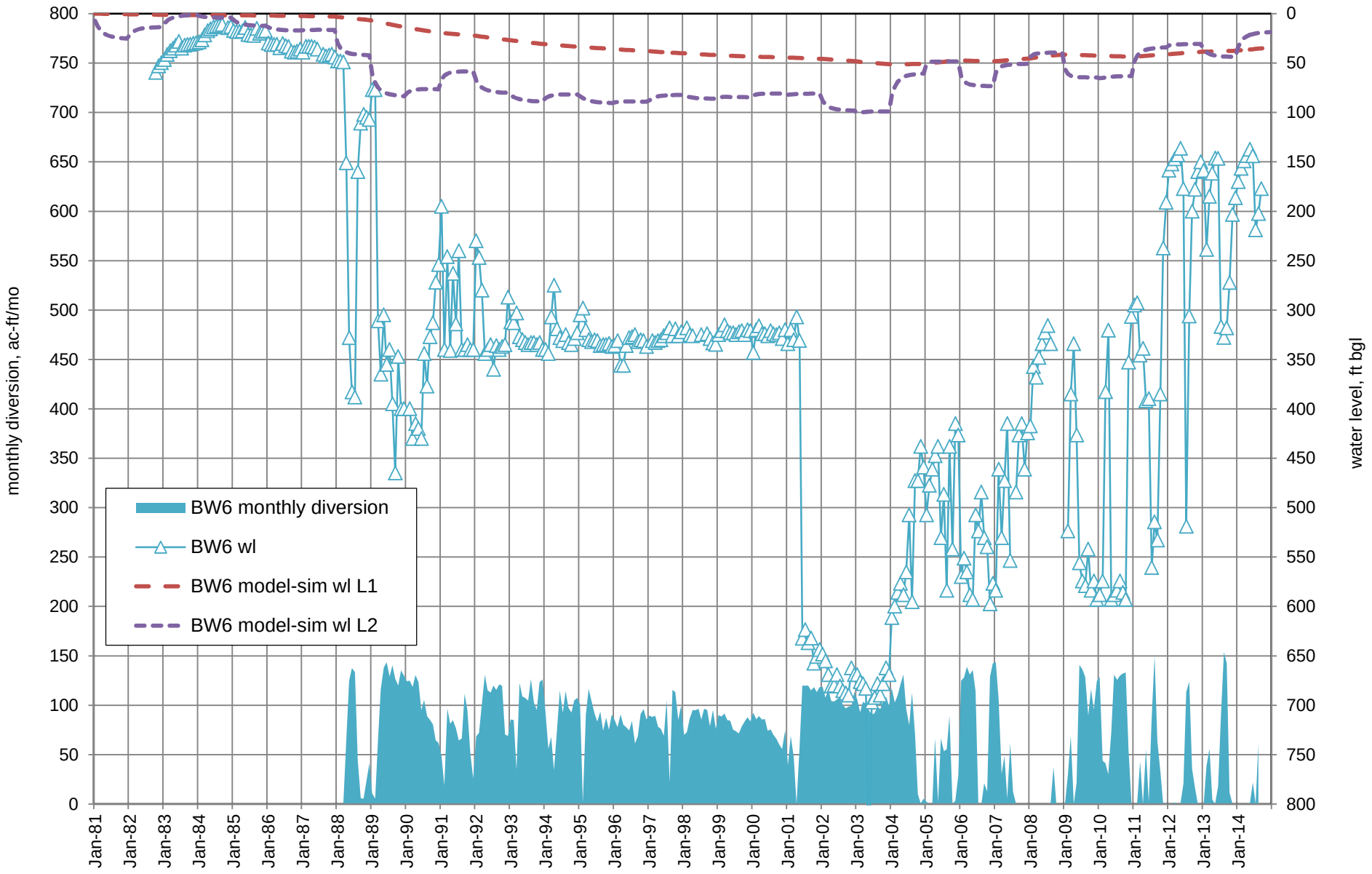



Figure A7. Water levels and monthly diversions from Buckman Well 6 (RG-20516-S-4), 1981 through 2014.

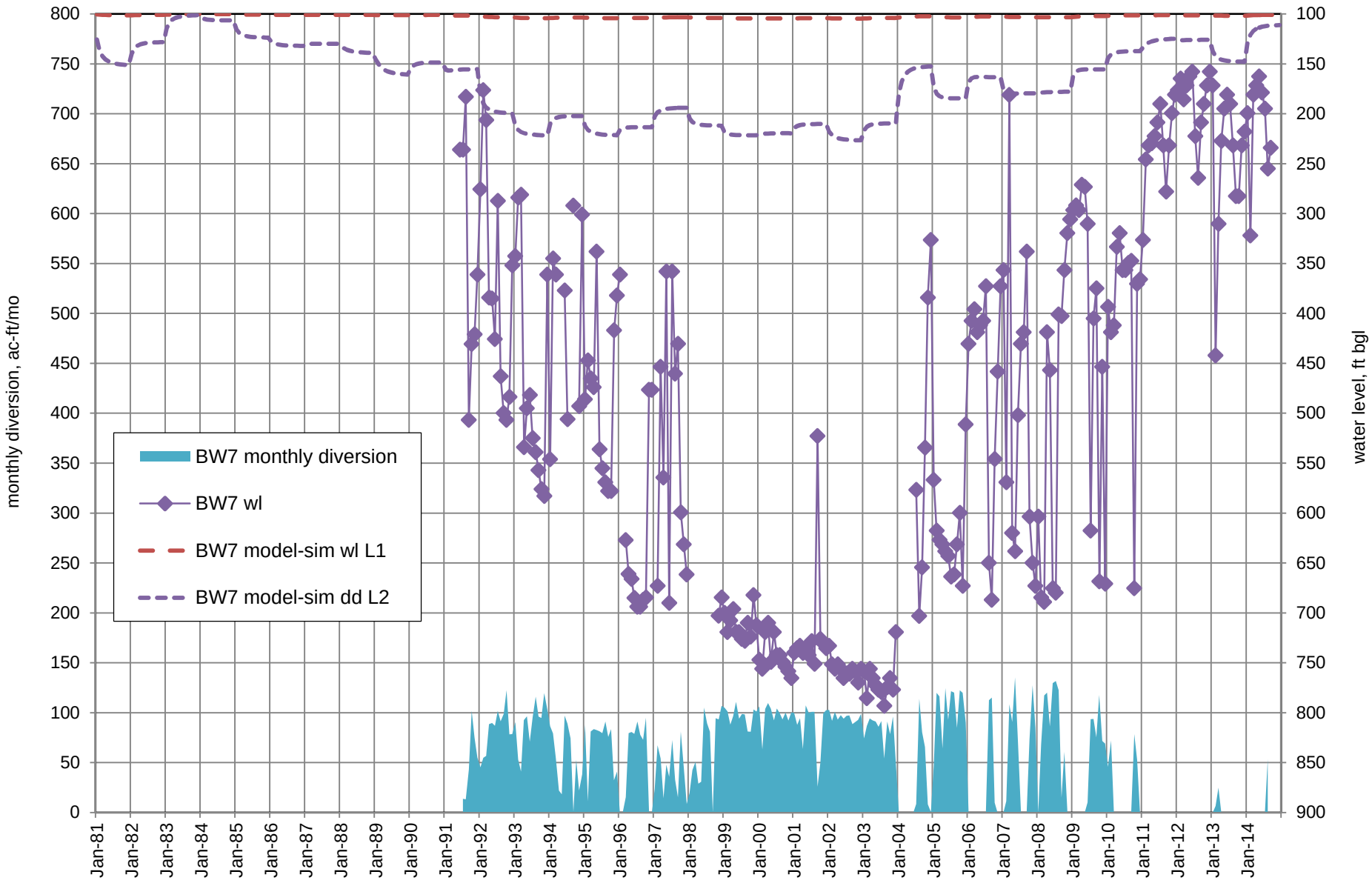



Figure A8. Water levels and monthly diversions from Buckman Well 7 (RG-20516-S-7), 1981 through 2014.

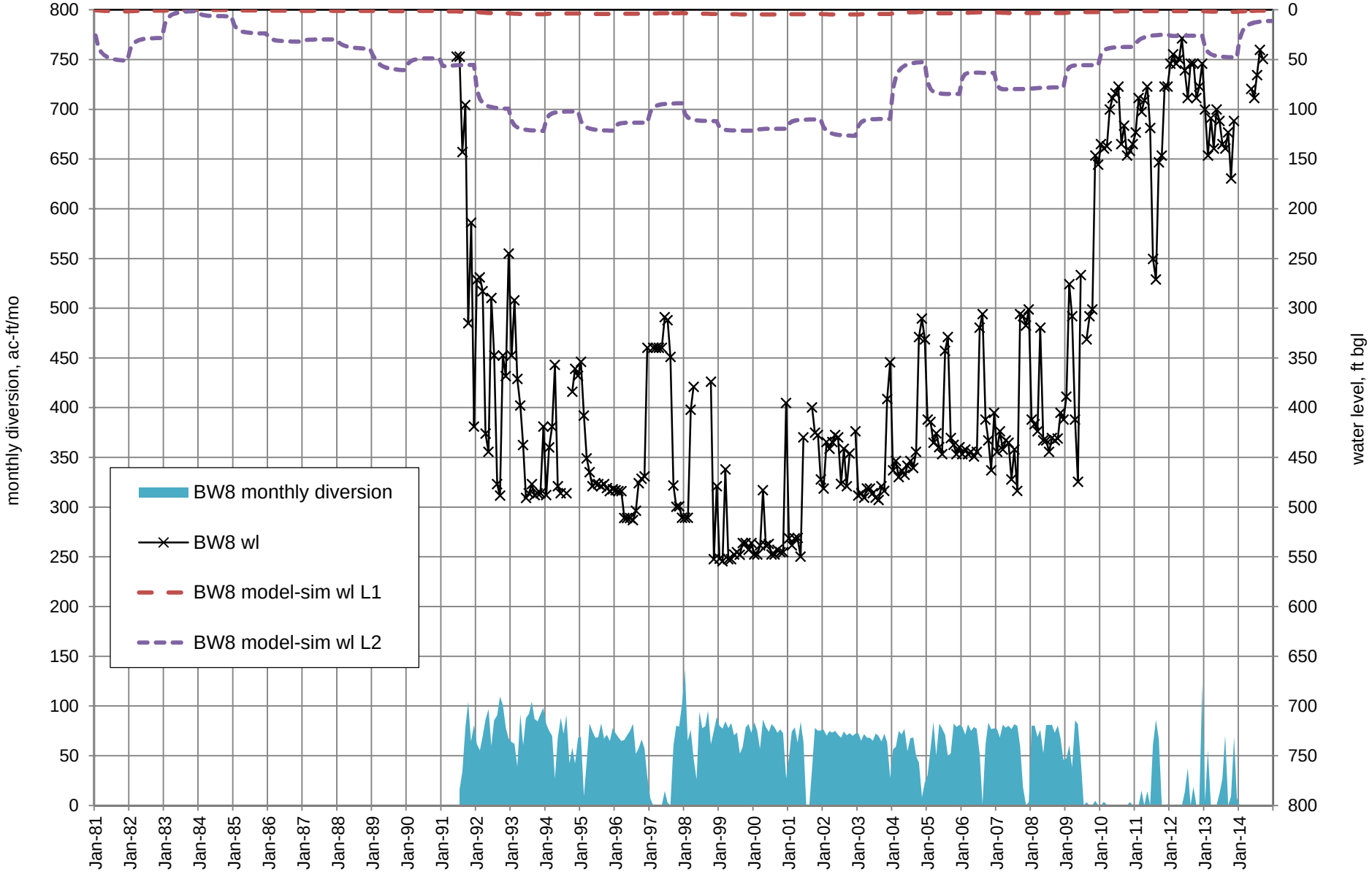



Figure A9. Water levels and monthly diversions from Buckman Well 8 (RG-20516-S-8), 1981 through 2014.

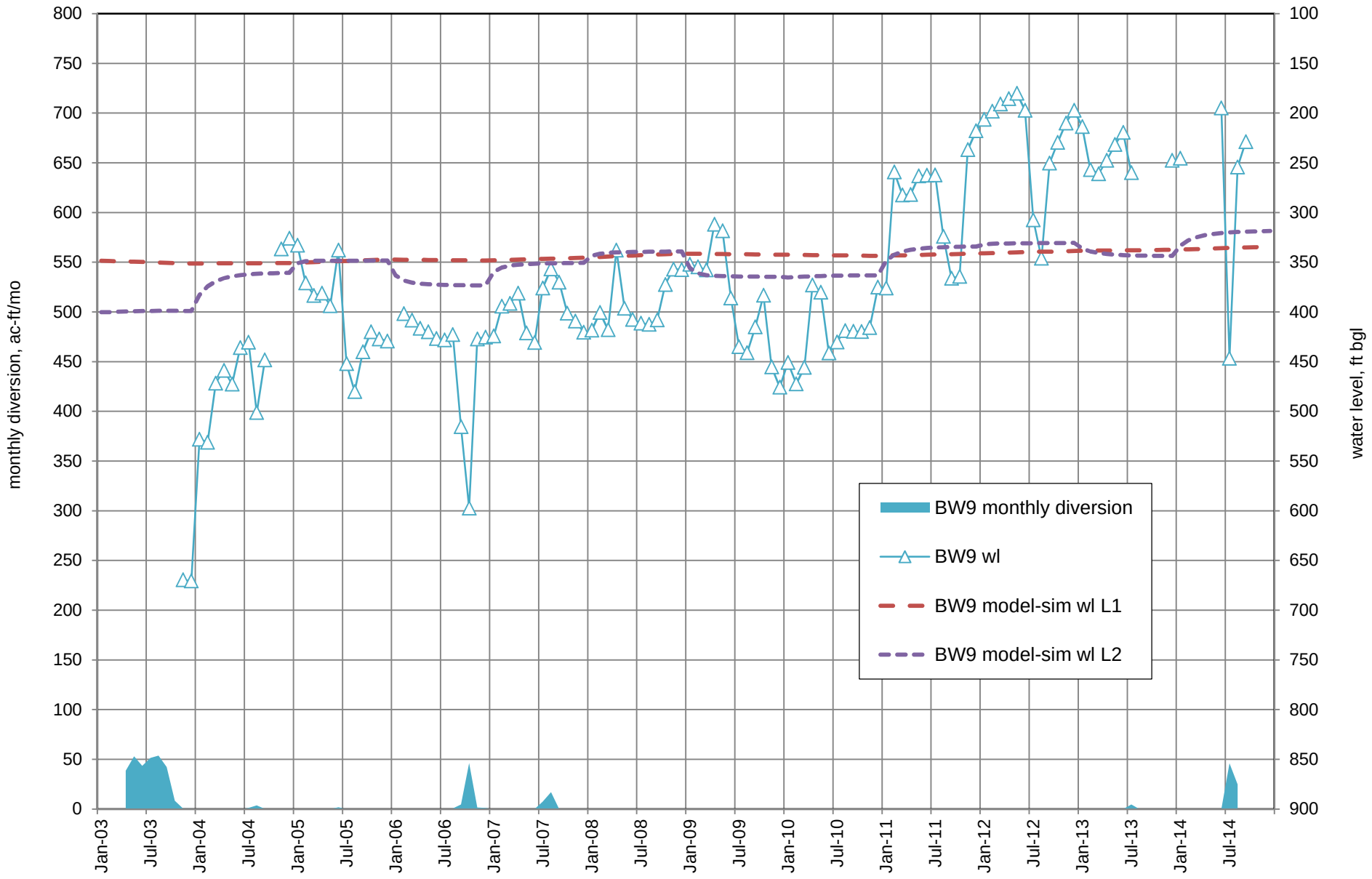



Figure A10. Water levels and monthly diversions from Buckman Well 9 (RG-20516-S-9), 2003 through 2014.

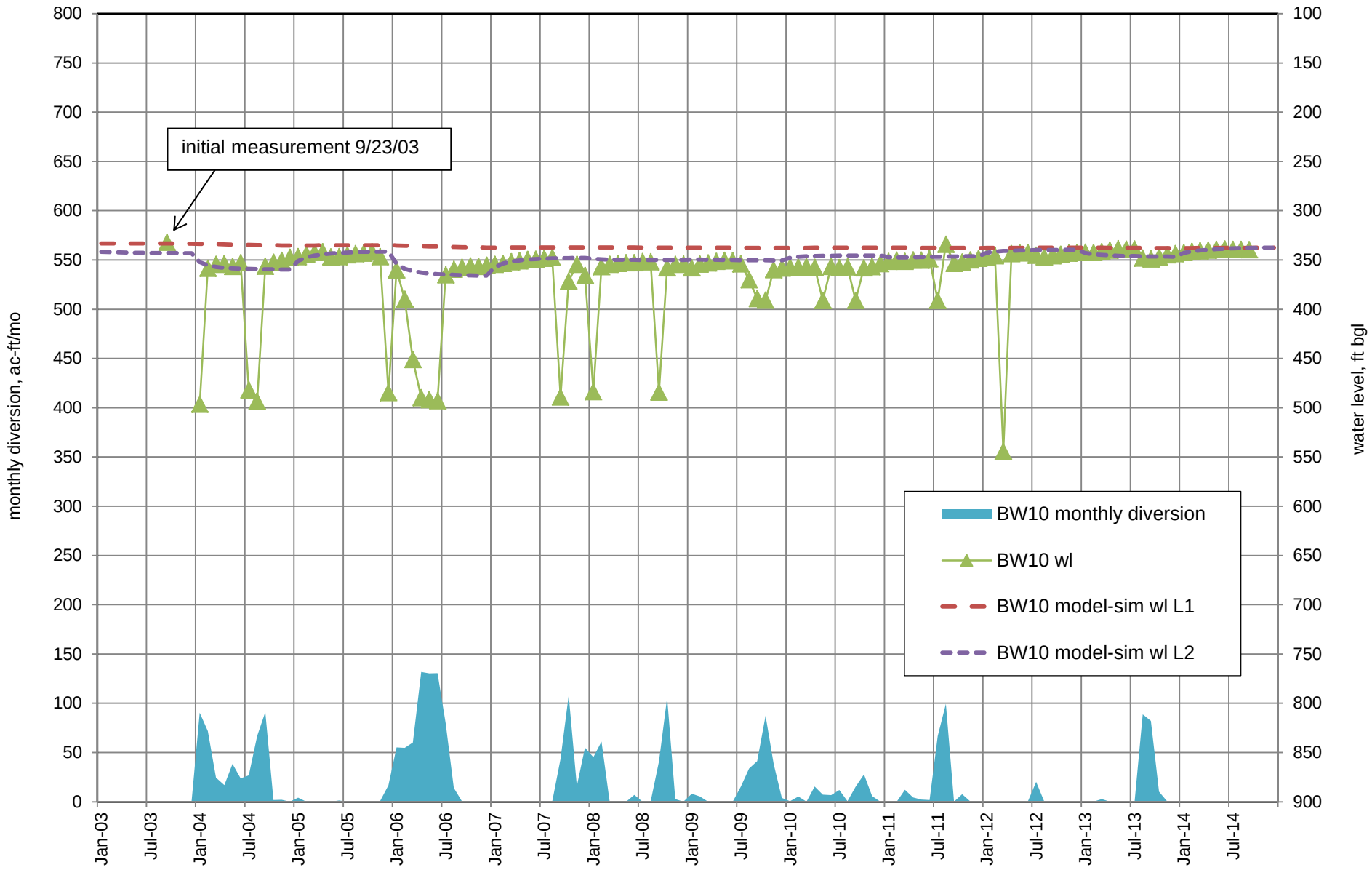



Figure A11. Water levels and monthly diversions from Buckman Well 10 (RG-20516-S-10), 2003 through 2014.

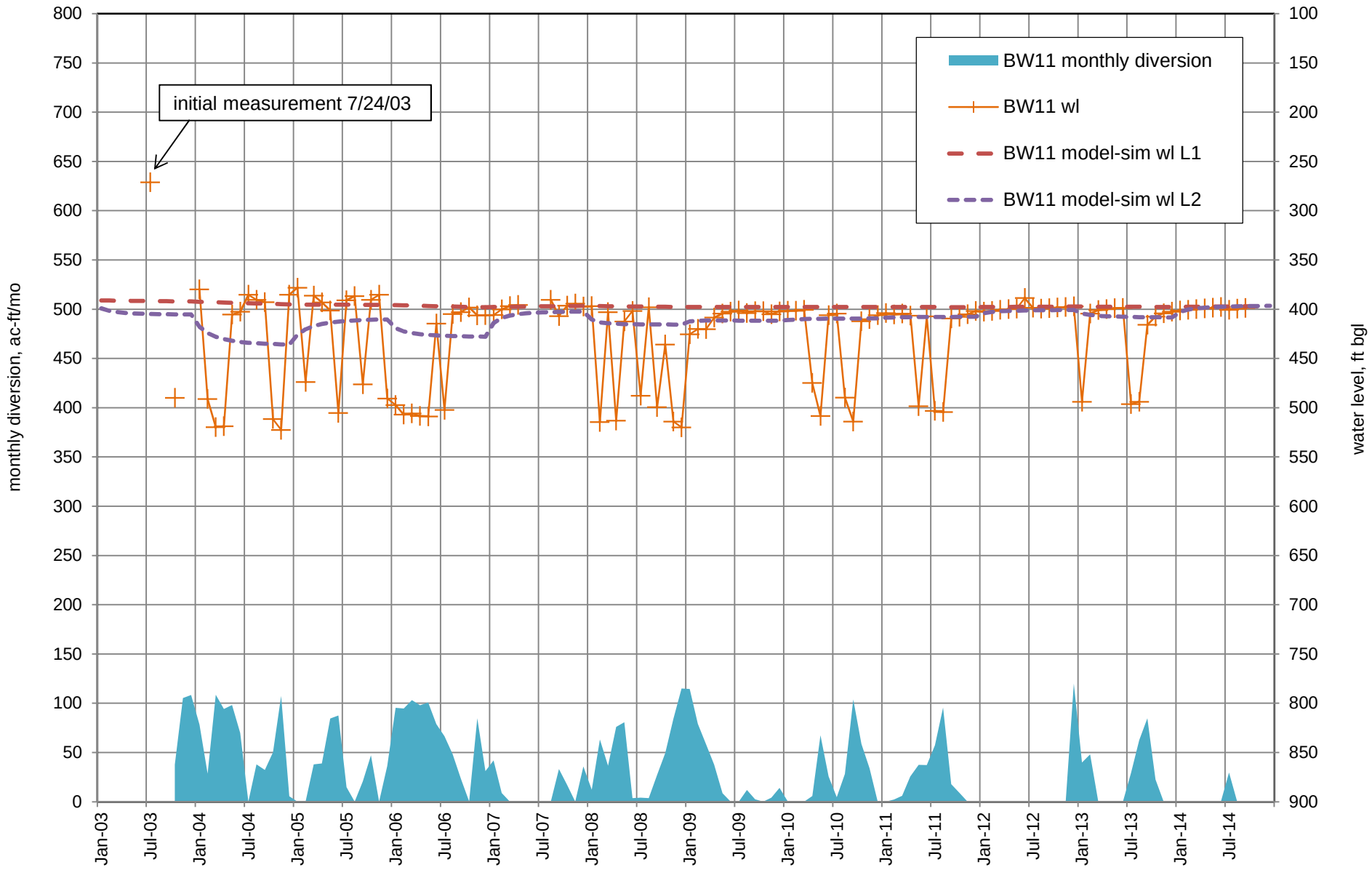



Figure A12. Water levels and monthly diversions from Buckman Well 11 (RG-20516-S-11), 2003 through 2014.

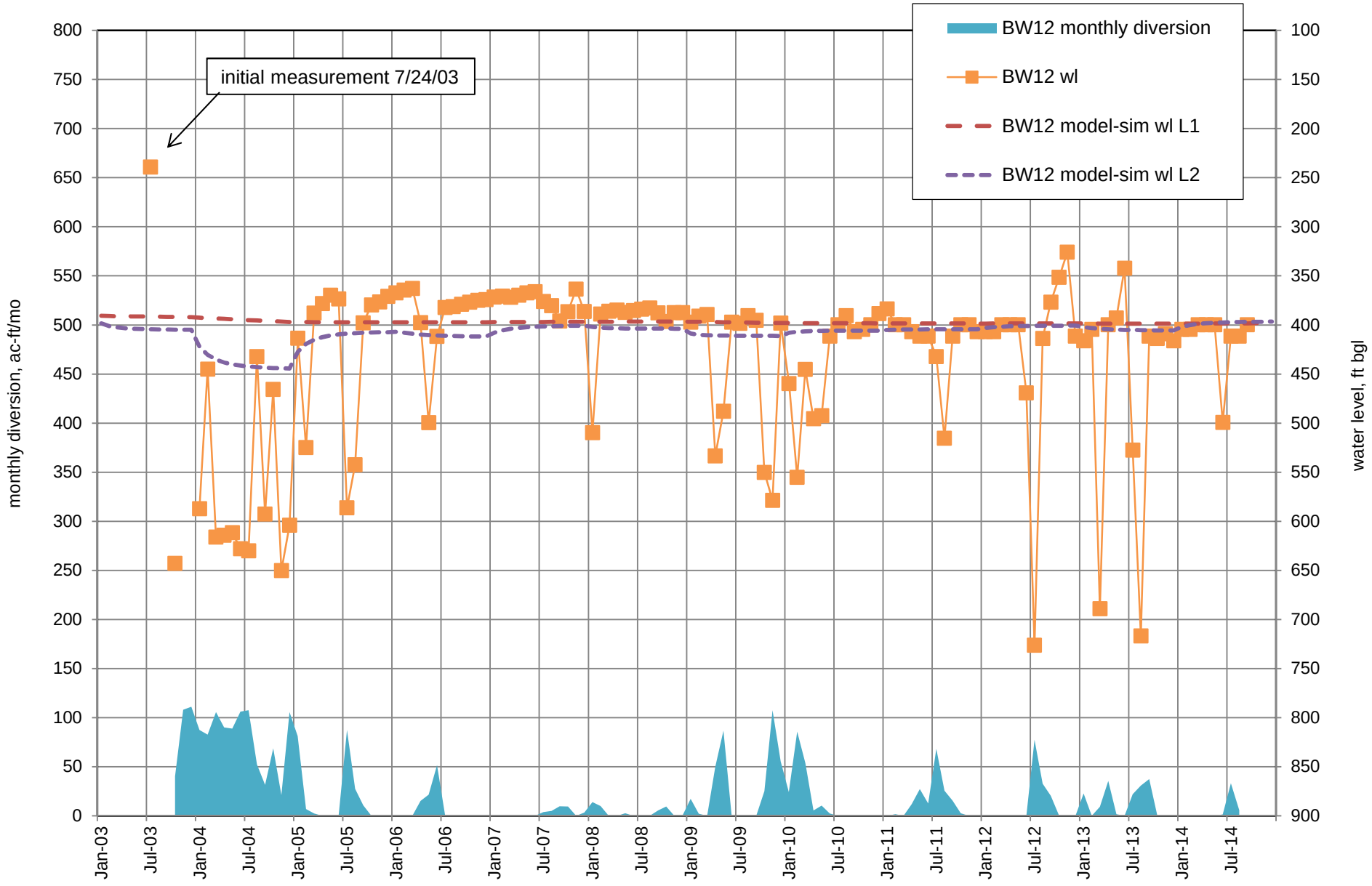



Figure A13. Water levels and monthly diversions from Buckman Well 12 (RG-20516-S-12), 2003 through 2014.

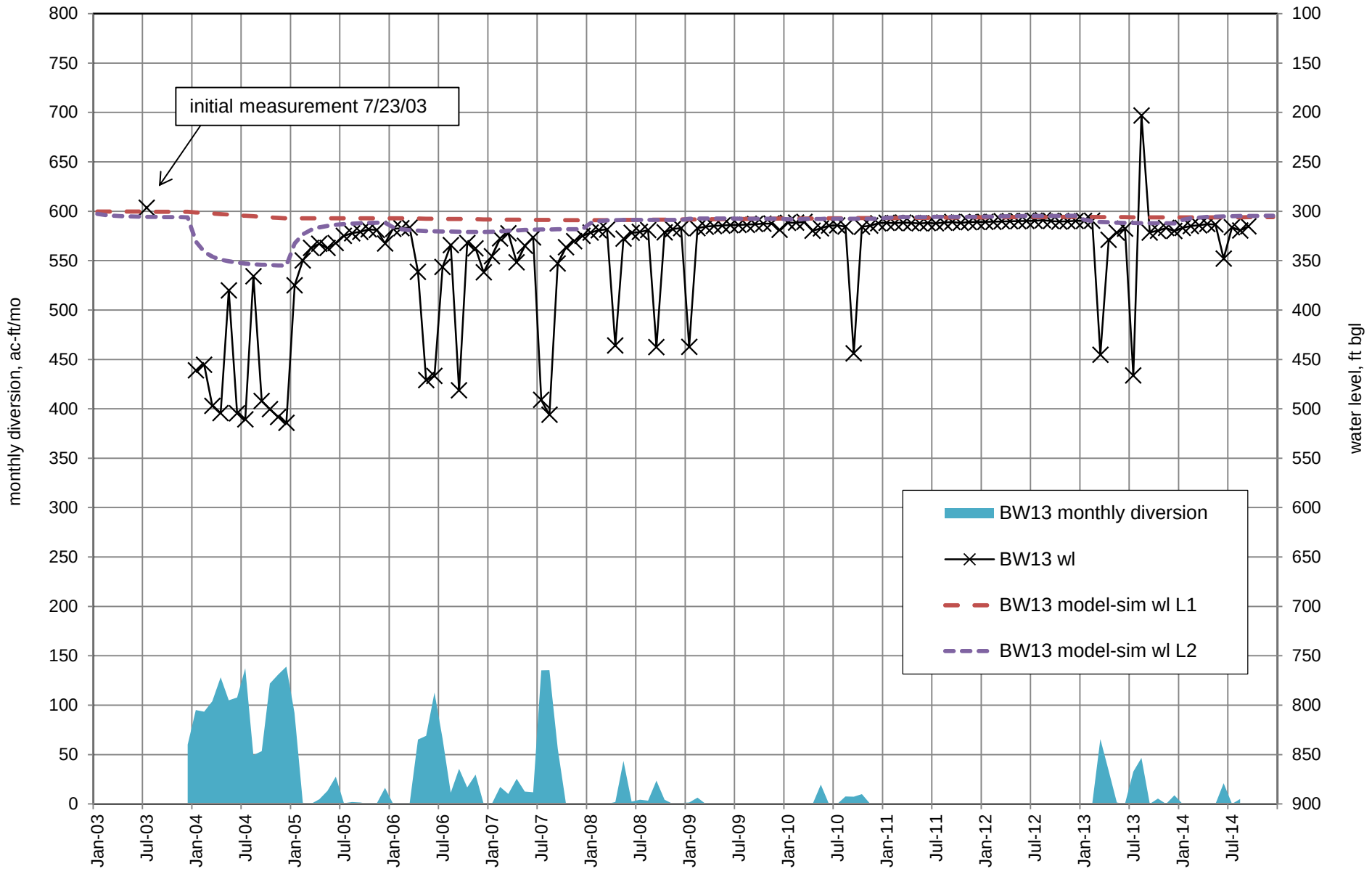



Figure A14. Water levels and monthly diversions from Buckman Well 13 (RG-20516-S-13), 2003 through 2014.

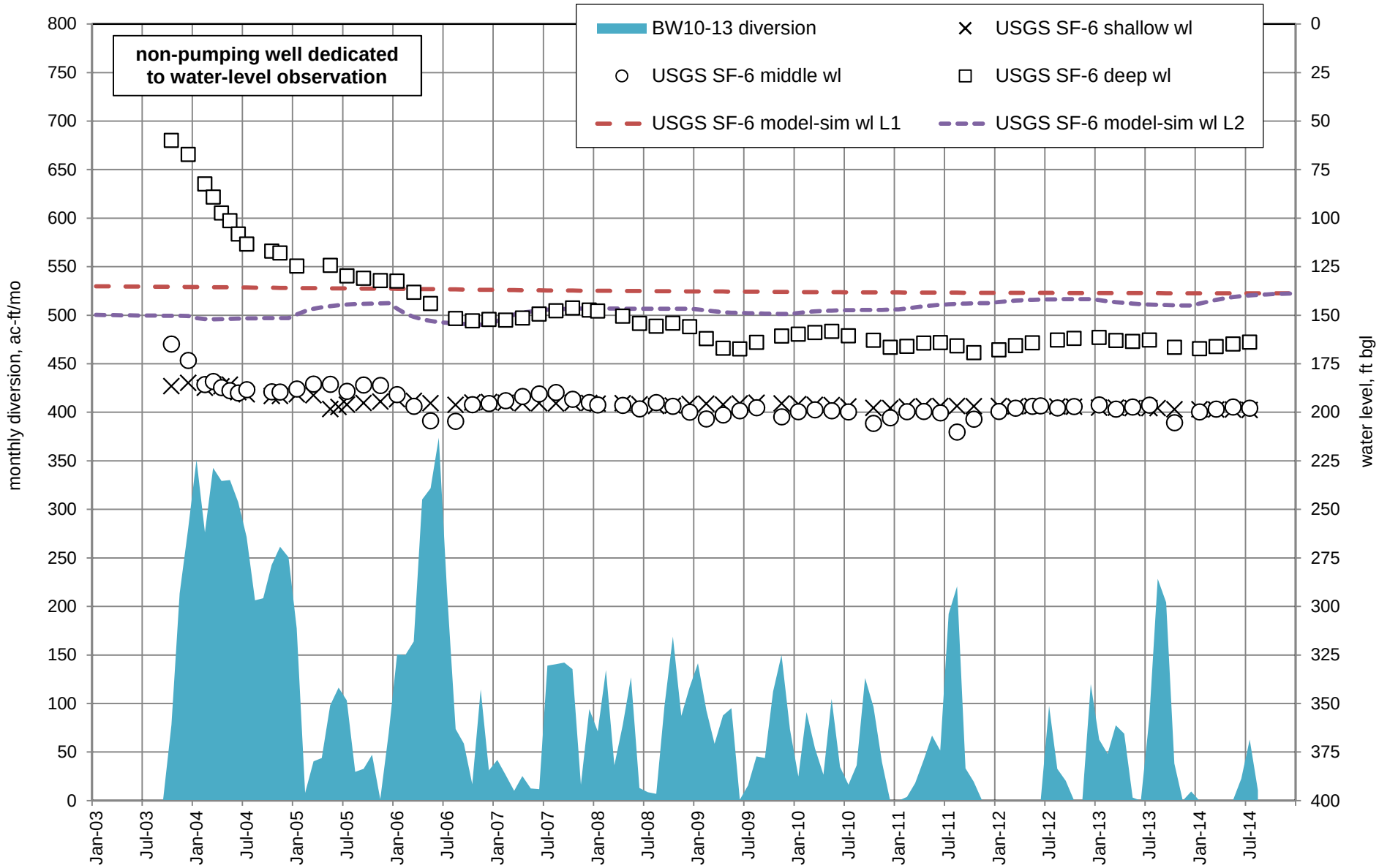



Figure A15. Water levels in U.S. Geological Survey Buckman shallow, middle, and deep piezometers (SF-6 C, B, and A, respectively), and monthly diversions from Buckman Wells 10 through 13, 2003 through 2014.

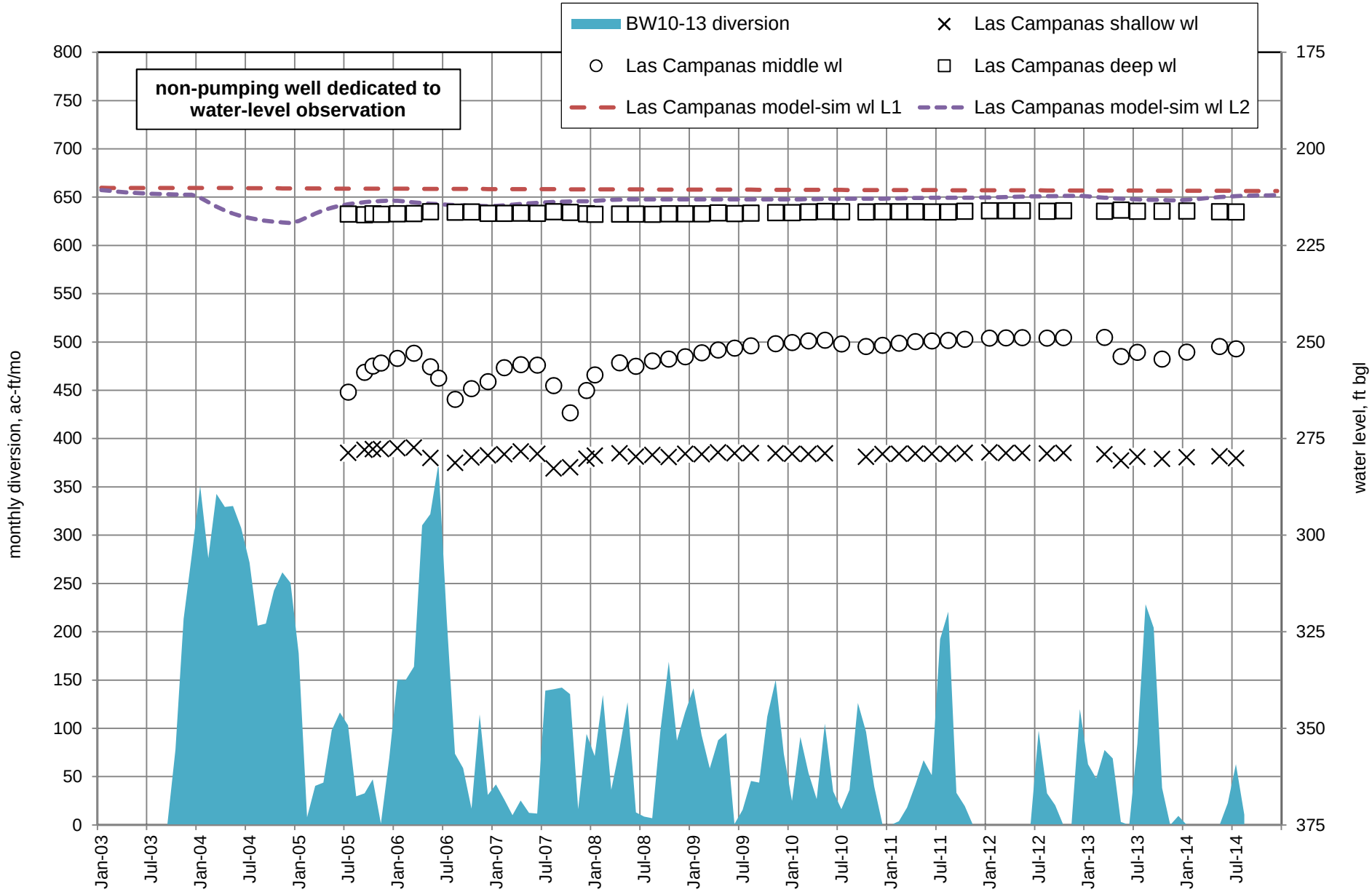



Figure A16. Water levels in U.S. Geological Survey Las Campanas shallow, middle and deep piezometers (C, B, and A, respectively), and monthly diversions from Buckman Wells 10 through 13, 2003 through 2014.

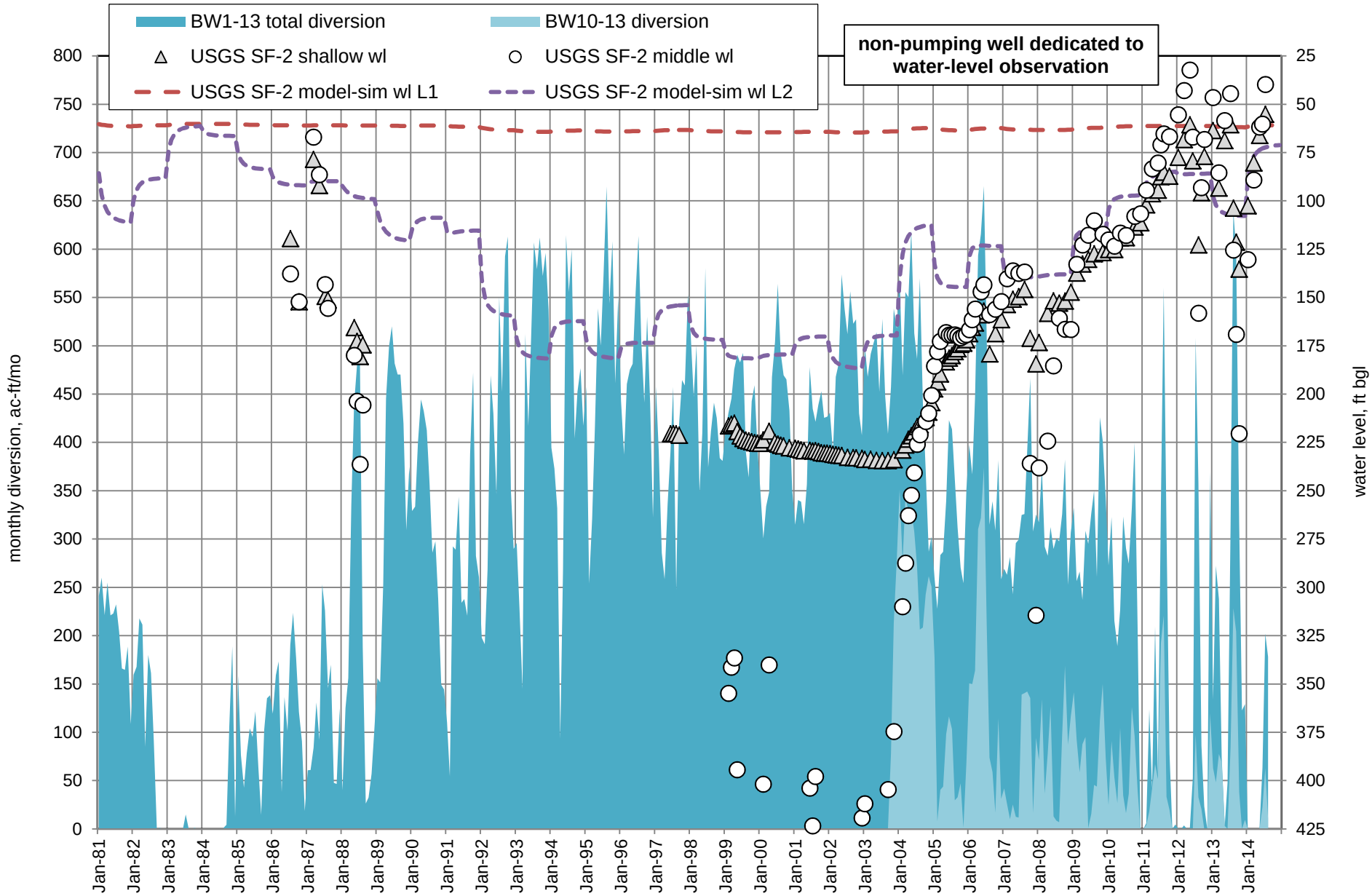



Figure A17. Water levels in U.S. Geological Survey SF-2 shallow and middle piezometers (SF-2 C and B, respectively), and monthly diversions from Buckman Wells 1 through 13, 1981 through 2014.

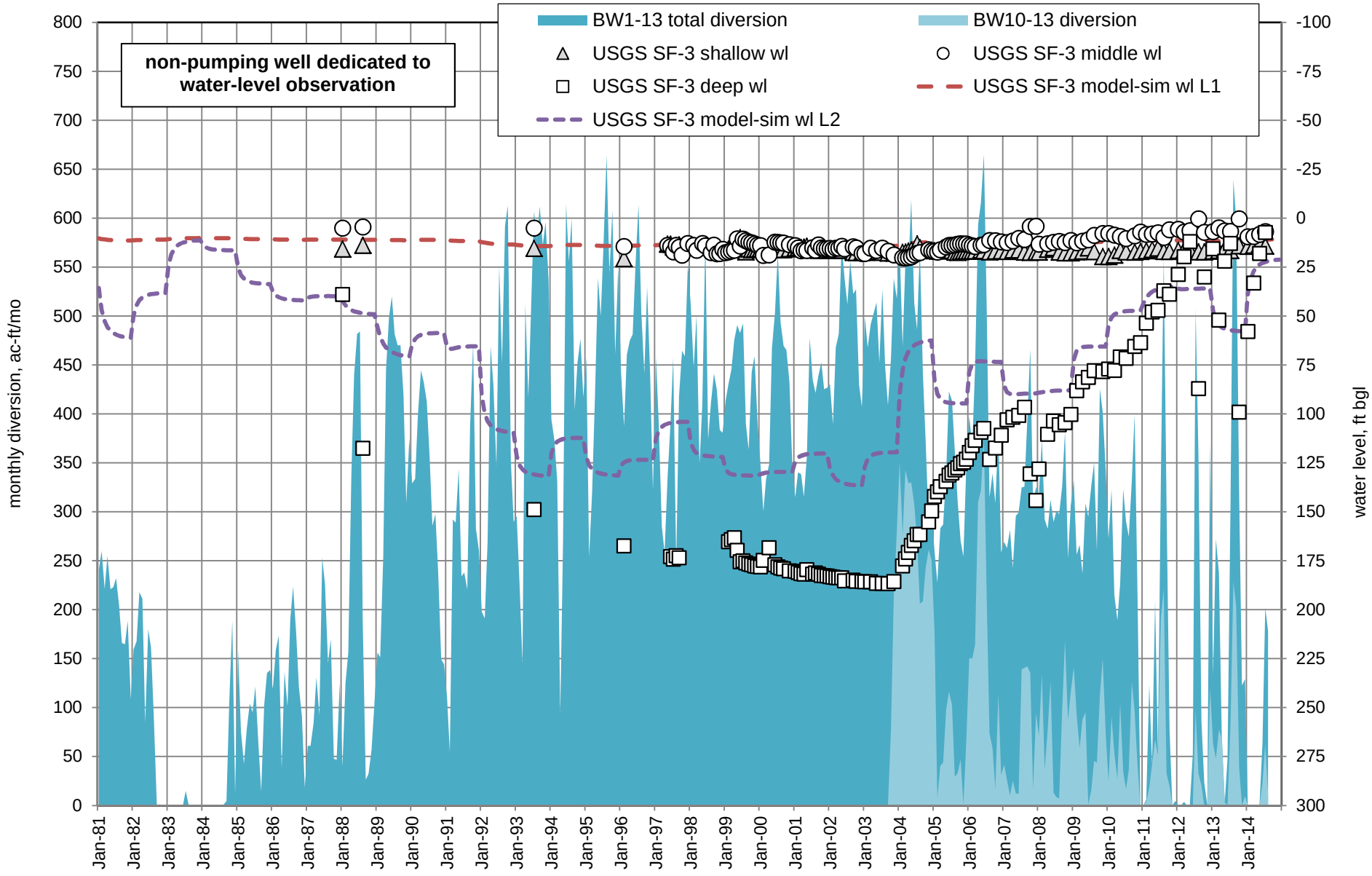



Figure A18. Water levels in U.S. Geological Survey SF-3 shallow, middle and deep piezometers (SF-3 C, B and A, respectively), and monthly diversions from Buckman Wells 1 through 13, 1981 through 2014.

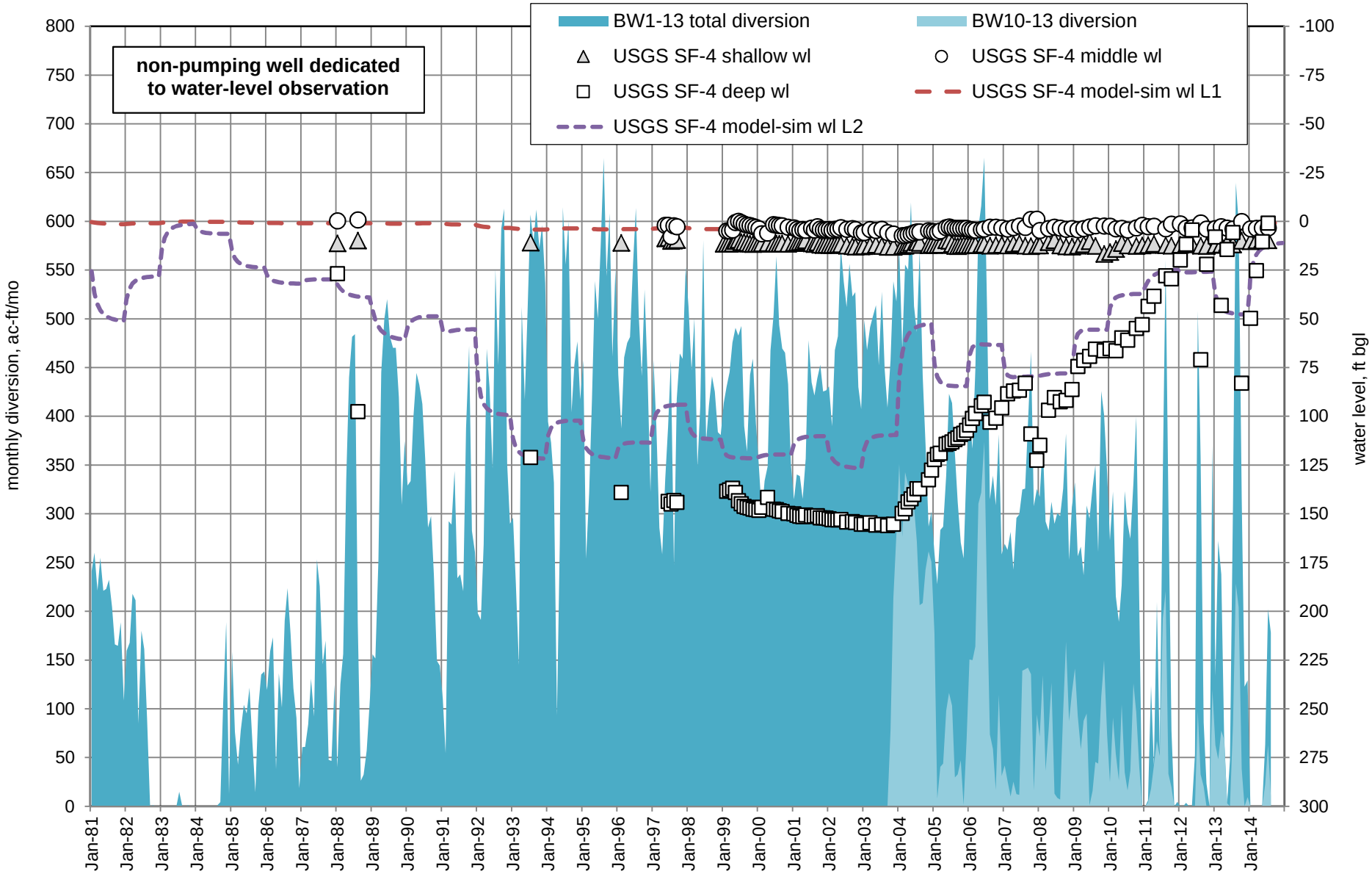



Figure A19. Water levels in U.S. Geological Survey SF-4 shallow, middle and deep piezometers (SF-4 C, B and A, respectively), and monthly diversions from Buckman Wells 1 through 13, 1981 through 2014.

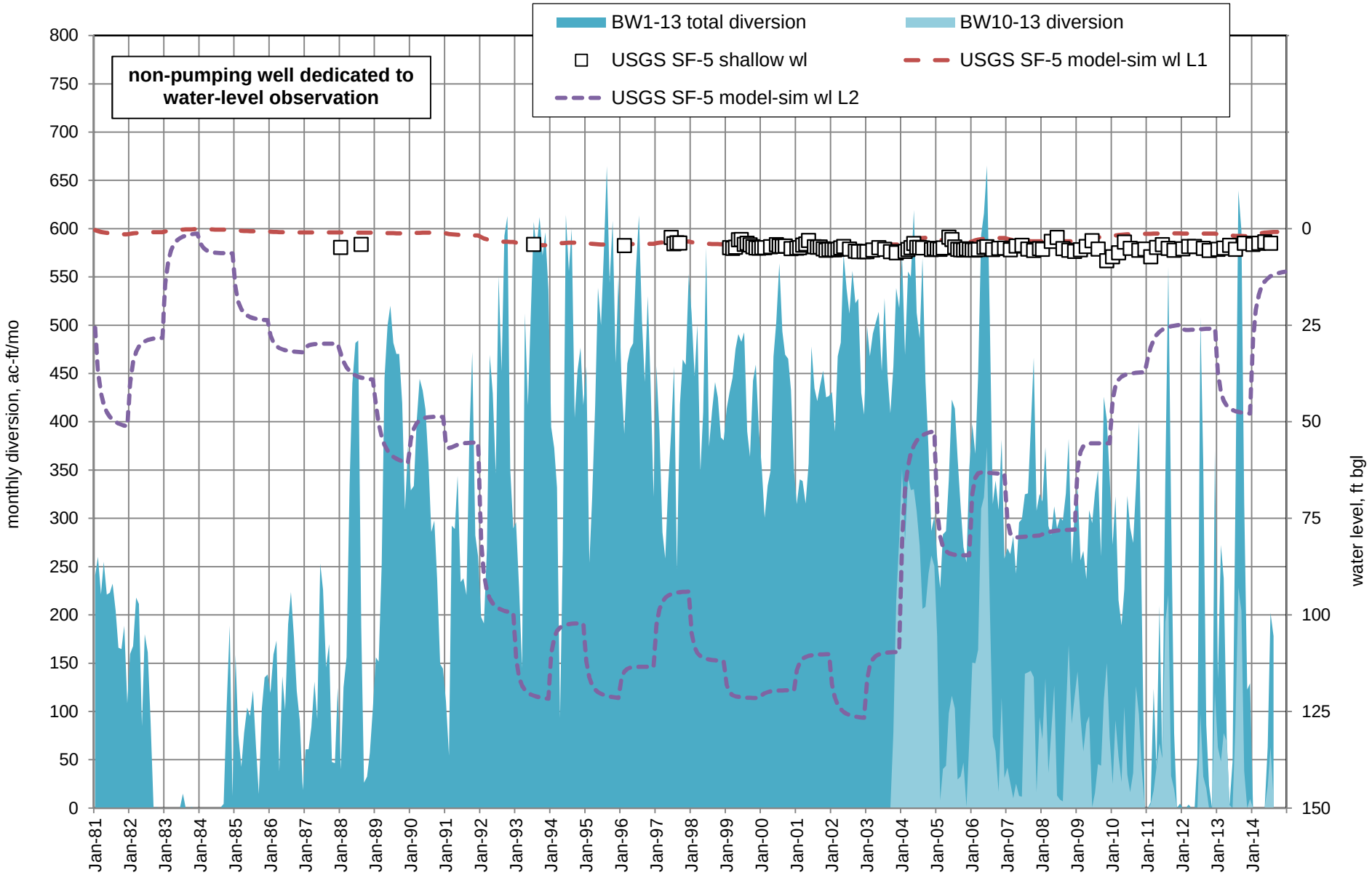



Figure A20. Water levels in U.S. Geological Survey SF-5 shallow piezometer (SF-5 C), and monthly diversions from Buckman Wells 1 through 13, 1981 through 2014.

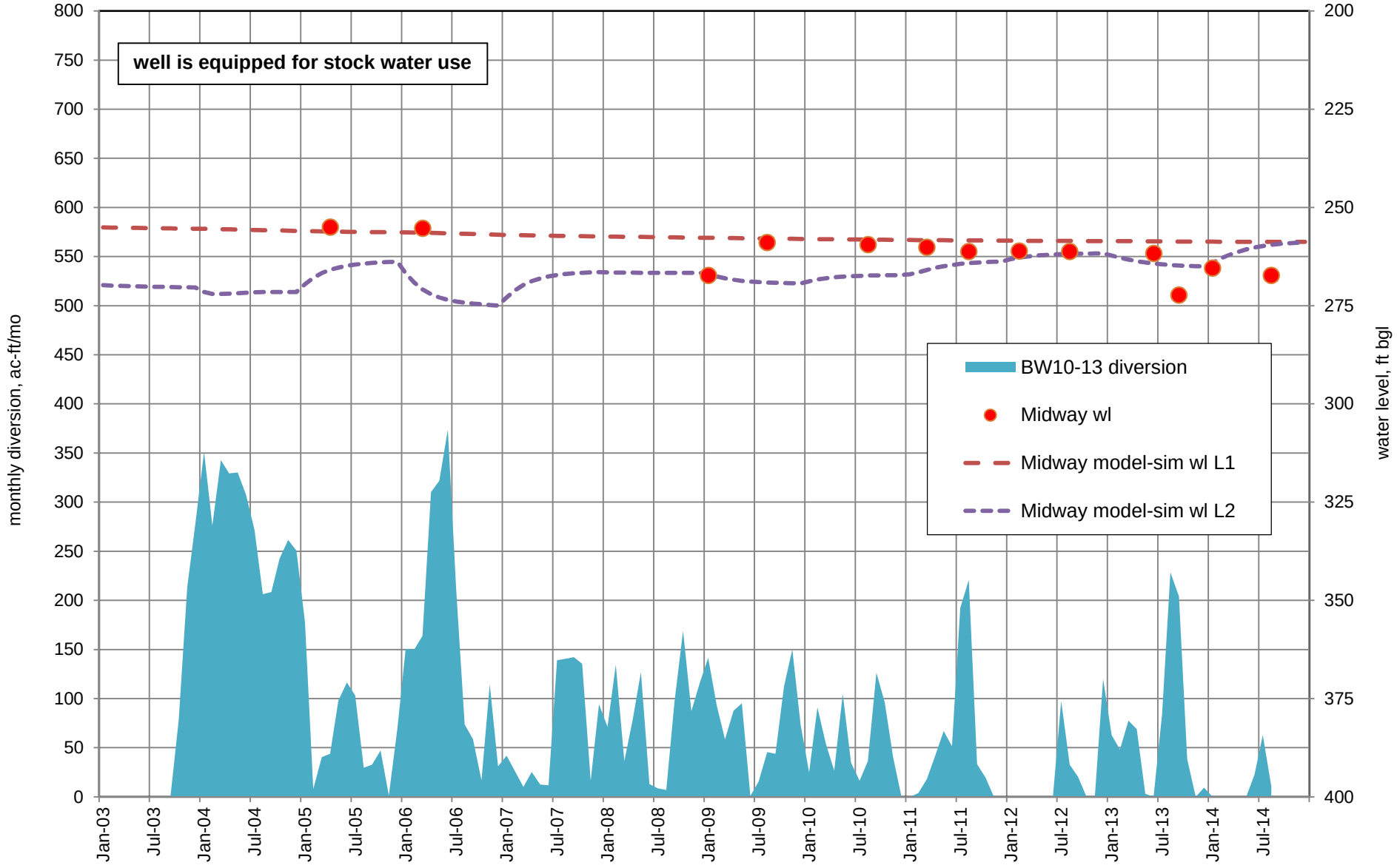



Figure A21. Water levels in Midway Windmill well (RG-438) and monthly diversions from Buckman Wells 10 through 13, 2003 through 2014.

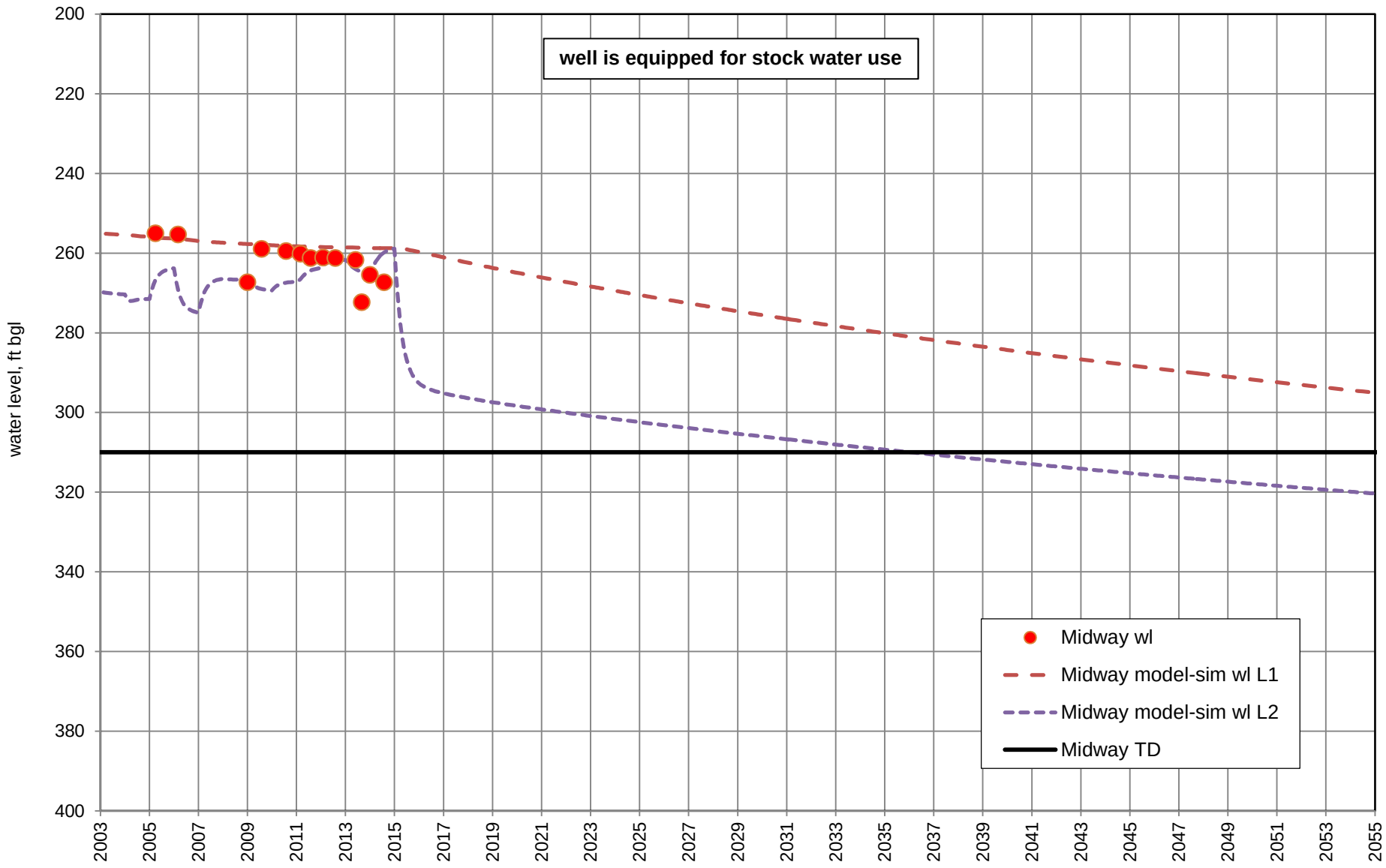



Figure A22. Water levels in Midway Windmill well (RG-438) and model-simulated drawdown with future pumping Scenario 1 (full permitted diversion amounts).

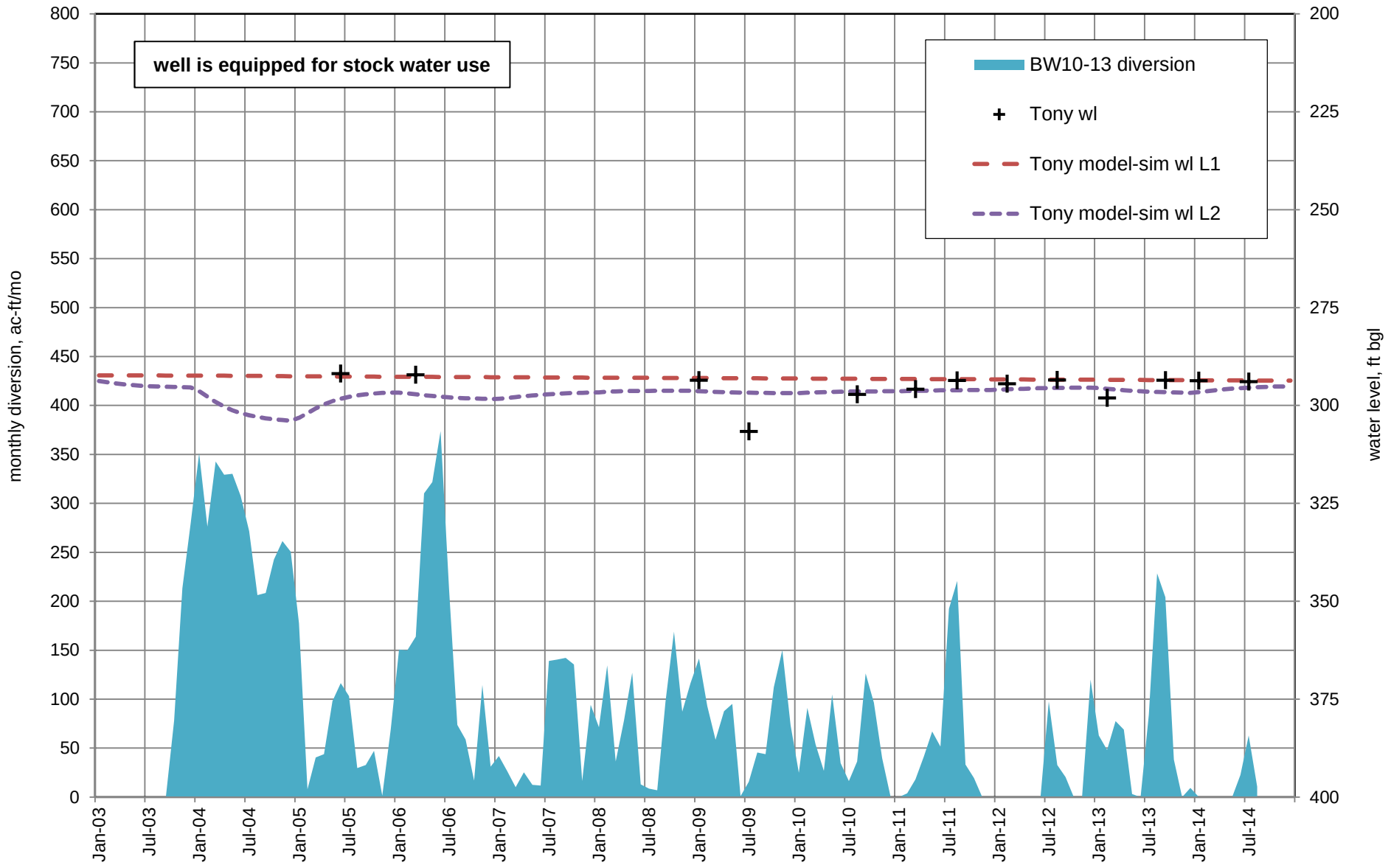



Figure A23. Water levels in Tony Windmill well (RG-6386) and monthly diversions from Buckman Wells 10 through 13, 2003 through 2014.

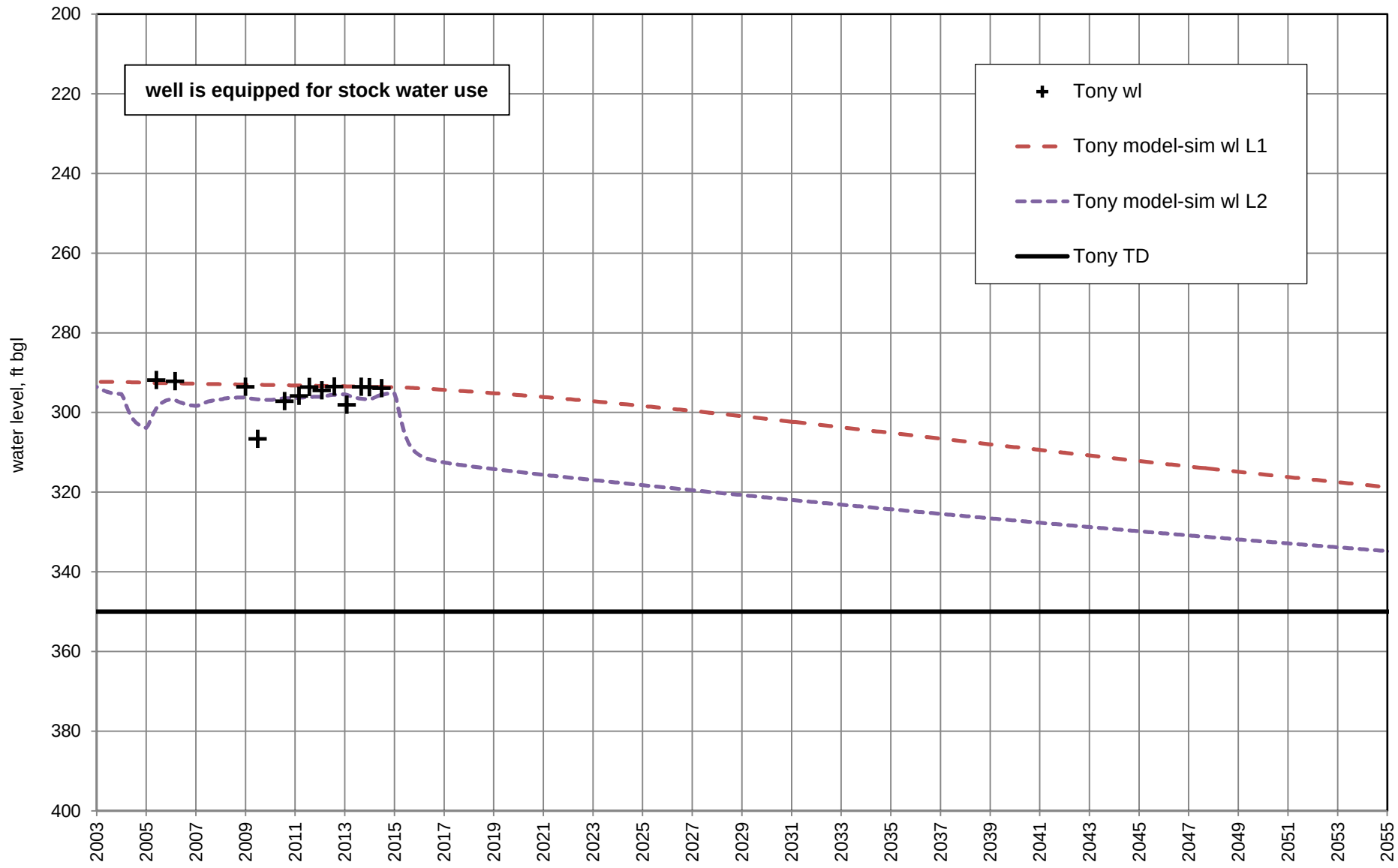



Figure 24. Water levels in Tony Windmill well (RG-6386) and model-simulated drawdown with future pumping Scenario 1 (full permitted diversion amounts).

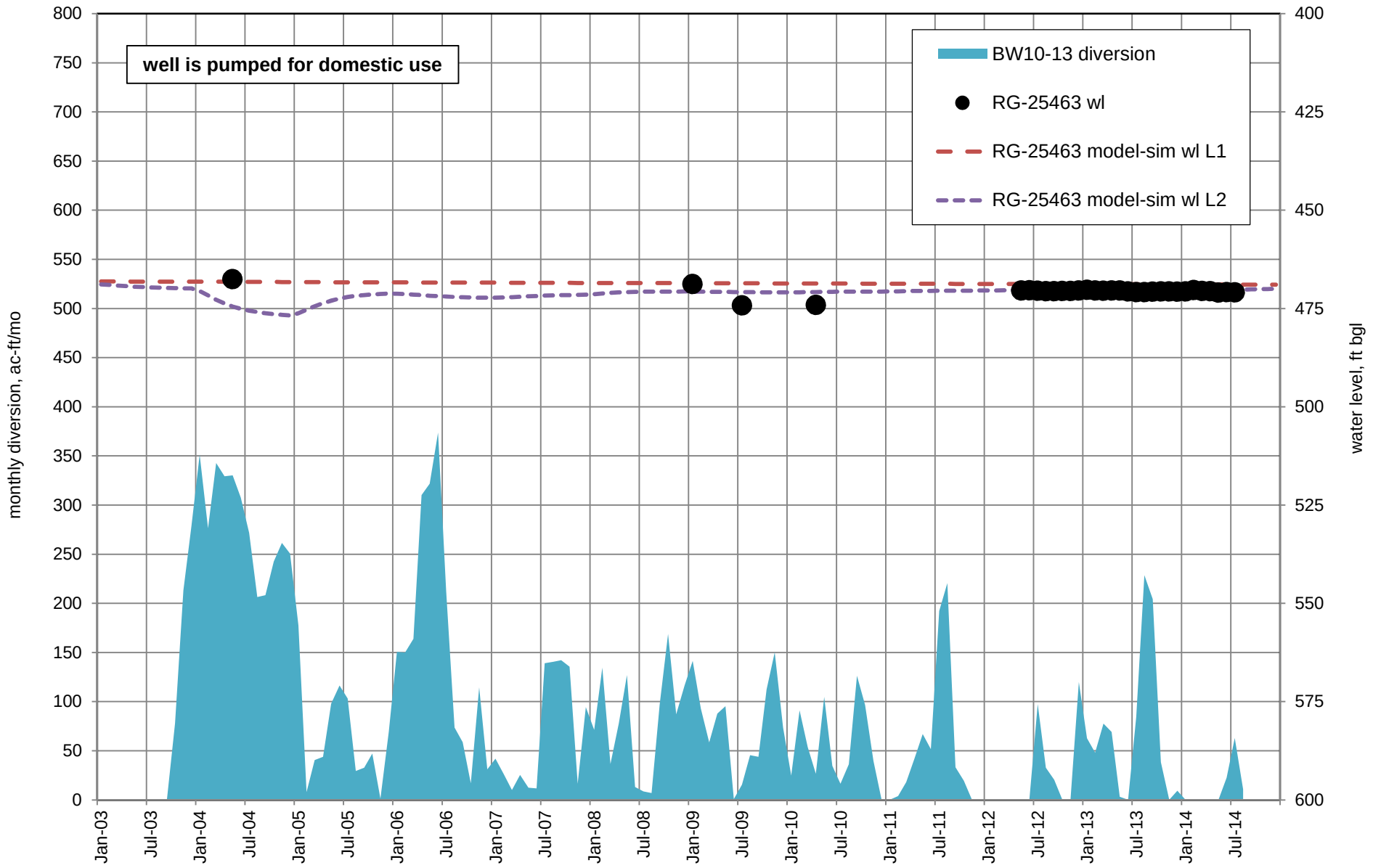



Figure A25. Water levels in well RG-25463 and monthly diversions from Buckman Wells 10 through 13, 2003 through 2014.

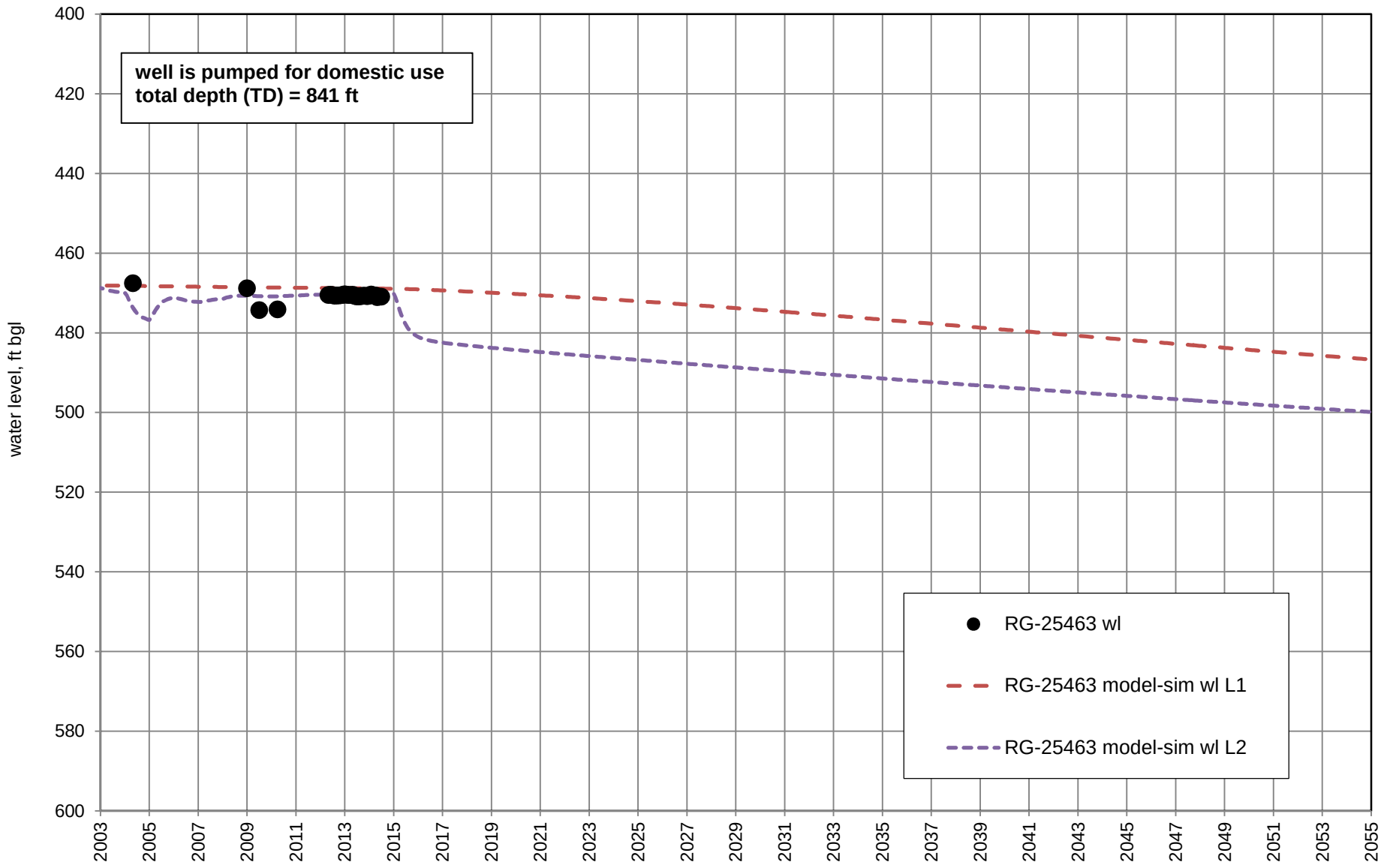



Figure A26. Water levels in well RG-25463 and model-simulated drawdown with future pumping Scenario 1 (full permitted diversion amounts).

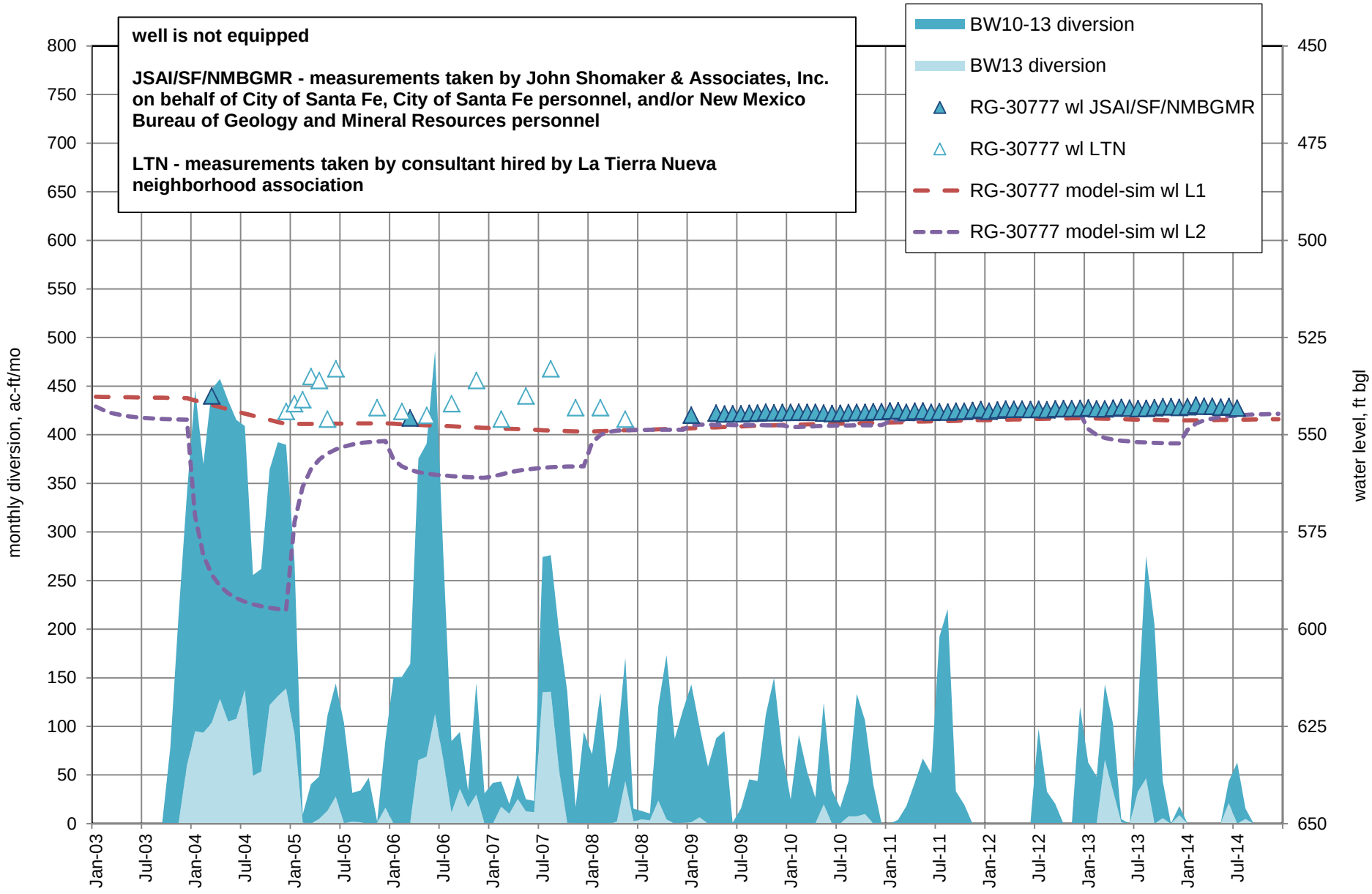



Figure A27. Water levels in well RG-30777 and monthly diversions from Buckman Wells 10 through 13, 2003 through 2014.

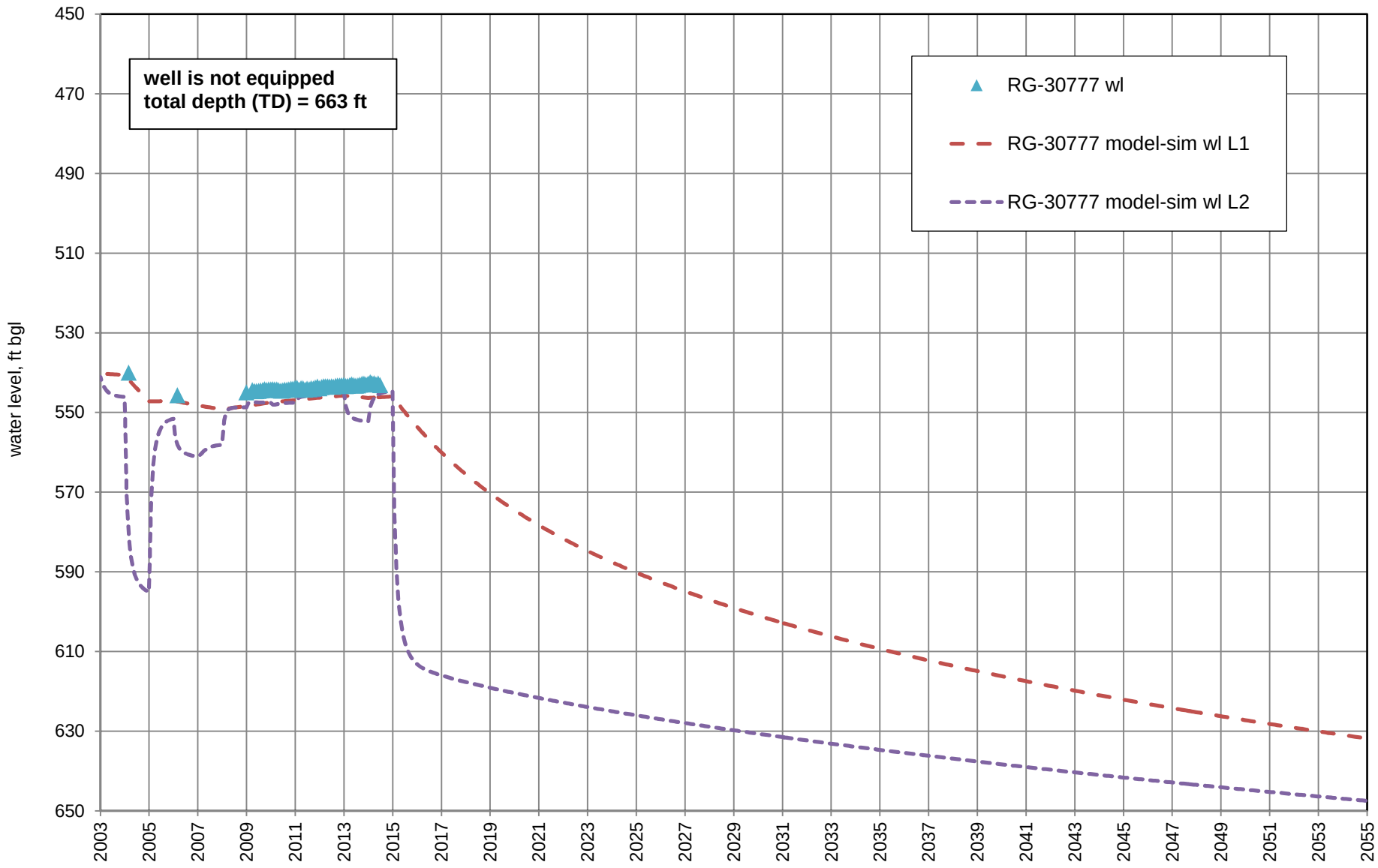



Figure A28. Water levels in well RG-30777 and model-simulated drawdown with future pumping Scenario 1 (full permitted diversion amounts).

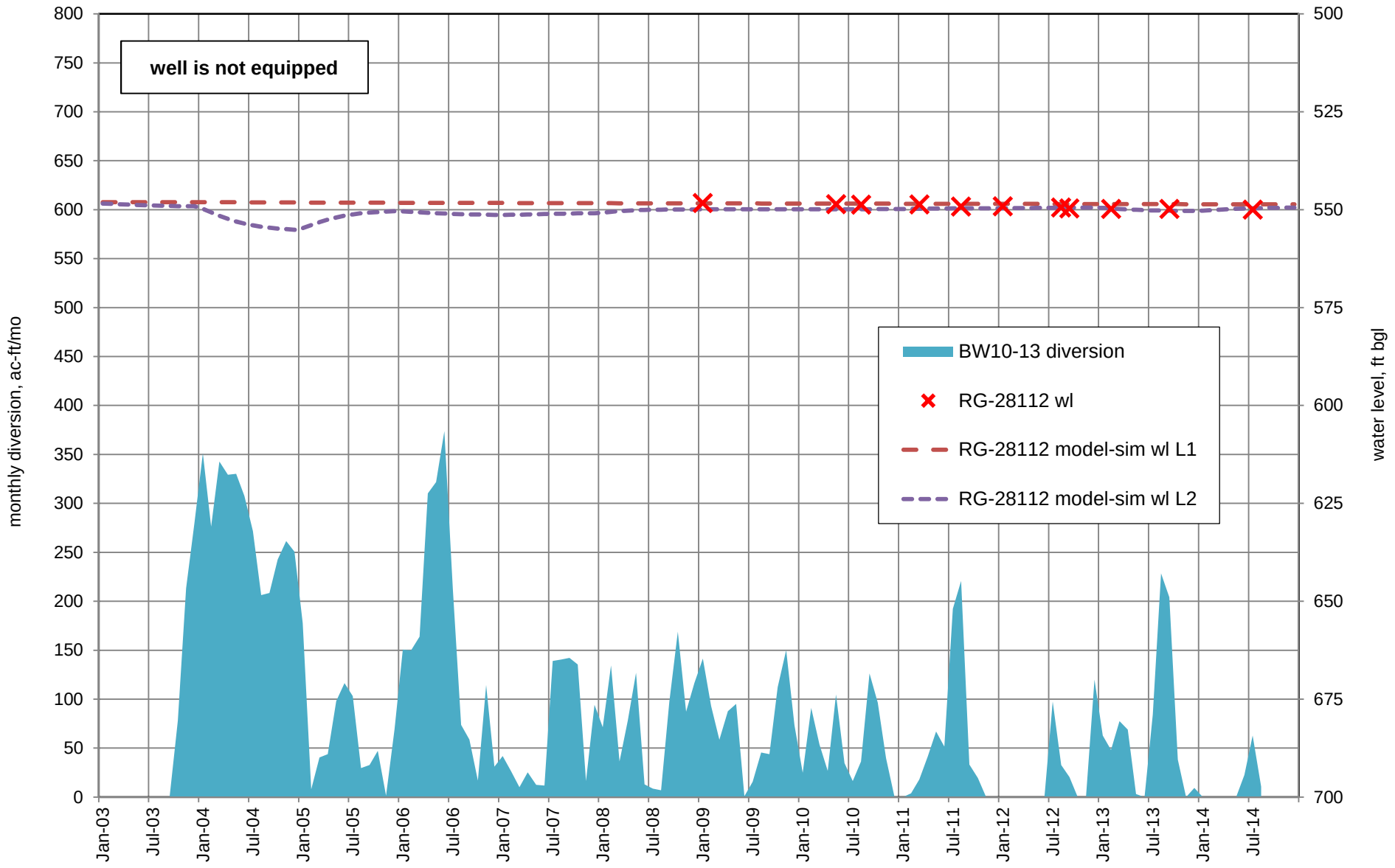



Figure A29. Water levels in well RG-28112 and monthly diversions from Buckman Wells 10 through 13, 2003 through 2014.

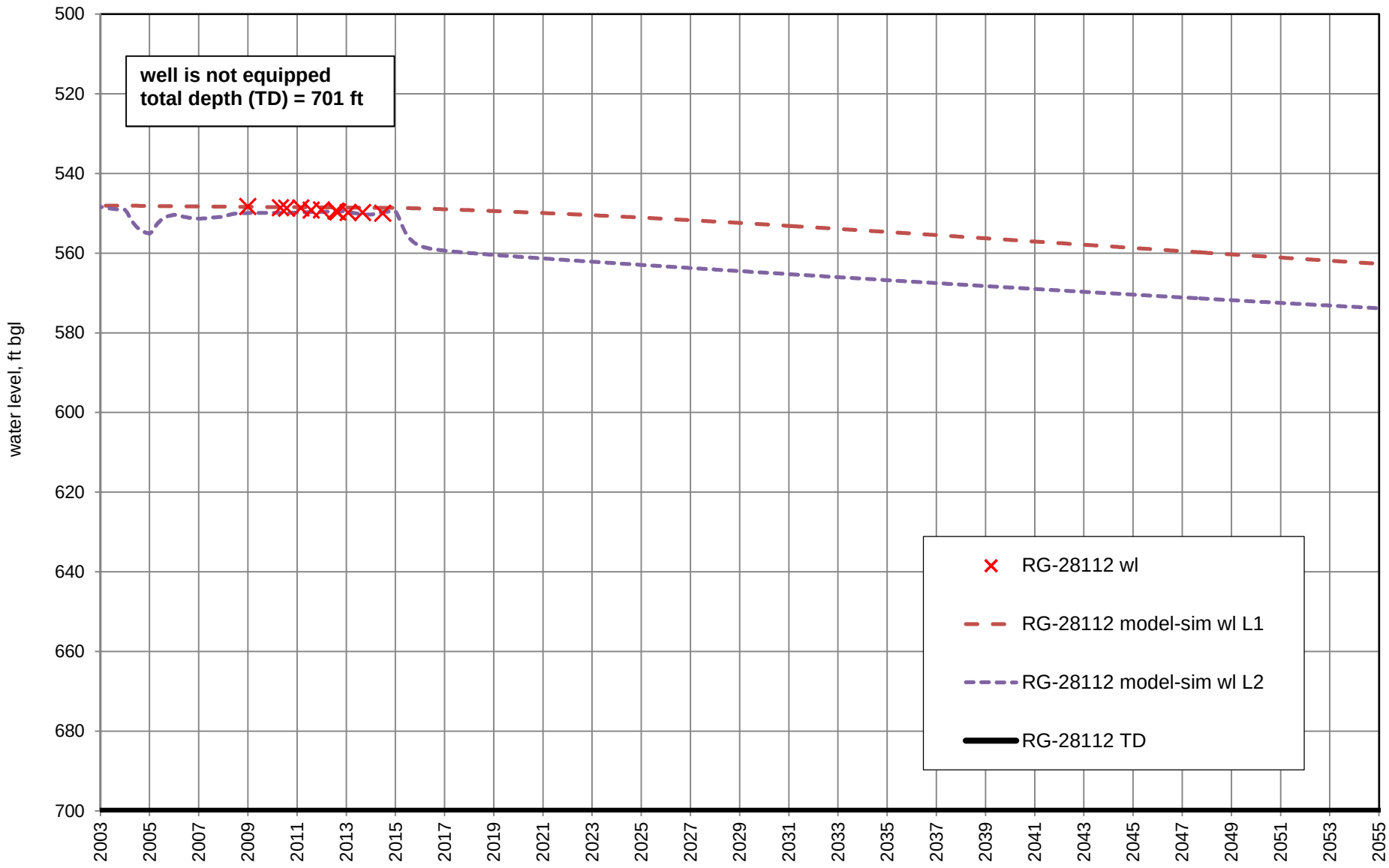



Figure A30. Water levels in well RG-28112 and model-simulated drawdown with future pumping Scenario 1 (full permitted diversion amounts).

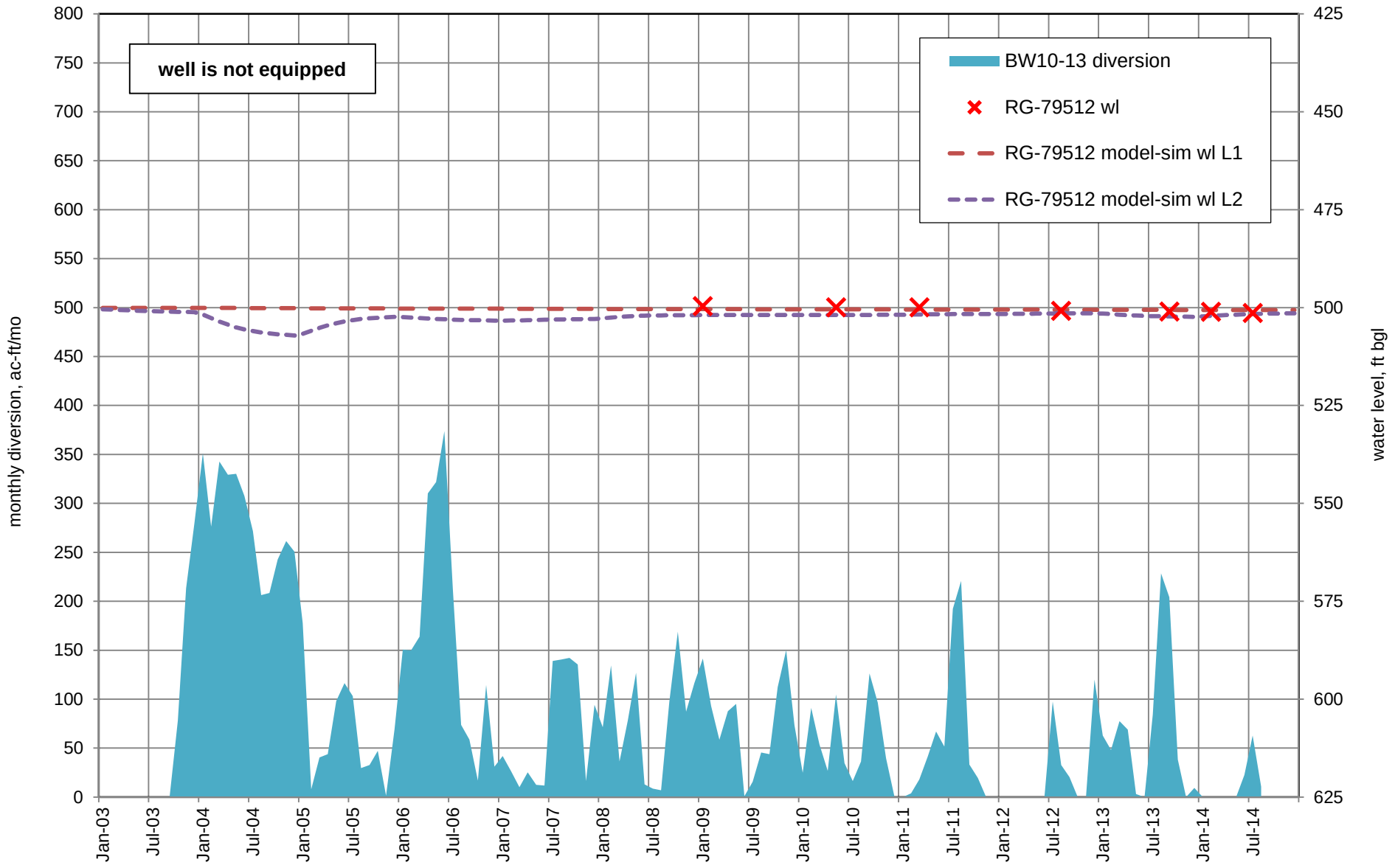



Figure A31. Water levels in well RG-79512 and monthly diversions from Buckman Wells 10 through 13, 2003 through 2014.

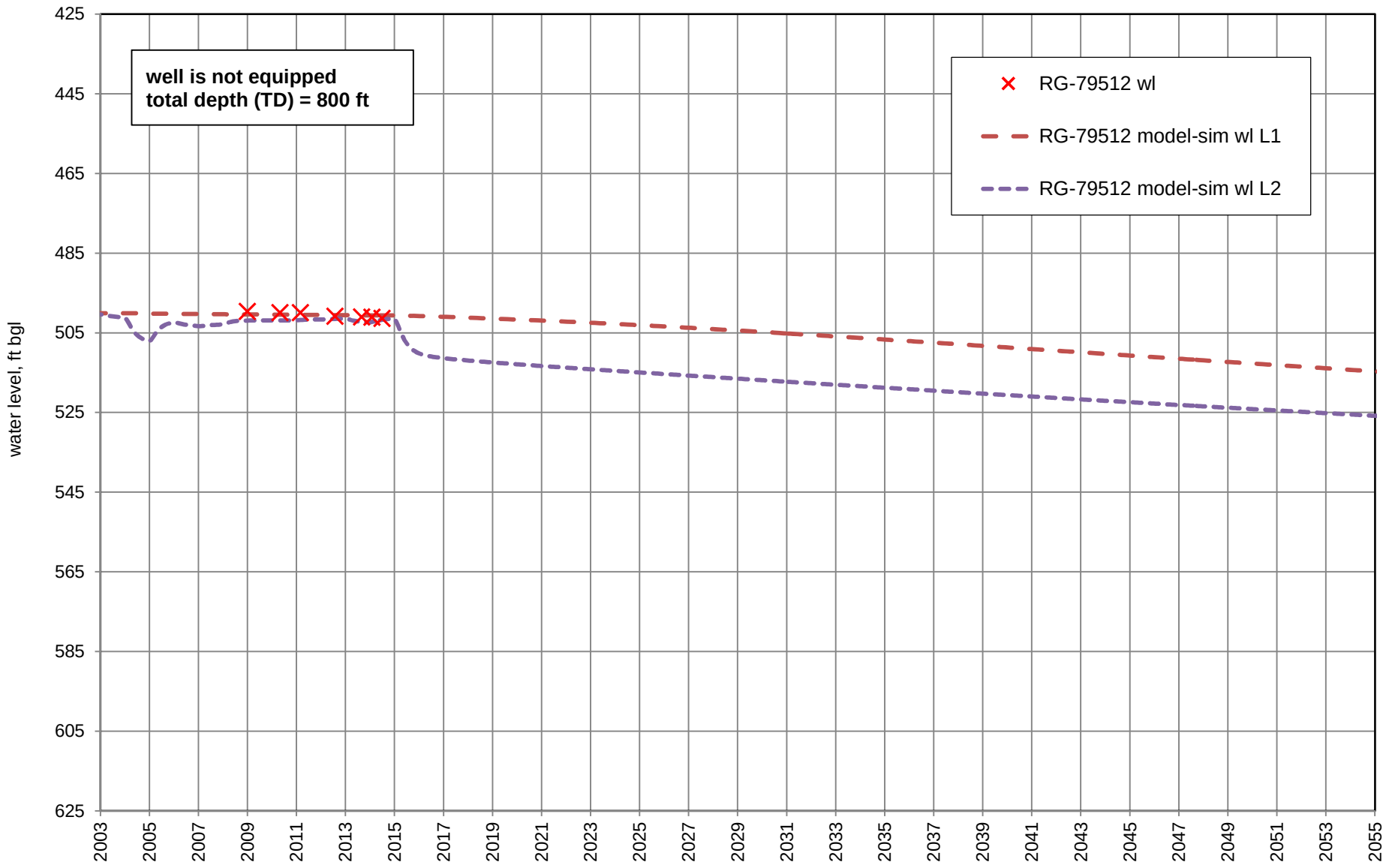



Figure A32. Water levels in well RG-79512 and model-simulated drawdown with future pumping Scenario 1 (full permitted diversion amounts).

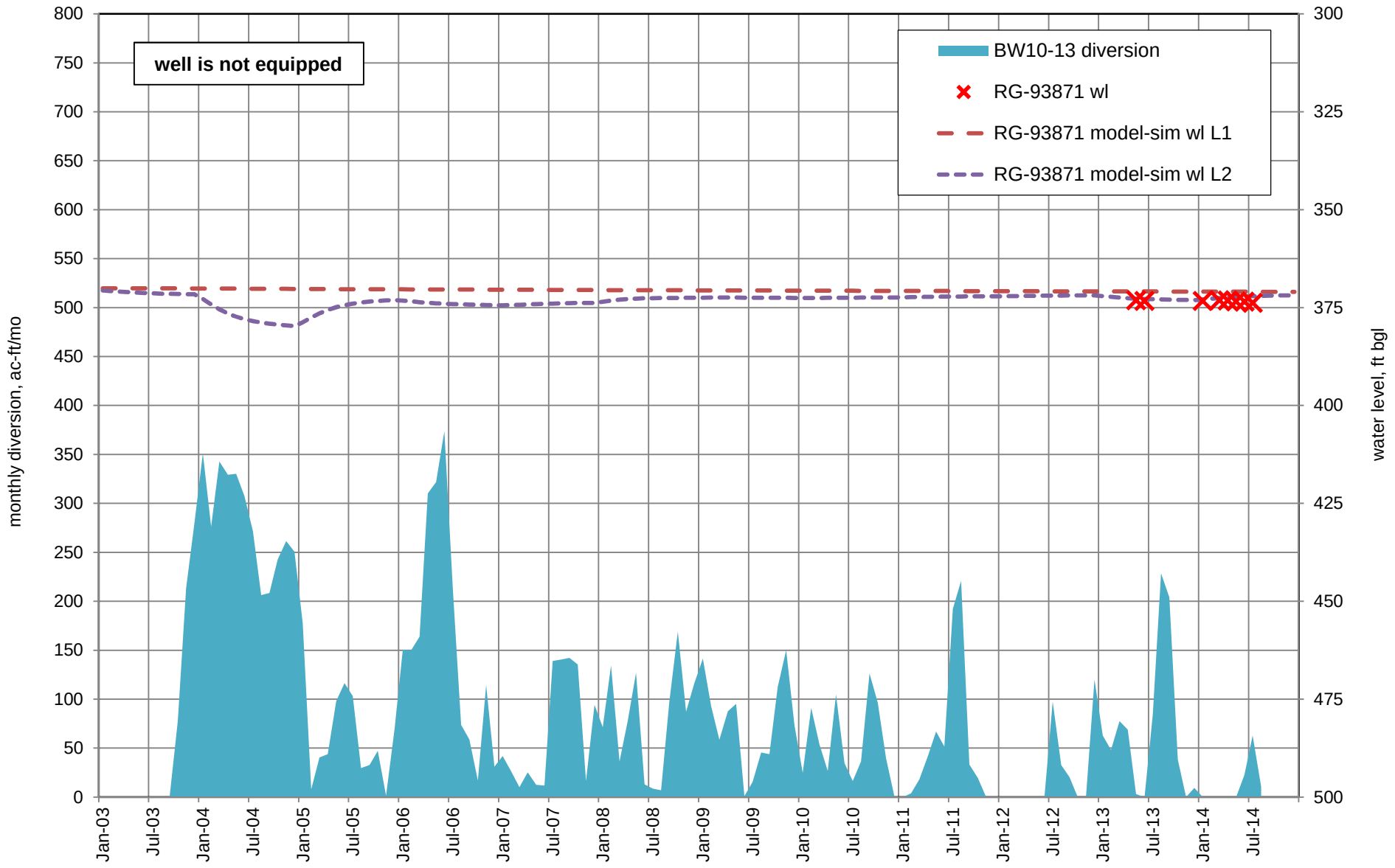



Figure A33. Water levels in La Tierra deep monitoring well RG-93871 and monthly diversions from Buckman Wells 10 through 13, 2003 through 2014.

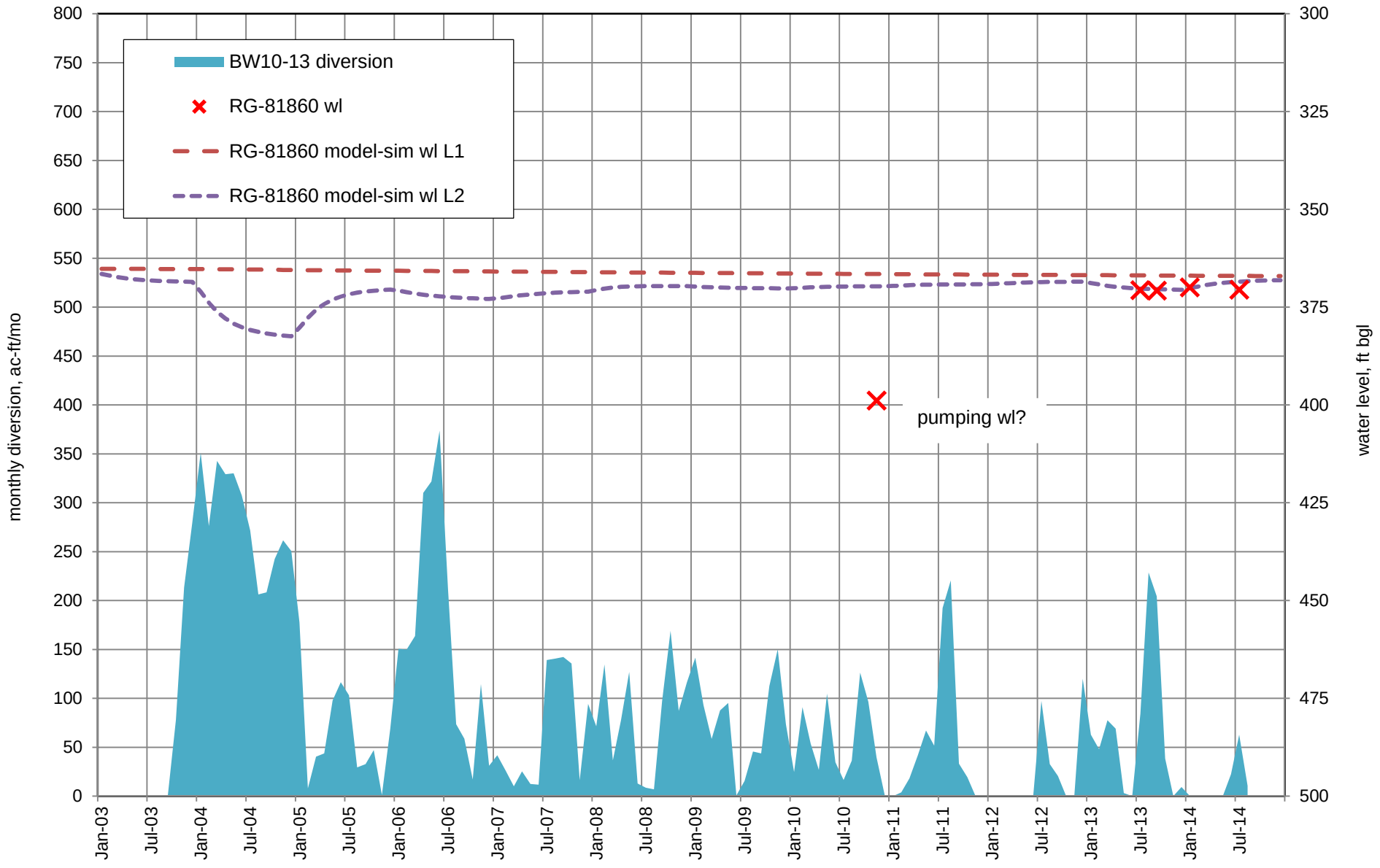



Figure A34. Water levels in well RG-81860 and monthly diversions from Buckman Wells 10 through 13, 2003 through 2014.

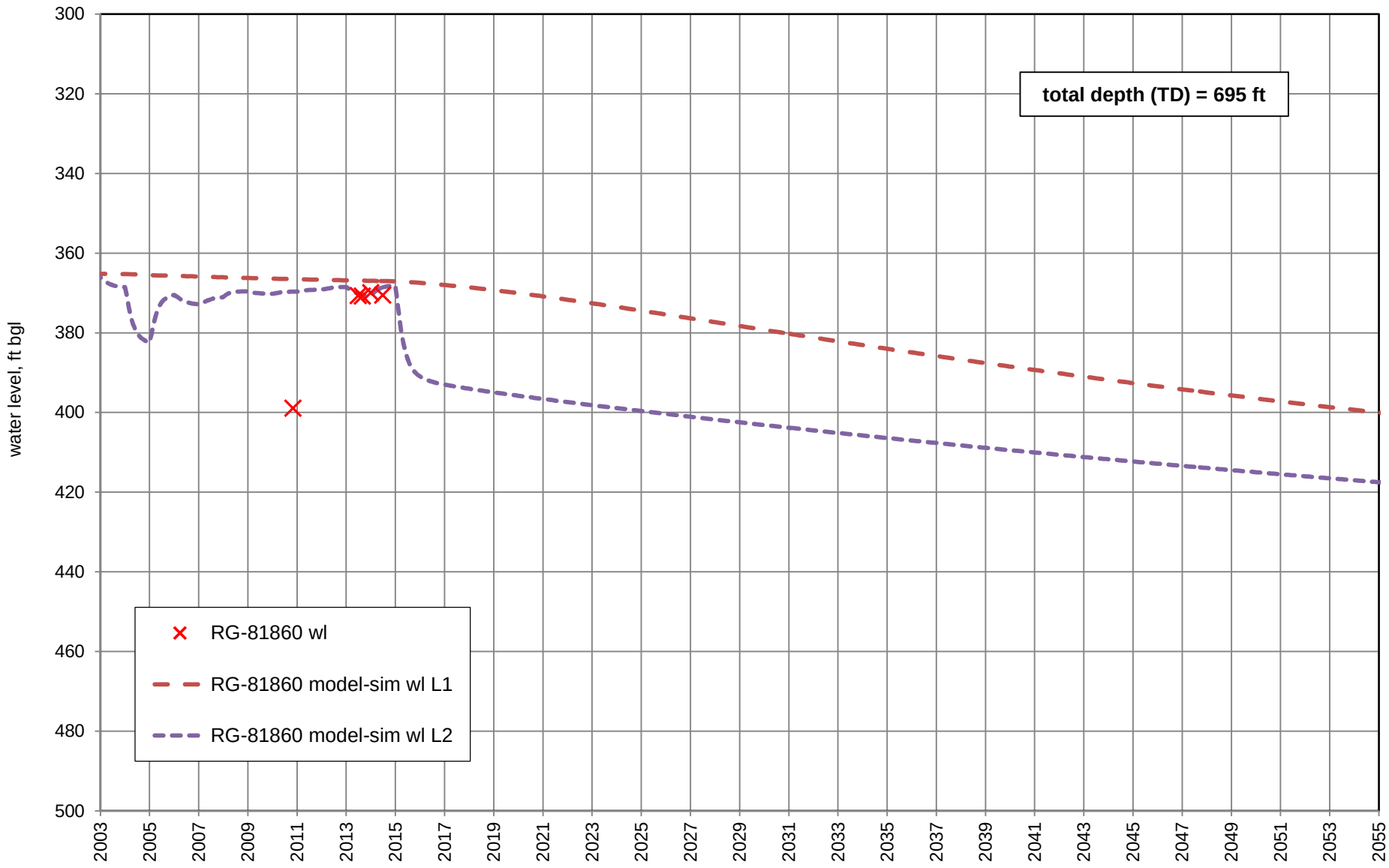



Figure A35. Water levels in well RG-81860 and model-simulated drawdown with future pumping Scenario 1 (full permitted diversion amounts).

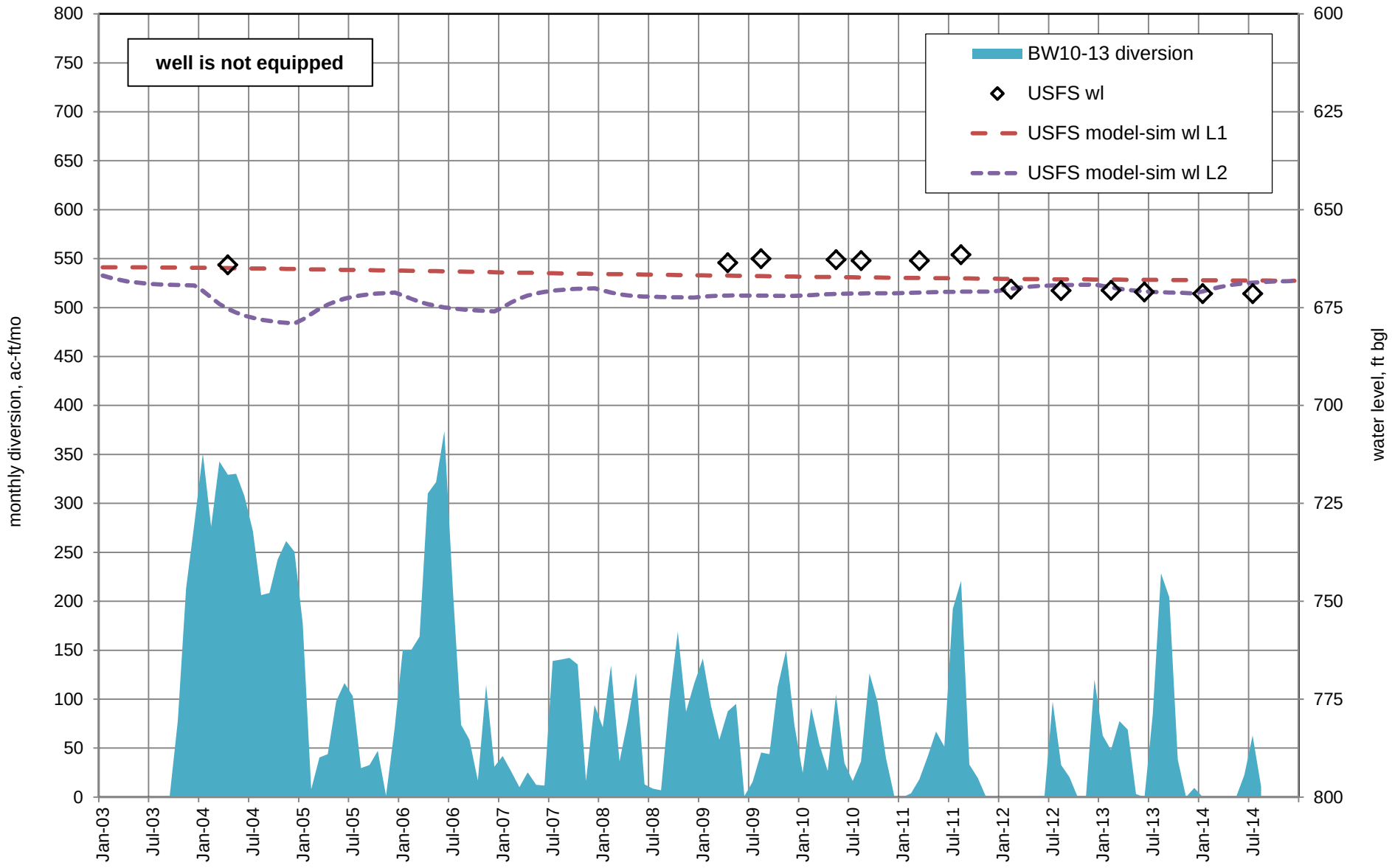



Figure A36. Water levels in U.S. Forest Service well (RG-29723) and monthly diversions from Buckman Wells 10 through 13, 2003 through 2014.

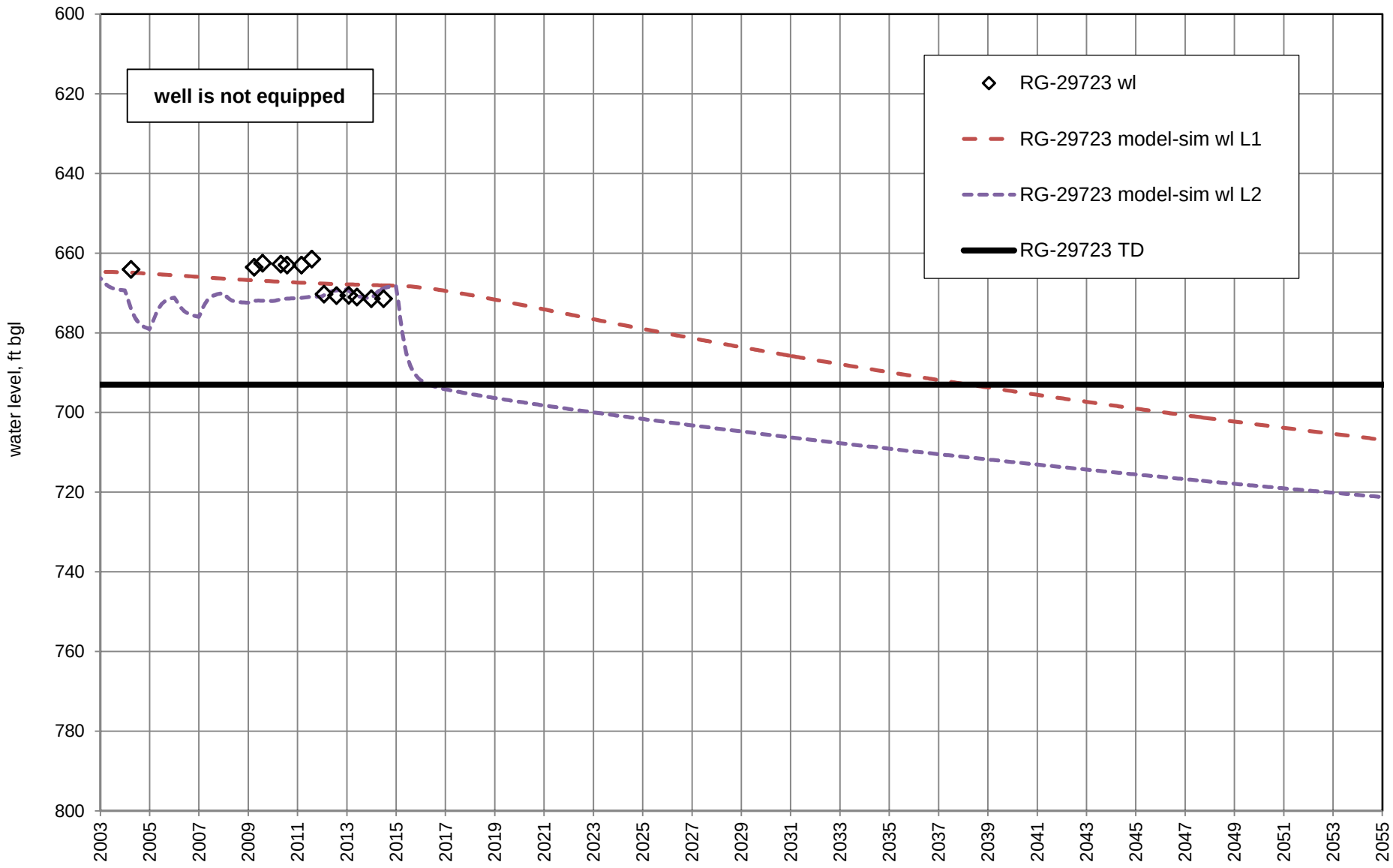



Figure A37. Water levels in U.S. Forest Service well (RG-29723) and model-simulated drawdown with future pumping Scenario 1 (full permitted diversion amounts).

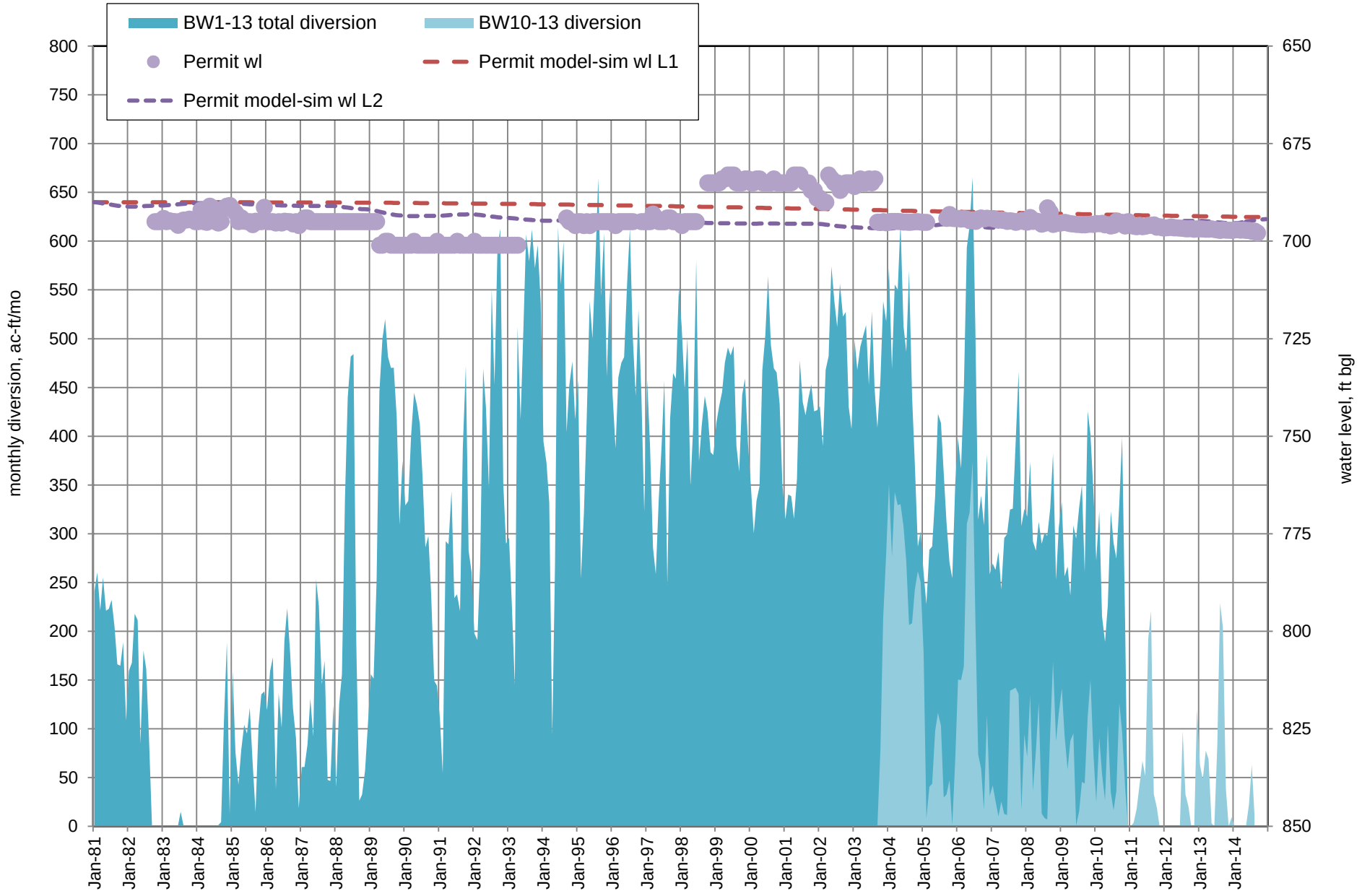



Figure A38. Water levels in Permit well (RG-16681) and monthly diversions from Buckman Wells 10 through 13, 2003 through 2014.

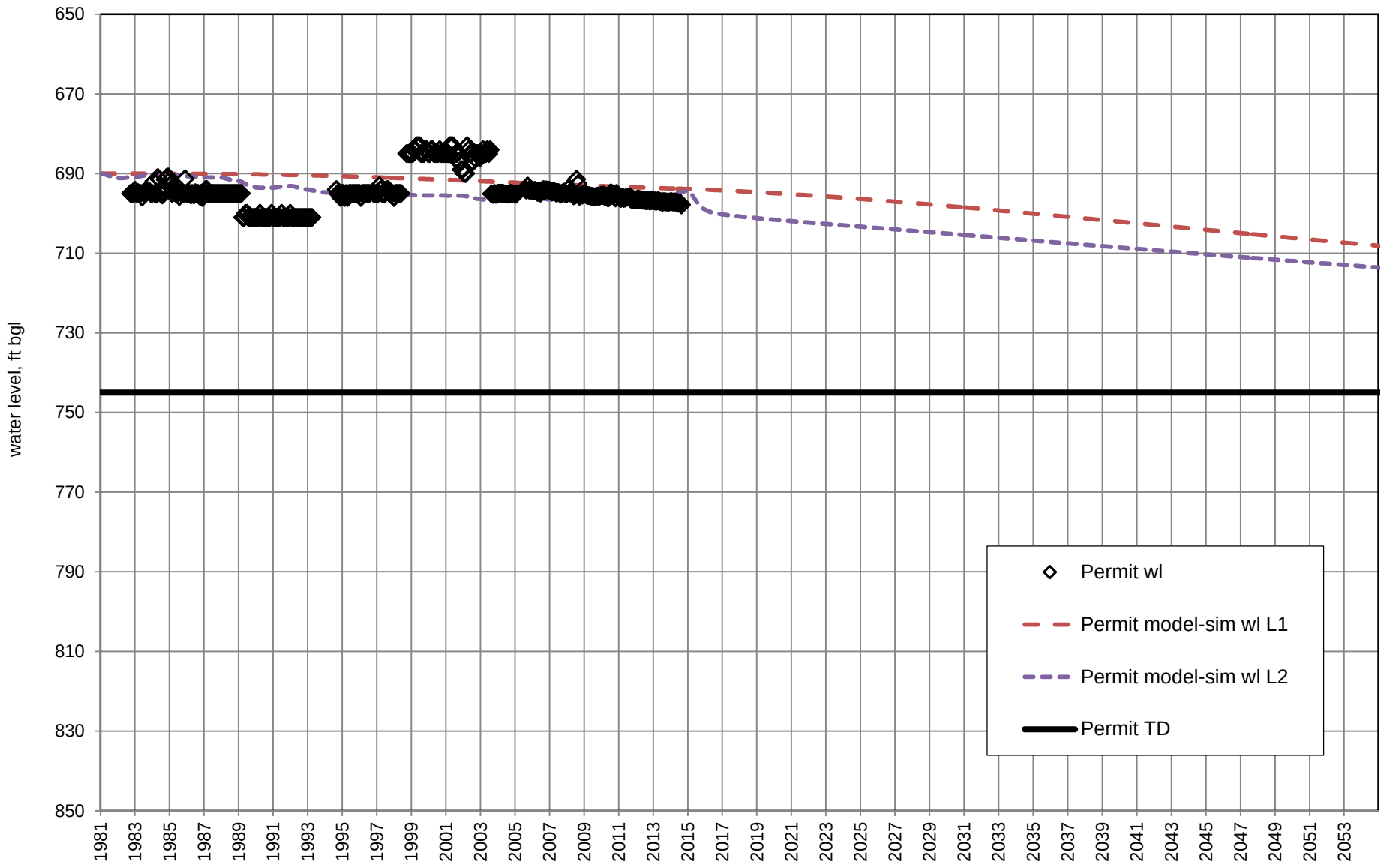



Figure A39. Water levels in Permit Well (RG-16681) and model-simulated drawdown with future pumping Scenario 1 (full permitted diversion amounts).

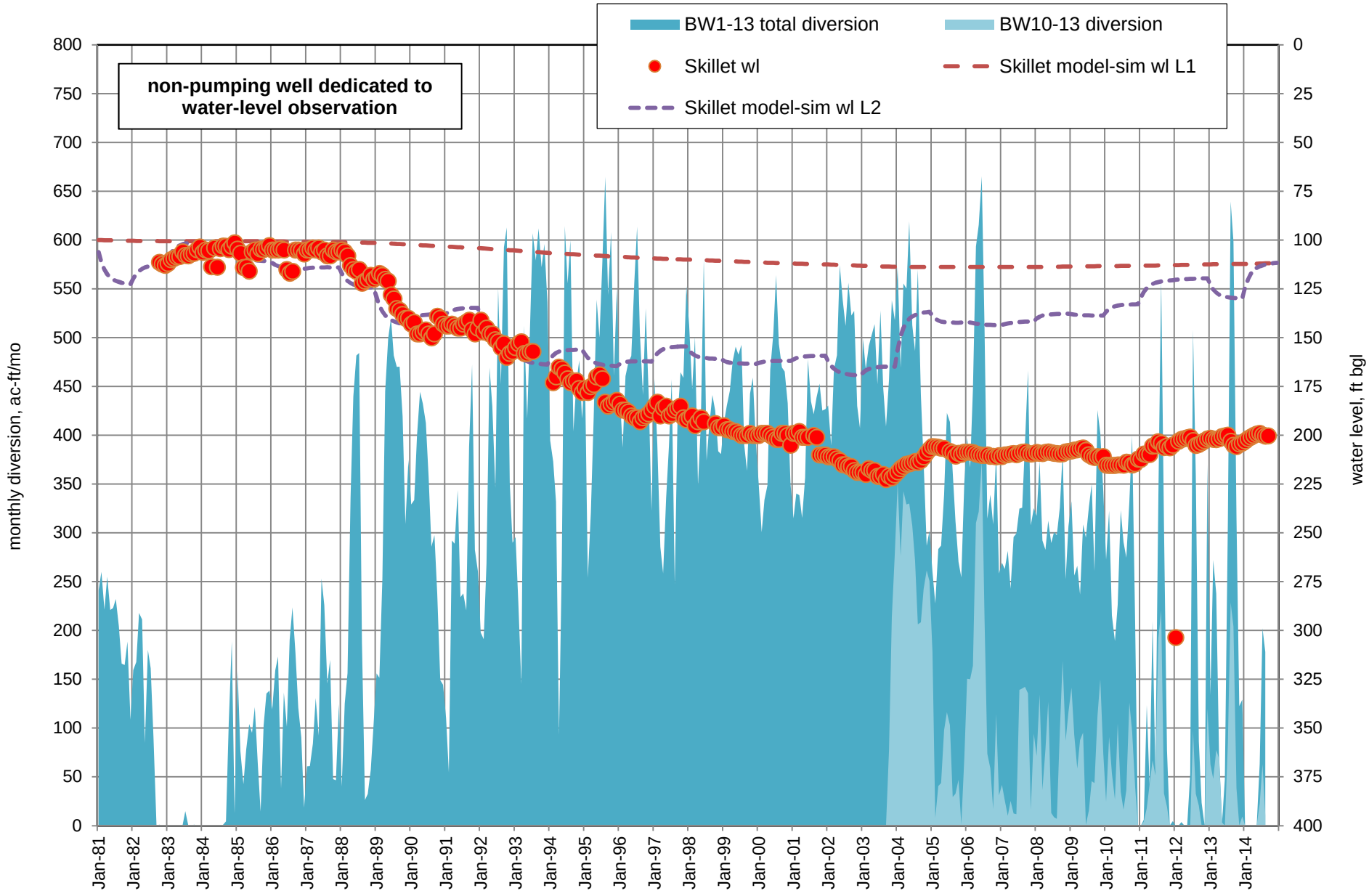



Figure A40. Water levels in Skillet well (RG-21318) and monthly diversions from Buckman Wells 10 through 13, 1981 through 2014.

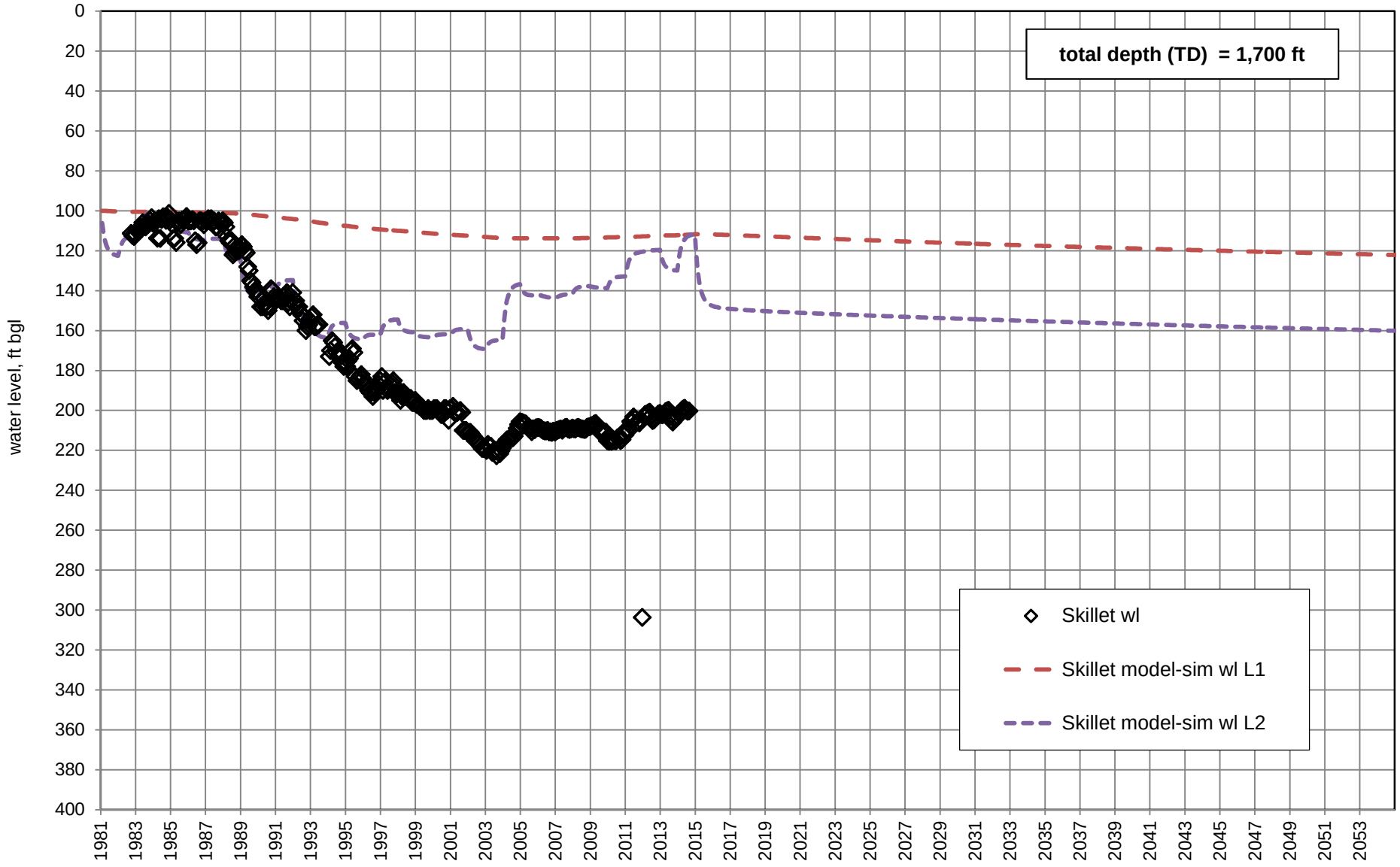



Figure A41. Water levels in Skillet Well (RG-21318) and model-simulated drawdown with future pumping Scenario 1 (full permitted diversion amounts).

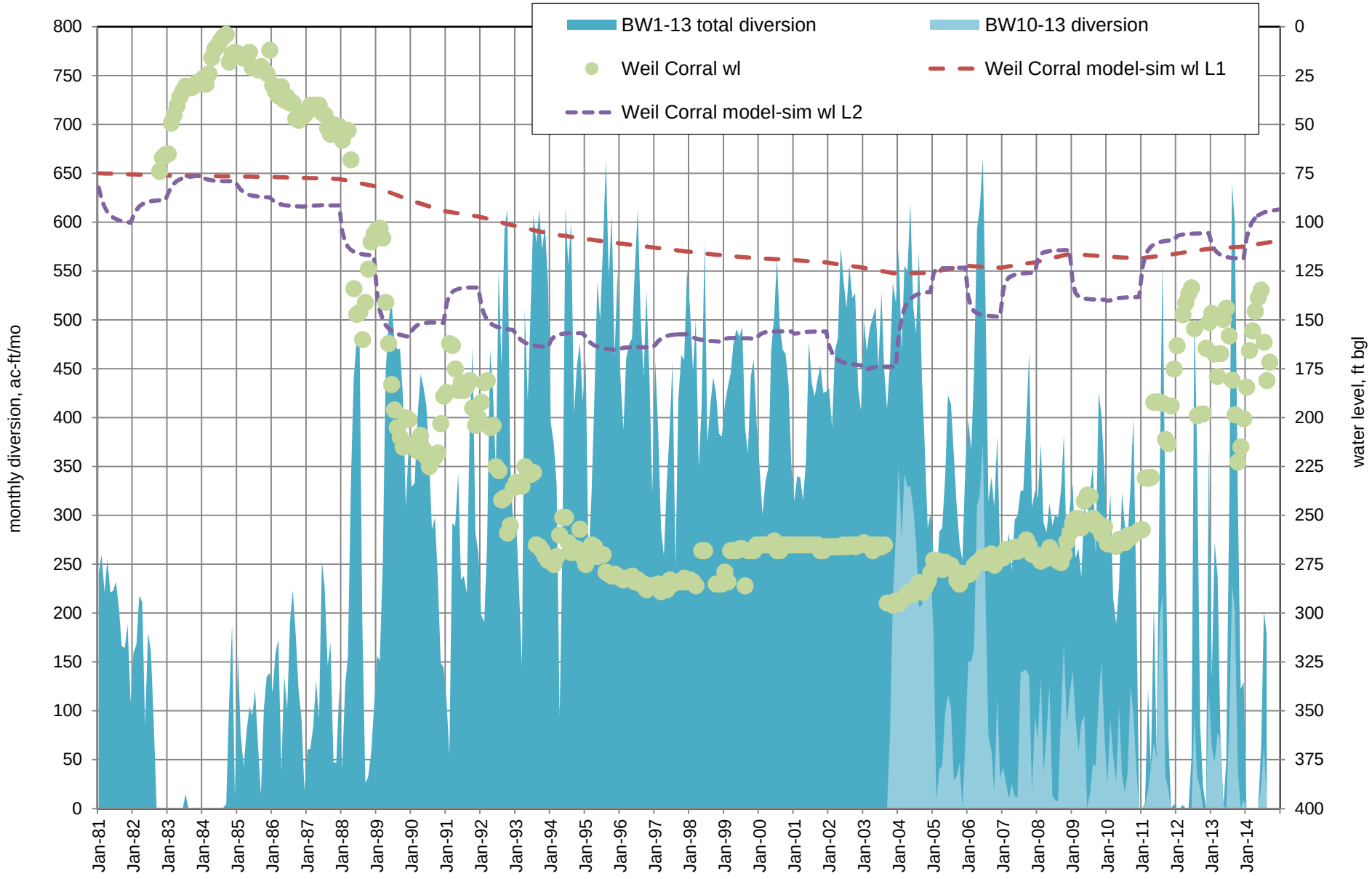



Figure A42. Water levels in Weil Corral well (RG-439) and monthly diversions from Buckman Wells 10 through 13, 1981 through 2014.

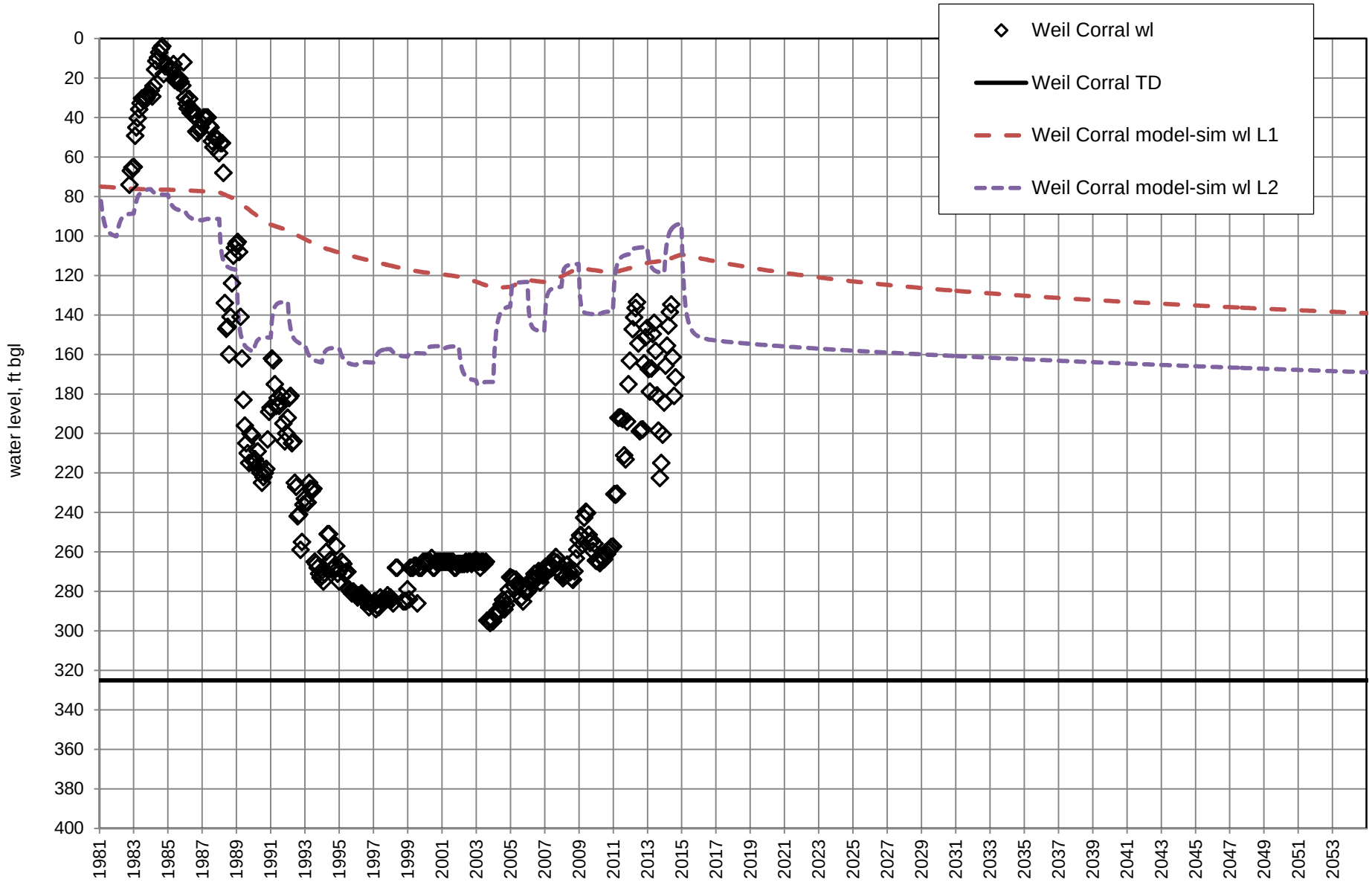



Figure A43. Water levels in Weil Corral Well (RG-439) and model-simulated drawdown with future pumping Scenario 1 (full permitted diversion amounts).

# Appendix B.

## Ten- and 40-year water column projections for Buckman Monitoring Program database wells due to pumping at the full permitted diversion amounts (Scenario 1, model Layer 2)

## Appendix B. Ten- and 40-year water column projections for Buckman Monitoring Program wells due to pumping at the full permitted diversion amounts (Scenario 1, model layer 2)

| NMOSE ID | other ID (NMBGMR/USGS, if any) | name | X, m, UTM83 | Y, m, UTM83 | location ref | total depth, ft | starting water level date | starting non-pumping water level, ft bgl | recent water level date | recent non-pumping water level, ft bgl | observed water level change (+ rise / - decline), ft | 2003-2014 model-simulated water-level change (+ rise / - decline), ft | starting water column, ft | model-simulated 10-yr drawdown, ft | water column after 10 yrs, ft | percent water column remaining after 10 yrs | model-simulated 40-yr drawdown, ft | water column after 40 yrs, ft | percent water column remaining after 40 yrs | comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | EB269/355000106092802 | SF-2B | 395,390 | 3,966,086 | NMBGMR | 824 | 1/14/03 | 411.94 | 7/24/14 | 39.80 | 372.1 | 115.3 | 784 | 67.8 | 716.4 | 91 | 73.3 | 710.9 | 91 | |
| | EB270/355000106092803 | SF-2C | 395,376 | 3,966,092 | NMBGMR | 346 | 1/14/03 | 233.84 | 7/24/14 | 55.20 | 178.6 | 115.3 | 291 | 67.8 | 223.0 | 77 | 73.3 | 217.5 | 75 | |
| | EB265/355002106093701 | SF-3A | 395,131 | 3,966,203 | NMBGMR | 294 | 1/14/03 | 185.73 | 7/24/14 | 7.27 | 178.5 | 115.3 | 287 | 67.8 | 219.0 | 76 | 73.3 | 213.5 | 74 | |
| | EB266/355002106093702 | SF-3B | 395,137 | 3,966,202 | NMBGMR | 169 | 1/14/03 | 17.99 | 7/24/14 | 6.83 | 11.2 | 115.3 | 162 | 67.8 | 94.4 | 58 | 73.3 | 88.9 | 55 | |
| | EB267/355002106093703 | SF-3C | 395,127 | 3,966,201 | NMBGMR | 60 | 1/14/03 | 17.39 | 7/24/14 | 14.16 | 3.2 | 115.3 | 46 | 67.8 | -21.9 | **-48** | 73.3 | **-27.4** | -60 | |
| | EB262/355003106094301 | SF-4A | 395,004 | 3,966,182 | NMBGMR | 280 | 1/14/03 | 155.30 | 7/24/14 | 0.90 | 154.4 | 115.3 | 279 | 67.8 | 211.3 | 76 | 73.3 | 205.8 | 74 | |
| | EB263/355003106094302 | SF-4B | 395,004 | 3,966,182 | NMBGMR | 130 | 1/14/03 | 5.74 | 7/24/14 | 3.37 | 2.4 | 115.3 | 127 | 67.8 | 58.9 | 46 | 73.3 | 53.4 | 42 | |
| | EB264/355003106094303 | SF-4C | 395,004 | 3,966,182 | NMBGMR | 60 | 1/14/03 | 12.78 | 7/24/14 | 9.75 | 3.0 | 115.3 | 50 | 67.8 | -17.5 | **-35** | 73.3 | **-23.0** | -46 | |
| | EB261/355006106094803 | SF-5C | 394,928 | 3,966,358 | NMBGMR | 69 | 1/14/03 | 5.95 | 7/24/14 | 3.75 | 2.2 | 115.3 | 65 | 67.8 | -2.5 | **-4** | 73.3 | **-8.0** | -12 | |
| | EB298/354731106072001 | Buckman Deep Piez. (SF-6A) | 398,587 | 3,961,476 | NMBGMR | 2,440 | 10/24/03 | 59.90 | 7/24/14 | 163.83 | -103.9 | 10.6 | 2,276 | 43.5 | 2,232.6 | 98 | 61.5 | 2,214.7 | 97 | |
| | EB299/354731106072002 | Buckman Middle Piez. (SF-6B) | 398,587 | 3,961,476 | NMBGMR | 1,340 | 10/24/03 | 164.83 | 7/24/14 | 197.84 | -33.0 | 10.6 | 1,142 | 43.5 | 1,098.6 | 96 | 61.5 | 1,080.7 | 95 | |
| | EB300/354731106072003 | Buckman Shallow Piez. (SF-6C) | 398,587 | 3,961,476 | NMBGMR | 480 | 10/24/03 | 186.56 | 7/24/14 | 198.84 | -12.3 | 10.6 | 281 | 43.5 | 237.6 | 85 | 61.5 | 219.7 | 78 | |
| | EB608/354228106044901 | Las Campanas Deep Piez. | 402,225 | 3,952,079 | NMBGMR | 1,990 | 7/6/05 | 216.53 | 7/24/14 | 216.32 | 0.2 | -1.5 | 1,774 | 18.3 | 1,755.4 | 99 | 31.7 | 1,742.0 | 98 | |
| | EB609/354228106044902 | Las Campanas Middle Piez. | 402,225 | 3,952,079 | NMBGMR | 1,320 | 7/6/05 | 262.92 | 7/24/14 | 251.71 | 11.2 | -1.5 | 1,068 | 18.3 | 1,050.0 | 98 | 31.7 | 1,036.6 | 97 | |
| | EB610/354228106044903 | Las Campanas Shallow Piez. | 402,225 | 3,952,079 | NMBGMR | 450 | 7/6/05 | 278.70 | 7/24/14 | 280.09 | -1.4 | -1.5 | 170 | 18.3 | 151.6 | 89 | 31.7 | 138.3 | 81 | |
| RG-20516-S-5 | EB478 | Buckman 1 | 395,333 | 3,966,270 | NMBGMR | 1,093 | 1/31/03 | 632.1 | 9/30/14 | 234.78 | 397.3 | 115.3 | 858 | 67.8 | 790.4 | 92 | 73.3 | 785.0 | 91 | |
| RG-20516-S-6 | EB479 | Buckman 2 | 395,525 | 3,965,621 | NMBGMR | 1,473 | 1/31/03 | 483.65 | 9/30/14 | 93.26 | 390.4 | 99.2 | 1,380 | 77.4 | 1,302.3 | 94 | 85.9 | 1,293.8 | 94 | |
| RG-20516-S | EB480 | Buckman 3 | 396,172 | 3,965,366 | NMBGMR | 1,490 | 1/31/03 | 642.25 | 9/30/14 | 177.94 | 464.3 | 99.2 | 1,312 | 77.4 | 1,234.7 | 94 | 85.9 | 1,226.2 | 93 | |
| RG-20516-S-2 | EB481 | Buckman 4 | 396,164 | 3,964,658 | NMBGMR | 1,182 | 1/31/03 | 678.39 | 9/30/14 | 117.20 | 561.2 | 99.2 | 1,065 | 77.4 | 987.4 | 93 | 85.9 | 978.9 | 92 | |
| RG-20516-S-3 | EB482 | Buckman 5 | 396,210 | 3,964,020 | NMBGMR | 1,154 | 1/31/03 | 652.98 | 9/30/14 | 187.78 | 465.2 | 42.1 | 966 | 52.2 | 914.0 | 95 | 66.1 | 900.1 | 93 | |
| RG-20516-S-4 | EB483 | Buckman 6 | 396,748 | 3,965,176 | NMBGMR | 1,410 | 1/31/03 | 669.15 | 9/30/14 | 177.20 | 492.0 | 79.3 | 1,233 | 64.5 | 1,168.3 | 95 | 75.4 | 1,157.4 | 94 | |
| RG-20516-S-7 | EB484 | Buckman 7 | 395,955 | 3,966,140 | NMBGMR | 1,409 | 1/31/03 | 758.42 | 9/30/14 | 234.05 | 524.4 | 115.3 | 1,175 | 67.8 | 1,107.2 | 94 | 73.3 | 1,101.7 | 94 | |
| RG-20516-S-8 | EB485 | Buckman 8 | 394,780 | 3,966,031 | NMBGMR | 910 | 1/31/03 | 488.33 | 9/30/14 | 49.43 | 438.9 | 115.3 | 861 | 67.8 | 792.8 | 92 | 73.3 | 787.3 | 91 | |
| RG-20516-S-9 | EB486 | Buckman 9 | 396,848 | 3,965,659 | NMBGMR | 1,320 | 11/30/03 | 669.50 | 9/30/14 | 228.70 | 440.8 | 79.3 | 1,091 | 64.5 | 1,026.8 | 94 | 75.4 | 1,015.9 | 93 | |
| RG-20516-S-10 | EB487 | Buckman 10 | 399,250 | 3,959,720 | NMBGMR | 1,980 | 9/23/03 | 331.90 | 9/30/14 | 339.40 | -7.5 | 3.9 | 1,641 | 77.9 | 1,562.7 | 95 | 97.9 | 1,542.7 | 94 | |
| RG-20516-S-11 | EB488 | Buckman 11 | 400,130 | 3,957,460 | NMBGMR | 1,900 | 7/24/03 | 271.10 | 9/30/14 | 398.85 | -127.8 | -3.6 | 1,501 | 94.4 | 1,406.7 | 94 | 117.5 | 1,383.7 | 92 | |
| RG-20516-S-12 | EB489 | Buckman 12 | 401,300 | 3,956,280 | NMBGMR | 1,900 | 7/24/03 | 239.10 | 9/30/14 | 399.85 | -160.8 | -4.4 | 1,500 | 98.3 | 1,401.9 | 93 | 122.2 | 1,378.0 | 92 | |
| RG-20516-S-13 | EB490 | Buckman 13 | 402,980 | 3,955,400 | NMBGMR | 1,980 | 7/23/03 | 296.40 | 9/30/14 | 315.32 | -18.9 | -3.6 | 1,665 | 81.4 | 1,583.3 | 95 | 102.9 | 1,561.8 | 94 | |
| RG-21318 | EB288 | Skillet | 397,330 | 3,966,980 | NMBGMR | 1,700 | 1/31/03 | 219.00 | 9/30/14 | 200.30 | 18.7 | 57.5 | 1,500 | 40.8 | 1,458.9 | 97 | 48.4 | 1,451.3 | 97 | |
| RG-439 | EB157 | Weil Corral, Artesian | 396,449 | 3,965,653 | NMBGMR | 325 | 1/31/03 | 264.00 | 9/30/14 | 171.55 | 92.5 | 79.3 | 153 | 64.5 | 89.0 | 58 | 75.4 | 78.1 | 51 | |
| RG-16681 | EB163 | Permit | 403,322 | 3,964,577 | NMBGMR | 745 | 9/30/03 | 695.10 | 9/30/14 | 697.85 | -2.8 | 1.9 | 47 | 9.0 | 38.2 | 81 | 19.2 | 27.9 | 59 | |
| RG-6386 | EB160 | Tony's Windmill | 405,066 | 3,959,311 | NMBGMR | 350 | 6/6/05 | 291.89 | 7/17/14 | 293.92 | -2.0 | -1.5 | 56 | 23.1 | 32.9 | 59 | 39.7 | 16.4 | **29** | |
| RG-29524 | EB085 | Las Dos 1 | 407,663 | 3,958,060 | NMBGMR | 773 | 5/11/05 | 396.66 | - | - | - | -0.7 | 376 | 7.8 | 368.5 | 98 | 16.4 | 359.9 | 96 | |
| RG-25463 | EB287 | Pinon-Bogle | 407,017 | 3,956,720 | NMBGMR | 841 | 5/26/04 | 467.52 | 7/3/14 | 471.17 | -3.7 | -1.3 | 370 | 16.8 | 353.1 | 95 | 29.8 | 340.0 | 92 | |
| RG-438 | EB251 | Midway Windmill | 399,191 | 3,961,850 | NMBGMR | 310 | 4/7/05 | 254.96 | 8/7/14 | 267.30 | -12.3 | 10.6 | 43 | 43.5 | -0.8 | **-2** | 61.5 | -18.8 | **-44** | table 30-A |
| RG-29723 | EB645 | USFS Well | 398,694 | 3,954,689 | NMBGMR | 693 | 3/13/04 | 664.10 | 7/17/14 | 671.43 | -7.3 | -2.0 | 22 | 33.4 | -11.9 | **-55** | 53.0 | -31.4 | **-146** | table 30-A |
| RG-30777 | EB064 | Bernstein | 403,595 | 3,955,119 | NMBGMR | 663 | 3/13/04 | 540.02 | 7/3/14 | 543.13 | -3.1 | -3.6 | 120 | 81.4 | 38.5 | 32 | 102.9 | 17.0 | **14** | |
| RG-28112 | | Schmidt | 406,645 | 3,954,327 | BMP database verified | 701 | 1/21/09 | 548.31 | 7/17/14 | 550.00 | -1.7 | -1.1 | 151 | 13.5 | 137.5 | 91 | 24.4 | 126.6 | 84 | |
| RG-79512 | | Schmidt 2 | 406,749 | 3,954,427 | BMP database verified | 800 | 1/21/09 | 499.63 | 7/17/14 | 501.39 | -1.8 | -1.1 | 299 | 13.5 | 285.1 | 95 | 24.4 | 274.3 | 92 | |
| RG-24584 | EB121 | Headquarters, Daniels | 405,692 | 3,955,377 | NMBGMR | 602 | 7/23/03 | 424.95 | - | - | - | -2.2 | 177 | 36.2 | 140.8 | 80 | 53.6 | 123.5 | 70 | |
| RG-81860 | | Santa Fe Ranch, Barn Well | 405,416 | 3,956,671 | BMP database verified | 695 | 7/2/13 | 370.66 | 7/17/14 | 370.54 | 0.1 | -2.0 | 324 | 31.5 | 293.0 | 90 | 49.4 | 275.1 | 85 | |
| RG-93871 | | La Tierra Deep Monitoring Well | 406,436 | 3,955,825 | BMP database verified | 1,200 | 5/8/13 | 373.24 | 7/1/14 | 373.76 | -0.5 | -1.3 | 826 | 17.7 | 808.5 | 98 | 30.4 | 795.9 | 96 | |
| RG-37078 | | Betts/Weil | 405,591 | 3,954,061 | BMP database verified | 755 | well record | 580 | - | - | - | -1.7 | 175 | 23.5 | 151.5 | 87 | 37.9 | 137.1 | 78 | table 30-B |
| RG-37113 | | E. Eugene | 405,476 | 3,954,840 | BMP database | 700 | well record | 527 | - | - | - | -2.2 | 173 | 36.2 | 136.8 | 79 | 53.6 | 119.4 | 69 | table 30-B |
| RG-437 | EB158 | Suzanne Garcia, Dead Dog Wind | 400,343 | 3,956,715 | NMBGMR | 700 | 3/17/06 | 407.68 | - | - | - | -3.6 | 292 | 94.4 | 197.9 | 68 | 117.5 | 174.8 | 60 | table 30-B |
| RG-48491 | | Glascock, Lang | 403,827 | 3,955,337 | BMP database verified | 730 | well record | 530 | - | - | - | -3.6 | 200 | 81.4 | 118.6 | 59 | 102.9 | 97.1 | 49 | table 30-B |
| RG-54066 | | Karp | 403,672 | 3,954,737 | BMP database verified | 760 | well record | 540 | - | - | - | -3.6 | 220 | 81.4 | 138.6 | 63 | 102.9 | 117.1 | 53 | table 30-B |
| RG-54262 | | Whitney, Grasso | 403,699 | 3,954,577 | BMP database verified | 755 | well record | 535 | - | - | - | -2.3 | 220 | 37.0 | 183.0 | 83 | 54.5 | 165.5 | 75 | table 30-B |
| RG-55734 | | Mitchel/Norton | 403,477 | 3,954,854 | BMP database verified | 740 | well record | 500 | - | - | - | -3.6 | 240 | 81.4 | 158.6 | 66 | 102.9 | 137.1 | 57 | table 30-B |
| RG-56282 | | Walbridge, Berlanti | 405,170 | 3,955,316 | BMP database verified | 700 | well record | 520 | - | - | - | -2.2 | 180 | 36.2 | 143.8 | 80 | 53.6 | 126.4 | 70 | table 30-B |
| RG-59973 | | Sklar | 404,788 | 3,955,019 | BMP database verified | 750 | well record | 540 | - | - | - | -2.2 | 210 | 36.2 | 173.8 | 83 | 53.6 | 156.4 | 74 | table 30-B |
| RG-60104 | | Clements, Rand | 405,218 | 3,955,382 | BMP database verified | 760 | well record | 580 | - | - | - | -2.2 | 180 | 36.2 | 143.8 | 80 | 53.6 | 126.4 | 70 | table 30-B |
| RG-60404 | | Smith | 404,936 | 3,954,130 | BMP database verified | 760 | well record | 580 | - | - | - | -1.7 | 180 | 23.5 | 156.5 | 87 | 37.9 | 142.1 | 79 | table 30-B |
| RG-6128 | | Lillian Walker | 402,245 | 3,962,216 | BMP database | 700 | well record | 525 | - | - | - | 1.7 | 175 | 24.3 | 150.7 | 86 | 41.6 | 133.4 | 76 | table 30-B |
| RG-64419 | | Swanson, Stack | 404,293 | 3,954,920 | BMP database verified | 740 | well record | 500 | - | - | - | -2.2 | 240 | 36.2 | 203.8 | 85 | 53.6 | 186.4 | 78 | table 30-B |
| RG-65566 | | Newcomer | 404,331 | 3,955,009 | BMP database verified | 765 | well record | 542 | - | - | - | -2.2 | 223 | 36.2 | 186.8 | 84 | 53.6 | 169.4 | 76 | table 30-B |
| RG-69782 | | Wolford | 404,106 | 3,955,085 | BMP database verified | 785 | well record | 572 | - | - | - | -3.6 | 213 | 81.4 | 131.6 | 62 | 102.9 | 110.1 | 52 | table 30-B |
| RG-65584 | | Harrison | 403,243 | 3,955,504 | BMP database verified | 755 | well record | 535 | - | - | - | -3.6 | 220 | 81.4 | 138.6 | 63 | 102.9 | 117.1 | 53 | table 30-B |
| RG-71728 | | Buchanan | 403,821 | 3,954,959 | BMP database verified | 750 | well record | 485 | - | - | - | -3.6 | 265 | 81.4 | 183.6 | 69 | 102.9 | 162.1 | 61 | table 30-B |
| RG-75069 | | Kenerdine Constr., Grufferman | 404,659 | 3,954,875 | BMP database verified | 735 | well record | 500 | - | - | - | -2.2 | 235 | 36.2 | 198.8 | 85 | 53.6 | 181.4 | 77 | table 30-B |
| RG-61944 | | Ritter | 406,049 | 3,953,948 | BMP database verified | 710 | well record | 585 | - | - | - | -1.1 | 125 | 13.5 | 111.5 | 89 | 24.4 | 100.6 | 81 | table 30-B |
| RG-54395 | | Berger, Babitt | 406,245 | 3,954,574 | BMP database verified | 740 | well record | 580 | - | - | - | -1.1 | 160 | 13.5 | 146.5 | 92 | 24.4 | 135.6 | 85 | table 30-B |
| RG-55206 | | La Luz/Ortiz | 402,036 | 3,961,412 | BMP database | 655 | well record | 580 | - | - | - | 1.7 | 75 | 24.3 | 50.7 | 68 | 41.6 | 33.4 | 45 | table 30-A |
| RG-23806 | | Eliot Streeper | 409,115 | 3,947,381 | NMWRRS | 216 | well record | 163 | - | - | - | -0.2 | 53 | 1.1 | 51.9 | 98 | 3.2 | 49.8 | 94 | table 30-A |
| RG-7248 | EB161 | Boondock | 399,636 | 3,965,339 | NMBGMR | 900 | well record | 434 | - | - | - | 13.5 | 466 | 20.1 | 445.9 | 96 | 32.3 | 433.7 | 93 | |
| RG-77553 | | Metchick, Tano Road area | 410,418 | 3,955,100 | BMP database verified | 900 | well record | 505 | - | - | - | -0.5 | 395 | 5.0 | 390.0 | 99 | 11.0 | 384.0 | 97 | Tano Road area |

table 30-A, table 30-B - included in Finding 30, NMOSE Order HU No. 03-004
**bold** – less than 30 percent water column remaining

# Appendix B. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| NMOSE Well ID | Well Owner(s) listed in NMOSE Database | Confirmed Well Owner | Other Well Names | Parcel Owner Listed in County Parcel Database | Street Address | Lot Description | Address Source | UTM Easting, m, NAD83 | UTM Northing, m, NAD83 | NMOSE T.R.Sec.qqq | Use | Diver -sion, ac-ft/yr | Drilling Date | Well Depth, ft | Depth to Water, ft | Starting Water Column, ft | Model-Simulated 10-Yr Drawdown, ft | Water Column After 10 Years, ft | Percent Water Column Remaining After 10 Years | Model-Simulated 40-Yr Drawdown, ft | Water Column After 40 Years, ft | Percent Water Column Remaining After 40 Years | Land Surface Elevation, ft amsl | Moni-toring Area | Other IDs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-00316 | REGINALDO ESPINOZA, III, CHOLENE ESPINOZA, COMMERCIAL RESOURCES INC., JENNIFER JOHNS | | | | | | | 401496 | 3949086 | | IRR | 5.966 | 3/27/1957 | 40 | 20.0 | 20.0 | 5.4 | 14.6 | 73 | 11.7 | 8.3 | 41 | | BMP | |
| RG-00437 CLW | COLLEGE AGRIC. HOME ECON. NEW, Frank Bond | | Dead Dog WM | | | | | 400343 | 3956715 | 18N.08E.33.134 | STK | 3 | 6/10/1995 | 700 | 407.7 | 292.3 | 94.4 | 197.9 | 68 | 117.5 | 174.8 | 60 | 6166 | BMP | |
| RG-00438 | SUZANNE HOYT GARCIA, TRUSTEE, Robert H. Weil, McKinney | | Midway WM | | | | | 399191 | 3961850 | 18N.08E.17.21 | STK | 3 | 6/30/1962 | 310 | 267.3 | 42.7 | 43.5 | -0.8 | -2 | 61.5 | -18.8 | -44 | 6034 | BMP | |
| RG-00439 | SUZANNE HOYT GARCIA, TRUSTEE, Robert H. Weil | | Artesian, Corral | | | | | 396449 | 3965653 | 19N.07E.36.44 | STK | 3 | 8/8/1947 | 325 | 171.6 | 153.5 | 64.5 | 89.0 | 58 | 75.4 | 78.1 | 51 | 5662 | BMP | |
| RG-04523 | RUFINO MRS. GONZALES, | | | MEAD, WALTER L JR & EMILY C | 101 CALLE ADELINA | LOT B-2 44.534 AC, T18N R 9E S30 | COUNTY PLAT | 406421 | 3958329 | 18N.09E.30.131 | DOM | 3 | 9/30/1960 | 170 | 95.0 | 75.0 | 13.5 | 61.5 | 82 | 25.8 | 49.2 | 66 | | BMP | |
| RG-06128 | LILLIAN M. WALKER, | | | | | | | 402245 | 3962216 | 18N.08E.10.344 | DOM | 3 | 4/25/1993 | 700 | 525.0 | 175.0 | 24.3 | 150.7 | 86 | 41.6 | 133.4 | 76 | 6430 | BMP | |
| RG-06141 | SUZANNE HOYT GARCIA, TRUSTEE, Robert H. Weil | | | LA TIERRA ASSOC INC | RANCH ESTATES RD | T17N R 8E S12 375.855 AC, REMAINDER UNDEVELOPED AREA | COUNTY PLAT | 407117 | 3952667 | 17N.09E.7.431 | STK | 3 | 9/11/1961 | 560 | 500.0 | 60.0 | 8.9 | 51.1 | 85 | 17.4 | 42.6 | 71 | 6720 | BMP | |
| RG-06275 | ROBERT H. WEIL, Western Cattle Co. | | | | | | | 403339 | 3952770 | 17N.08E.11.332 | STK | 3 | 9/5/1961 | 436 | 385.0 | 51.0 | 18.3 | 32.7 | 64 | 30.9 | 20.1 | 39 | 6480 | BMP | |
| RG-06386 | COLLEGE AGRIC. HOME ECON. NEW, Robert H. Weil | | Tony's Windmill | | | | | 405066 | 3959311 | 18N.08E.24.33 | STK | 3 | 9/13/1961 | 350 | 293.9 | 56.1 | 23.1 | 32.9 | 59 | 39.7 | 16.4 | 29 | 6397 | BMP | |
| RG-07248 | COLLEGE OF AGRIC. & ECON. NEW, Robert H. Weil | | Boondock well | | | | | 399636 | 3965339 | 19N.08E.32.44 | STK | 3 | 8/3/1975 | 900 | 434.0 | 466.0 | 20.1 | 445.9 | 96 | 32.3 | 433.7 | 93 | 6150 | BMP | |
| RG-09740 | U. S. FOREST SERVICE, | | USFS Weir Well | | | | | 400424 | 3951041 | 17N.08E.16.34 | SAN | 0 | 9/13/1963 | 514 | 461.0 | 53.0 | 8.9 | 44.1 | 83 | 18.0 | 35.0 | 66 | 6393 | BMP | |
| RG-14073 -REPAI | U.S. FOREST SERVICE | | 1100 Ft Well | | | | | 394978 | 3956163 | 18N.07E.35.4 | STK | 4.83 | 7/1/1966 | 1090 | 996.0 | 94.0 | 13.0 | 81.0 | 86 | 26.8 | 67.2 | 71 | 6641 | BMP | |
| RG-14451 | W. J. ROUNSEVILLE, | | | NOVBAKHTIAN, ABDOLREZA, MASOUD | 82 PASEO DE LA TIERRA | LOT 5 LA TIERRA S/D PH 1, T17N R9E S 6 | COUNTY PLAT | 407082 | 3954847 | 17N.09E.6. | DOM | 3 | 12/23/1966 | 614 | 550.0 | 64.0 | 17.7 | 46.3 | 72 | 30.4 | 33.6 | 53 | 6683 | BMP | |
| RG-16681 | ROBERT H. WEIL, | | Permit | | | | | 404578 | 3964298 | 18N.08E.2.42 | PDM | 3 | 6/20/1969 | 745 | 574.0 | 171.0 | 8.4 | 162.6 | 95 | 18.7 | 152.3 | 89 | | BMP | |
| RG-17409 | ROBERT H WEIL, | | | POMEROY, CHARLES W & BARBARA | 6 COLUMBINE LN | LOT 22 SALVA TIERRA UNIT 1, 2.038 AC, T17N R 9E S8, | COUNTY PLAT | 408234 | 3952574 | 17N.09E.8.334 | DOL | 3 | 1970 | 1980 | 466.0 | 1514.0 | 5.6 | 1508.4 | 100 | 11.8 | 1502.2 | 99 | 6800 | BMP | |
| RG-17410 | ROBERT H WEIL, | | | SMITH, STEPHEN R | 36 PICACHO PEAK DR | LOT 640 LAS CAMPANAS PH V, T17N R 9E S 7 5.029 AC | COUNTY PLAT | 406809 | 3953748 | 17N.09E.7.123 | DOL | 3 | 1970 | 1000 | 567.0 | 433.0 | 13.5 | 419.5 | 97 | 24.4 | 408.6 | 94 | 6765 | BMP | |
| RG-18385 | DR. WILLIAM STENNIS, | | | MCDOUGALL, RICHARD & MARY | 38 N VUELTA HERRADURA | LOT 117 LA TIERRA S/D PHASE 3, 14.07 AC, T18N R 9E S32, | COUNTY PLAT | 409233 | 3955917 | 18N.09E.32.441 | DOM | 3 | 2/26/1971 | 710 | 625.0 | 85.0 | 5.0 | 80.0 | 94 | 11.0 | 74.0 | 87 | 6914 | BMP | |
| RG-19117 | LUDEN. FRITZ, Kris Hotvedt | | | POLANCO, LEE B | 17 WILDFLOWER WAY | T17N R 9E S18 2.51 AC LOT B, | COUNTY PLAT | 407542 | 3951276 | 17N.09E.18.423 | DOM | 3 | 7/12/1971 | 608 | 565.0 | 43.0 | 3.8 | 39.2 | 91 | 8.6 | 34.4 | 80 | 6790 | BMP | |
| RG-21516 | CINCO PARA MANANA, VILLAGE GATE HOLDINGS | | | MILLER, NEIL Z & SUSANNE B | 1 CAMINO DELILAH | T17N R 9E S9 3.380 AC, LOT 1-A | COUNTY PLAT | 409481 | 3953882 | 17N.09E.5.44S | SAN | 0 | 10/3/1972 | 220 | 140.0 | 80.0 | 4.4 | 75.6 | 95 | 9.7 | 70.3 | 88 | | BMP | |
| RG-24203 | JOHN D. GUNDZIK MD, A.A. Realty, Al Amiday | | | BOMSE, PEARL & MARC & | 59 SONRISA TRL | LOT 4 5.346 AC, T17N R 9E S18 | COUNTY PLAT | 406964 | 3951493 | 17N.09E.18.322 | DOM | 3 | 11/6/1973 | 777 | 448.0 | 329.0 | 8.9 | 320.1 | 97 | 17.4 | 311.6 | 95 | 6720 | BMP | |
| RG-24364 | E. C DE BACA, | | | NAMINGHA, DANIEL & FRANCES | 68 PASEO DE LA TIERRA | LOT 4 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 406977 | 3954740 | 17N.09E.6.322 | DOM | 3 | 12/29/1973 | 400 | 300.0 | 100.0 | 17.7 | 82.3 | 82 | 30.4 | 69.6 | 70 | 6701 | BMP | |
| RG-24584 POD1 | BOB WEIL, Daniels | Jeanne C. Daniels | Headquarters, Daniels | CREED, JEANNE H | 86 Headquarters Trail | T18N R 8E S36 14.58 AC SE4 &, T17N R 8E S 1 NE4 PORT OF | COUNTY PLAT, 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405692 | 3955377 | 17N.8E.1.2123 | DOM | 3 | 4/19/1974 | 602 | 426.5 | 175.5 | 36.2 | 139.3 | 79 | 53.6 | 122.0 | 69 | 6554 | BMP | |
| RG-24855 | ROBET H. WEIL, Kubert | | La Tierra | TURNEY, PATRICIA A | 87 E ESTRADA CALABASA | LOT 59 LA TIERRA PHASE 2, T18N R 9E S31 10.009 AC | COUNTY PLAT | 407931 | 3956170 | 18N.09E.32.41 | DOM | 3 | 5/16/1974 | 697 | 496.4 | 200.6 | 9.2 | 191.3 | 95 | 18.0 | 182.5 | 91 | 6722 | BMP | |
| RG-24968 | DREW C. & LYNNE D. ARENA, | | | ARENA, DREW C & ELISE PINKOW | 44 SONRISA TRL | T17N R 9E S18 23.982 AC, TRACT B | COUNTY PLAT | 407040 | 3951072 | 17N.09E.18.324 | DOM | 3 | 7/22/1974 | 697 | 528.0 | 169.0 | 5.6 | 163.4 | 97 | 11.8 | 157.2 | 93 | | BMP | |
| RG-25463 | JEANETTE LILIENTHAL, | | La Tierra, Pinon | BOGLE, GLENN G & SUSAN R | 218 PASEO DE LA TIERRA | LOT 16 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 407017 | 3956720 | 18N.09E.31.211 | DOM | 3 | 10/22/1974 | 841 | 468.3 | 372.8 | 16.8 | 356.0 | 95 | 29.8 | 342.9 | 92 | 6664 | BMP | |
| RG-25637 | SUSAN MERWIN, W.P. Saunders | | La Tierra, South Well | NAMINGHA, DANIEL & FRANCES | 68 PASEO DE LA TIERRA | LOT 4 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 407026 | 3954795 | 17N.09E.6.114 | DOM | 0 | 1975 | 735 | 445.9 | 289.1 | 17.7 | 271.5 | 94 | 30.4 | 258.8 | 89 | 6708 | BMP | |
| RG-25800 | IRIS H WILSON, | | | | | | | 401653 | 3973422 | 19N.08E.. | DOM | 3 | 4/25/1975 | 153 | 78.0 | 75.0 | 1.7 | 73.3 | 98 | 3.6 | 71.4 | 95 | | BMP | |
| RG-26125 | WILLIAM S. ELKINS, | | | | | | | 406010 | 3957550 | 18N.09E.25.431 | DOM | 3 | 7/5/1975 | 167 | 43.0 | 124.0 | 16.8 | 107.2 | 86 | 29.8 | 94.2 | 76 | 6600 | BMP | |
| RG-26697 | MARK K. JONES, | | | | | | | 401478 | 3960568 | 18N.08E. | DOM | 3 | 12/15/1975 | 650 | 480.0 | 170.0 | 35.6 | 134.4 | 79 | 55.7 | 114.3 | 67 | | BMP? | |
| RG-27928 | PETER DYKE, | | | MACCORQUODALE, MICHAEL & PAM | 29 VUELTA MONTUOSO | LOT 29 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 406599 | 3956321 | 18N.09E.31.312 | DOM | 3 | 4/10/2004 | 900 | 555.0 | 345.0 | 16.8 | 328.2 | 95 | 29.8 | 315.2 | 91 | 6701 | BMP | |
| RG-28007 | DON HENRY, | | | LA TIERRA ASSOC INC | 12 HORCADO RANCH RD | LOT 33 LA TIERRA PHASE 1 PARK, NEXT TO T17N R 9E S31, PARK NO TAXABLE VALUE, | COUNTY PLAT | 406395 | 3955740 | 18N.09E.31.333 | DOM | 3 | 12/9/1976 | 585 | 385.0 | 200.0 | 17.7 | 182.3 | 91 | 30.4 | 169.6 | 85 | 6575 | BMP | |
| RG-28064 | STEVEN H. TREMPER, | | La Tierra 32-T-1 | ANDERSON, JON R & ANNE-DRUE | 22 N VUELTA HERRADURA | T18N R 9E S32 11.24 AC, LOT 115 LA TIERRA PHASE 3 | COUNTY PLAT | 408320 | 3956006 | 18N.09E.32.33 | DOM | 3 | 12/28/1976 | 750 | 529.0 | 221.0 | 9.2 | 211.8 | 96 | 18.0 | 203.0 | 92 | 6769 | BMP | |
| RG-28064 | STEVEN H. TREMPER, | | La Tierra 32-T-2 | GREENKER, JEROLD A | 12 ESTRADA REDONDA | T18N R 9E S32 10.39 AC, LOT 82 LA TIERRA PHASE 3 | COUNTY PLAT | 409264 | 3956135 | 18N.09E.32.42 | DOM | 3 | 2/4/1977 | 750 | 533.3 | 216.7 | 5.0 | 211.6 | 98 | 11.0 | 205.6 | 95 | 6847 | BMP | |

# Appendix B. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-28064 X-2 | STEVEN H. TREMPER, | | Hilltop | NEIKRUG, MARC AND DOLLY L | 59 ESTRADA MAYA | T18N R 9E S32 15.00 AC, LOT 99 LA TIERRA PHASE 3 | COUNTY PLAT | 409088 | 3956910 | 18N.09E.32.222 | DOM | 3 | 2/16/1977 | 727 | 498.0 | 229.0 | 5.1 | 223.9 | 98 | 11.2 | 217.8 | 95 | 6863 | BMP | |
| RG-28064 X-3 | STEVEN H. TREMPER, | | La Tierra 32-T-4 | PHINNEY, ROBERT T & MARGARET | 124 ESTRADA REDONDA | T18N R 9E S32 12.25 AC, LOT 93 LA TIERRA S/D, (OLD PHASE 3), | COUNTY PLAT | 408163 | 3956965 | 18N.09E.32.11 | DOM | 3 | 1/12/1977 | 790 | 513.0 | 277.0 | 9.1 | 267.9 | 97 | 18.2 | 258.8 | 93 | 6750 | BMP | |
| RG-28112 | HENRY SANDMEIER, Paul B. Schmidt and Elise Wheless Schmidt | | | | | Lot 47, La Tierra | | 406645 | 3954327 | | DOM | 3 | 2/2/1977 | 701 | 549.0 | 152.0 | 13.5 | 138.5 | 91 | 24.4 | 127.6 | 84 | 6747 | BMP | |
| RG-28299 | WILLIS A. SEYFFERT, | | La Tierra 32-T-3 | | | | | 409347 | 3956949 | 18N.09E.32.22 | DOM | 3 | 3/4/1977 | 765 | 368.7 | 396.3 | 5.1 | 391.2 | 99 | 11.2 | 385.1 | 97 | 6816 | BMP | |
| RG-28345 | ROBERT GILL, | | | GILL, ROBERT I & CHERYL L | 11 E ESTRADA CALABASA | LOT 13 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 406825 | 3956116 | 18N.09E.31.323 | DOM | 3 | 3/19/1977 | 618 | 522.0 | 96.0 | 17.7 | 78.3 | 82 | 30.4 | 65.6 | 68 | | BMP | |
| RG-29191 | SANDRA LAUDEDALE GRAHAM, | | | GRAHAM, THOMAS R & SANDRA L | 15 VUELTA SABIO | LOT 51 LA TIERRA PHASE 2, SEC 6 T17N R9E 10.578 AC | COUNTY PLAT | 406386 | 3954945 | 17N.09E.6.133 | DOM | 3 | 8/17/1977 | 700 | 530.0 | 170.0 | 17.7 | 152.3 | 90 | 30.4 | 139.6 | 82 | 6654 | BMP | |
| RG-29356 | DENNIS R. COOPER, | | | LICATA, WILLIAM M & CATHERINE | 20 LOS PRADOS | T17N R 9E S 8 TR 1-A-2 1.0 AC, PLAT BK 225 PG 037 | COUNTY PLAT | 409205 | 3953067 | 17N.09E.8.421 | DOM | 3 | 1/23/1978 | 730 | 556.8 | 173.3 | 4.4 | 168.9 | 97 | 9.7 | 163.5 | 94 | 6881 | BMP | |
| RG-29359 | CROCKER EDWARD E. JR., | | | CROMWELL, FLORENCE C & | 16 VUELTA LINDA | T18N R 9E S32 10.31 AC, LOT 111 LA TIERRA PHASE 3 | COUNTY PLAT | 408731 | 3956429 | 18N.09E.32. | DOM | 3 | 7/3/1979 | 715 | 603.0 | 112.0 | 9.1 | 102.9 | 92 | 18.2 | 93.8 | 84 | 6819 | BMP | |
| RG-29524 | BARBARA VIGIL, | | Las Dos #1 | MOONEY, HELEN W | 45 MAMIES MILE | LOT 21 LAS DOS PHASE 1, T18N R 9E S30 12.224 AC | COUNTY PLAT | 407663 | 3958060 | 18N.09E.30.424 | DOM | 3 | 10/24/1977 | 768 | 389.2 | 378.8 | 7.8 | 371.0 | 98 | 16.4 | 362.4 | 96 | 6612 | BMP | |
| RG-29546 | BERGERE KENNEY, | | Los Dos #2 | | | | | 407940 | 3960307 | 18N.09E.19.22 | NOT | 0 | 11/3/1977 | 773 | 434.3 | 338.7 | 6.2 | 332.4 | 98 | 13.9 | 324.7 | 96 | 6674 | BMP | |
| RG-29550 | KENNETH N. & WYONA T. JOY | | | | | | | 397154 | 3964185 | 18N.08E.6.3 | DOM | 3 | 10/26/1977 | 675 | 535.0 | 140.0 | 52.2 | 87.8 | 63 | 66.1 | 73.9 | 53 | 5791 | BMP | |
| RG-29723 | U.S. FOREST SERVICE, US Soil Conservation Service | | 700 Ft Well | | | | | 398694 | 3954689 | 17N.08E.5.3 | STK | 2 | 1/1/1940 | 693 | 671.4 | 21.6 | 33.4 | -11.9 | -55 | 53.0 | -31.4 | -146 | 6486 | BMP | |
| RG-29725 | US FOREST SERVICE, US Soil Conservation Service | | USFS Headquarters Well | | | | | 400842 | 3949932 | 17N.08E.21.41 | STK | 2 | 1/1/1940 | 350 | 311.0 | 39.0 | 8.9 | 30.1 | 77 | 18.0 | 21.0 | 54 | 6442 | BMP | |
| RG-30162 | TODD BAILEY, | | | BAILEY, TODD J | 124 ARROYO CALABASAS RD | T17N R 9E S18 2.5 AC TR 2, | COUNTY PLAT | 406269 | 3951851 | 17N.09E.18.131 | MUL | 3 | 5/29/1978 | 725 | 500.0 | 225.0 | 8.9 | 216.1 | 96 | 17.4 | 207.6 | 92 | | BMP | |
| RG-30269 | KIRSTIN MCMULLEN, | | | GALLANT, DANNY & MARCE MILLER | 52 CAMINO DOS PERROS | T17N R 9E S18 LOT 3-B 5.0 AC, (OLD TR 3) | COUNTY PLAT | 407048 | 3951873 | 17N.09E.18.124 | MUL | 3 | 4/20/1978 | 556 | 475.0 | 81.0 | 8.9 | 72.1 | 89 | 17.4 | 63.6 | 79 | | BMP | |
| RG-30777 | BOB WELL, | Tom and Andrea Bernstein | Bernstein, La Tierra Lot 71; IV-1 | BERNSTEIN, TOM A & ANDREA E | 159 Longhorn Lane | LOT 46 TIERRA NUEVA, T17N R 8E S 2 17.385 AC | COUNTY PLAT, 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 403595 | 3955119 | 17N.08E.36.23 | OBS | 3 | 7/15/1978 | 663 | 543.1 | 119.9 | 81.4 | 38.5 | 32 | 102.9 | 17.0 | 14 | 6550 | BMP | |
| RG-31284 | SUZANNE HOYT GARCIA, TRUSTEE, | | | HOYT, SUZANNE & LINDA WEIL | 127 W ESTRADA CALABASA | T18N R 8E S36 1074.650 AC N2 &, PORT S2 RANCH & HEADQTRS, LIVESTOCK ON ACCT 970001777, | COUNTY PLAT | 405804 | 3957152 | 18N.08E.36.212 | DOM | 3 | 10/30/1978 | 815 | 515.0 | 300.0 | 31.5 | 268.5 | 89 | 49.4 | 250.6 | 84 | 6660 | BMP | |
| RG-31487 EXPL | BOB WEIL, RICHARD CARLYON | | La Tierra Lot 16; IV-2 | STATE OF NEW MEXICO | STATE PROPERTY | LOT 1 LA TIERRA NUEVA, 10.432 AC T17N R 8E S 1 | COUNTY PLAT | 405575 | 3954126 | 17N.08E.1.433 | DOM | 3 | 10/20/1978 | 785 | 529.0 | 256.0 | 23.5 | 232.5 | 91 | 37.9 | 218.1 | 85 | 6677 | BMP | |
| RG-31845 | HIROSHI AND NANCY MURATA, | | | NOVBAKHTIAN, ABDOLREZA, MASOUD | 82 PASEO DE LA TIERRA | LOT 5 LA TIERRA S/D PH 1, T17N R9E S 6 | COUNTY PLAT | 407082 | 3954847 | 17N.09E.6. | DOM | 3 | 4/23/1979 | 700 | 580.0 | 120.0 | 17.7 | 102.3 | 85 | 30.4 | 89.6 | 75 | 6683 | BMP | |
| RG-31977 | BILLY W. ROYBAL, | | | | | | | 401605 | 3970215 | 19N.08E. | IRR | 12 | 12/20/1979 | 300 | 75.0 | 225.0 | 4.4 | 220.6 | 98 | 9.1 | 215.9 | 96 | | BMP? | |
| RG-32871 | MARK JONES, Paul B. Schmidt and Elise Wheless Schmidt | | | | | Lot 40, La Tierra | | 406879 | 3954516 | | DOM | 3 | 7/19/1979 | 700 | 580.0 | 120.0 | 13.5 | 106.5 | 89 | 24.4 | 95.6 | 80 | | BMP | |
| RG-33170 | JOHN O. ZINN, Elise Wheless | | | WHELESS, ELISE | 37 VUELTA TOMAS | LOT 46 LA TIERRA PHASE 2, T17N R 9E S 6 11.890 AC | COUNTY PLAT | 406489 | 3954272 | | DOM | 3 | 9/15/1979 | 680 | 540.0 | 140.0 | 13.5 | 126.5 | 90 | 24.4 | 115.6 | 83 | | BMP | |
| RG-33382 EXPL1 | RICHARD M. HAGER, ANNIE CONSTANT | | | NORTHWEST RANCHES LLC | 28 CAMINO LOS SUENOS | T17N R 9E S19 2.500 AC, LOT 4 | COUNTY PLAT | 406448 | 3950465 | 17N.09E.19.11 | DOM | 3 | 9/8/1979 | 640 | 520.0 | 120.0 | 5.6 | 114.4 | 95 | 11.8 | 108.2 | 90 | | BMP | |
| RG-33451 | LEONARD E. SHULMAN, M.D., | | | KENNEY, NANCY BERGERE & ELLEN, | | T18N R 9E S19 62.525 AC, LOT A-2, N2, SW4, SW4 SW4, | COUNTY PLAT | 407031 | 3958929 | 18N.09E.19.344 | DOM | 3 | 10/30/1979 | 450 | 200.0 | 250.0 | 13.5 | 236.5 | 95 | 25.8 | 224.2 | 90 | | BMP | |
| RG-33833 | BURTON AND PAULA GEYER | Burton L. and Paula Geyer | | | 21 Goodnight Trail West | Lot 19 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405209 | 3954630 | | DOM | 3 | 3/13/1980 | 700 | 580.0 | 120.0 | 23.5 | 96.5 | 80 | 37.9 | 82.1 | 68 | | BMP | |
| RG-34804 | MARIAM BROWNE, | | | LEBLANC, STEVEN R & ELLEN A | | T16N R10E S21, 30.627 AC | COUNTY PLAT | 407399 | 3951520 | 17N.09E.18.412 | MUL | 3 | 10/3/1980 | 400 | 60.0 | 340.0 | 8.9 | 331.1 | 97 | 17.4 | 322.6 | 95 | | BMP | |
| RG-35350 | JOACHIM T. WIRTH, | | | GEORGE, JAMES S & BARBARA | 86 PASEO DE LA TIERRA | LOT 6 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 406982 | 3955141 | 17N.09E.6.142 | PDM | 3 | 12/2/1980 | 720 | 375.0 | 345.0 | 17.7 | 327.3 | 95 | 30.4 | 314.6 | 91 | | BMP | |
| RG-35630 | JAMES H. WHEELOCK, | | | HANDELSMAN, STUART | 31 VISTA CALABASAS | T17N R 9E S18 5.037 AC TR A, HANSEN & ZILECEA SURVEY | COUNTY PLAT | 406749 | 3952121 | 17N.09E.18.123 | DOM | 3 | 5/12/1986 | 605 | 455.0 | 150.0 | 8.9 | 141.1 | 94 | 17.4 | 132.6 | 88 | | BMP | |
| RG-35802 | YARKO KOZIY, | | | | | | | 395871 | 3958899 | 17N.09E.18.233 | DOM | 3 | 3/24/1981 | 720 | 600.0 | 120.0 | 20.5 | 99.5 | 83 | 35.8 | 84.2 | 70 | | BMP | |
| RG-36031 | DAVID GARRISON, | | | GARRISON, DAVID | 138 ESTRADA REDONDA | T18N R 9E S32 16.63 AC, LOT 91 LA TIERRA PHASE 3 | COUNTY PLAT | 408142 | 3956772 | 18N.09E.32. | DOM | 3 | 4/27/1981 | 700 | 620.0 | 80.0 | 9.1 | 70.9 | 89 | 18.2 | 61.8 | 77 | | BMP | |

# Appendix B. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-37078 CLW | BOB WEIL, ROLAND BETTS | Roland and Lois Betts | | | 6 Headquarters Trail | Lot 2 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405591 | 3954061 | 17N.08E.1.413 | DOM | 0 | 12/15/1993 | 755 | 580.0 | 175.0 | 23.5 | 151.5 | 87 | 37.9 | 137.1 | 78 | 6693 | BMP | |
| RG-37113 | EUGENE E., TRUSTEE BECK, | | | LINCOLN, CYNTHIA H TRUST | | LOT 76 LA TIERRA NUEVA, T17N R 8E S 1 | COUNTY PLAT | 405476 | 3954840 | 17N.08E.1. | DOM | 3 | 11/25/1981 | 700 | 527.0 | 173.0 | 36.2 | 136.8 | 79 | 53.6 | 119.4 | 69 | 6668 | BMP | |
| RG-37164 | ROBERT MARCUS, | | Mountain Vista | ROUNSVILLE, WILLIAM J | 82 PASEO DE LA TIERRA | T17N R 9E S5 184.91 AC, TRACT A, LIVESTOCK ON ACCT 970001905, | COUNTY PLAT | 408098 | 3955429 | 17N.09E.5.11 | DOM | 3 | 12/1/1981 | 950 | 604.7 | 345.3 | 9.2 | 336.1 | 97 | 18.0 | 327.3 | 95 | 6919 | BMP | |
| RG-37582 | GLORIA GAUGHAN, | | | | | | | 399421 | 3950816 | 17N.09E.18.22 | DOM | 3 | 2/12/1982 | 700 | 550.0 | 150.0 | 8.9 | 141.1 | 94 | 18.0 | 132.0 | 88 | | BMP | |
| RG-37817 | DAVID C NELSON, | | | GEORGE, JAMES S & BARBARA | 86 PASEO DE LA TIERRA | LOT 6 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 406685 | 3955076 | 17N.09E.6. | DOM | 3 | 4/23/1982 | 720 | 600.0 | 120.0 | 17.7 | 102.3 | 85 | 30.4 | 89.6 | 75 | 6683 | BMP | |
| RG-37879 | MARCIA J. WILSON, | | | RIMBEAUX, B C | 44 VALLECITO RD | LOT 17 VALLECITO DE LA TIERRA, T17N R 9E S18 2.97 AC | COUNTY PLAT | 407450 | 3951838 | 17N.08E.17.443 | DOM | 3 | 6/1/1982 | 600 | 460.0 | 140.0 | 8.9 | 131.1 | 94 | 17.4 | 122.6 | 88 | | BMP | |
| RG-40491 | FRANCIS MURPHY | Francis Michael Murphy and Joan-Ann Ryan-Murphy | | MURPHY, FRANCIS M & JOAN ANN | 34 CHISHOLM TRL | LOT 26 LA TIERRA NUEVA, T17N R 8E S 1 10.869 AC | COUNTY PLAT | 404883 | 3954138 | | DOM | 3 | 9/16/1983 | 730 | 590.0 | 140.0 | 23.5 | 116.5 | 83 | 37.9 | 102.1 | 73 | | BMP | |
| RG-40722 | KATHLEEN MLOTOK, | | | | | | | 403884 | 3956473 | 18N.08E.35. | DOM | 3 | 9/9/1983 | 756 | 603.0 | 153.0 | 58.6 | 94.4 | 62 | 80.8 | 72.2 | 47 | | BMP | |
| RG-40978 | COURTLANDT & KATRINA BARNES, | | | BARNES, COURTLANDT D & KATRINA | 2 WILDFLOWER WAY | T17N R 9E S18 10 AC SE4 PORT, | COUNTY PLAT | 407745 | 3951291 | 17N.09E.18.424 | DOM | 3 | 1/26/1984 | 720 | 600.0 | 120.0 | 3.8 | 116.2 | 97 | 8.6 | 111.4 | 93 | | BMP | |
| RG-41872 | EDWARD E. JR. CROCKER, | | | NAVA, GREGORY | 29 ESTRADA MAYA | T18N R 9E S32 10.89 AC, LOT 97 LA TIERRA PHASE 3 | COUNTY PLAT | 408842 | 3957099 | 18N.09E.32.211 | DOM | 3 | 2/19/1984 | 730 | 550.0 | 180.0 | 9.1 | 170.9 | 95 | 18.2 | 161.8 | 90 | 6783 | BMP | |
| RG-42335 | RANDLOW SMITH, | | | RIMBEAUX, B C | 44 VALLECITO RD | LOT 17 VALLECITO DE LA TIERRA, T17N R 9E S18 2.97 AC | COUNTY PLAT | 407450 | 3951838 | 17N.09E.1.332 | DOM | 3 | 8/7/1984 | 740 | 550.0 | 190.0 | 8.9 | 181.1 | 95 | 17.4 | 172.6 | 91 | | BMP | |
| RG-42618 | CHARLES S. VON STADE | Eleanor T. and Charles S. von Stade | | | 42 Chisholm Trail | Lot 28 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 404814 | 3954123 | | DOM | 3 | 10/18/1984 | 605 | 520.0 | 85.0 | 23.5 | 61.5 | 72 | 37.9 | 47.1 | 55 | | BMP | |
| RG-46386 | DANIEL FORMAN, | | | CITY OF SANTA FE | CITY PROPERTY | CITY PROPERTY, MAPPING PURPOSE ONLY | COUNTY PLAT | 411114 | 3953865 | 17N.09E.18.414 | DOM | 3 | 10/16/1986 | 605 | 380.0 | 225.0 | 2.6 | 222.4 | 99 | 6.3 | 218.7 | 97 | | BMP | |
| RG-48491 | DARLENE STREIT, | Michael and Tami Lang | | LANG, MICHAEL S & TAMI | 173 CHISHOLM TRL | LOT 49 LA TIERRA NUEVA, T17N R 8E S 2 15.425 AC | COUNTY PLAT | 403827 | 3955337 | 17N.08E.2.121 | DOM | 3 | 11/24/1987 | 730 | 530.0 | 200.0 | 81.4 | 118.6 | 59 | 102.9 | 97.1 | 49 | 6564 | BMP | |
| RG-48897 | WLATER L. & EMILY C. MEAD, | | | MEAD, WALTER L JR & EMILY C | 29 CALLE ADELINA | T18N R 9E S30 40 AC SE4-SW4, UND INTEREST | COUNTY PLAT | 406915 | 3957423 | 18N.09E.30.34 | DOM | 3 | 4/11/1988 | 800 | 580.0 | 220.0 | 16.8 | 203.2 | 92 | 29.8 | 190.2 | 86 | 6638 | BMP | |
| RG-48897 X2 | WLATER L. & EMILY C. MEAD, | | | MEAD, WALTER L JR & EMILY C | 29 CALLE ADELINA | T18N R 9E S30 40 AC SE4-SW4, UND INTEREST | COUNTY PLAT | 407014 | 3957522 | 18N.09E.30.342 | DOM | 3 | 11/14/1996 | 760 | 422.0 | 338.0 | 16.8 | 321.2 | 95 | 29.8 | 308.2 | 91 | 6617 | BMP | |
| RG-49717 | GLORIA GAUGHAM, | | | CHRIST, RONALD TRUSTEE OF | 40 CAMINO CIELO | T17N R 9E S18 2.907 AC, LOT 4-A CIELO AZUL | COUNTY PLAT | 406273 | 3952251 | 17N.09E.18. | DOM | 3 | 9/6/1988 | 700 | 600.0 | 100.0 | 8.9 | 91.1 | 91 | 17.4 | 82.6 | 83 | | BMP | |
| RG-49952 | JOSEPH MORSE | Florence and Joseph Morse | | | 25 Goodnight Trail | Lot 20, La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405546 | 3954603 | | DOM | 3 | 12/22/1988 | 710 | 540.0 | 170.0 | 23.5 | 146.5 | 86 | 37.9 | 132.1 | 78 | | BMP | |
| RG-50395 | TAYLOR A DALE, | | | BRANCH, DENNIS R | | T17N R 9E S18 17.400 AC TR D4, NW4 | COUNTY PLAT | 406939 | 3952352 | 17N.09E.18.112 | DOM | 3 | 3/12/1989 | 700 | 480.0 | 220.0 | 8.9 | 211.1 | 96 | 17.4 | 202.6 | 92 | | BMP | |
| RG-50735 | EUGENE D HIGGINS, | | | SCULLIN, MARC & CYNTHIA | 136 ARROYO CALABASAS RD | T17N R 9E S18 2.5 AC TR 1, | COUNTY PLAT | 406269 | 3951935 | 17N.09E.18.11 | MUL | 3 | 5/11/1989 | 700 | 500.0 | 200.0 | 8.9 | 191.1 | 96 | 17.4 | 182.6 | 91 | 6644 | BMP | |
| RG-50944 | DENNIS & ELLEN SANDERS, | | | BT HOMES INC | | T17N R 9E S12 252.0120 AC, TR 14 W OF TAOS HWY | COUNTY PLAT | 414355 | 3953833 | 17N.09E.18.1 | DOM | 0 | 7/1/1989 | 700 | 580.0 | 120.0 | 1.0 | 119.0 | 99 | 2.9 | 117.1 | 98 | | BMP | |
| RG-51854 | RAY WINN | William A. and Janet F. Moffett | | | 44 Chisholm Trail | Lot 29 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 404642 | 3954152 | | DOM | 3 | 2/15/1990 | 695 | 590.0 | 105.0 | 23.5 | 81.5 | 78 | 37.9 | 67.1 | 64 | | BMP | |
| RG-52506 | WILLIAM AGNEW | Tucker Family Trust - Cecil R. Tucker/Janice W. Tucker | | | 20 Goodnight Trail West | | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405241 | 3954362 | | DOM | 3 | 8/7/1990 | 730 | 627.0 | 103.0 | 23.5 | 79.5 | 77 | 37.9 | 65.1 | 63 | | BMP | |
| RG-52780 CLW | RICHARD BRENNER, VALLECITO HOMEOWNERS ASSOC | | Vallecitos #1 | LUDIN, FRITZ | | T17N R 9E S18 10 AC NE4-SE4, | COUNTY PLAT | 407446 | 3951438 | 17N.09E.18.412 | DOM | 3 | 12/23/1996 | 735 | 496.0 | 239.0 | 8.9 | 230.1 | 96 | 17.4 | 221.6 | 93 | 6718 | BMP | |
| RG-52938 | JACK & JUNE SMITH, | | | MILLER, MARK C | 3 VUELTA LINDA | T18N R 9E S32 11.32 AC, LOT 107 LA TIERRA PHASE 3 | COUNTY PLAT | 408537 | 3956601 | 18N.09E.32.14 | DOM | 3 | 9/26/1990 | 1000 | 650.0 | 350.0 | 9.1 | 340.9 | 97 | 18.2 | 331.8 | 95 | 6802 | BMP | |
| RG-53071 | LEROY BACA, | | | | | | | 400288 | 3949351 | 17N.08E.21.343 | DOM | 3 | 10/10/1990 | 440 | 261.0 | 179.0 | 5.0 | 174.0 | 97 | 11.2 | 167.8 | 94 | | BMP | |
| RG-53404 | MARC NEIKRUG, | | | FISCHER, CYNTHIA F & KURT | 17 SONRISA TRL | LOT 4 SONRISA S/D 5.010 AC, T17N R 9E S18 | COUNTY PLAT | 406265 | 3951450 | 17N.09E.18.311 | MUL | 3 | 7/10/1991 | 800 | 410.0 | 390.0 | 8.9 | 381.1 | 98 | 17.4 | 372.6 | 96 | | BMP | |
| RG-53581 | PATRICIA & J. SIGMUND FORMAN, | | | LUDIN, FRITZ | | T17N R 9E S18 10 AC NE4-SE4, | COUNTY PLAT | 407446 | 3951438 | 17N.09E.18.412 | MUL | 3 | 6/14/1991 | 700 | 580.0 | 120.0 | 8.9 | 111.1 | 93 | 17.4 | 102.6 | 86 | | BMP | |

# Appendix B. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-53658 | BRIAN K. GONZALES, | | | BLOG, THOMAS M & ANNE E | 43 VUELTA MARIA | LOT 24 LAS DOS PHASE 1, T18N R 9E S30 13.177 AC, PER DEATH CERT & ATTY R FOX, | COUNTY PLAT | 407484 | 3957507 | 18N.09E.30.432 | DOM | 3 | 5/7/1991 | 720 | 520.0 | 200.0 | 9.1 | 190.9 | 95 | 18.2 | 181.8 | 91 | | BMP | |
| RG-53984 | HERSCHEL COBB, | | | LOVE RANCH PARTNERS LLC | | T17N R 9E S18, TR D, 20.00 AC, | COUNTY PLAT | 407467 | 3951068 | 17N.09E.18.423 | MUL | 3 | 8/7/1991 | 735 | 500.0 | 235.0 | 3.8 | 231.2 | 98 | 8.6 | 226.4 | 96 | | BMP | |
| RG-53998 | PETER GOODWIN, | | | LOVE RANCH PARTNERS LLC | | T17N R 9E S18, TR D, 20.00 AC, | COUNTY PLAT | 407467 | 3951068 | 17N.09E.18.423 | MUL | 3 | 7/15/1991 | 735 | 500.0 | 235.0 | 3.8 | 231.2 | 98 | 8.6 | 226.4 | 96 | | BMP | |
| RG-53999 | ROBERT & CAROL CARUTHERS, | | | LOVE RANCH PARTNERS LLC | | T17N R 9E S18, TR D, 20.00 AC, | COUNTY PLAT | 407467 | 3951068 | 17N.09E.18.423 | MUL | 3 | 6/30/1991 | 700 | 500.0 | 200.0 | 3.8 | 196.2 | 98 | 8.6 | 191.4 | 96 | | BMP | |
| RG-54000 | CANDIS NELSON, | | | LOVE RANCH PARTNERS LLC | | T17N R 9E S18, TR D, 20.00 AC, | COUNTY PLAT | 407467 | 3951068 | 17N.09E.18.423 | MUL | 3 | 7/9/1991 | 730 | 500.0 | 230.0 | 3.8 | 226.2 | 98 | 8.6 | 221.4 | 96 | | BMP | |
| RG-54001 | B. C. RIMBEAUX, | | | LOVE RANCH PARTNERS LLC | | T17N R 9E S18, TR D, 20.00 AC, | COUNTY PLAT | 407467 | 3951068 | 17N.09E.18.423 | MUL | 3 | 9/5/1991 | 718 | 500.0 | 218.0 | 3.8 | 214.2 | 98 | 8.6 | 209.4 | 96 | | BMP | |
| RG-54066 | JAMES KARP, | James and Arlene Karp | | BERNSTEIN, TOM A & ANDREA E | 11 Longhorn Lane | Lot 42 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 403672 | 3954737 | 17N.08E.2.142 | DOM | 3 | 7/31/1991 | 760 | 540.0 | 220.0 | 81.4 | 138.6 | 63 | 102.9 | 117.1 | 53 | 6549 | BMP | |
| RG-54262 | WELLS W. WHITNEY, | Philip Grasso | | | 17 Longhorn Lane | Lot 41 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 403699 | 3954577 | 17N.08E.2.223 | DOM | 3 | 11/8/1991 | 755 | 535.0 | 220.0 | 37.0 | 183.0 | 83 | 54.5 | 165.5 | 75 | 6531 | BMP | |
| RG-54319 | JEROME MARSHAK, | | | KENNEY GRANDCHILDRENS | 50 CALLE ADELINA | T18N R 9E S30 21.056 AC, TR D | COUNTY PLAT | 406823 | 3958125 | 18N.09E.30.143 | DOM | 3 | 9/19/1991 | 715 | 560.0 | 155.0 | 13.5 | 141.5 | 91 | 25.8 | 129.2 | 83 | 6575 | BMP | |
| RG-54395 | CLAY BERGER, | John L. Babitt | | | 38 Goodnight Trail | Lot 9 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 406245 | 3954574 | 17N.08E.1.421 | DOM | 3 | 9/25/1991 | 740 | 580.0 | 160.0 | 13.5 | 146.5 | 92 | 24.4 | 135.6 | 85 | 6646 | BMP | |
| RG-54655 | WILLIAM C. III HARKER, | | | ELTON, DEBBIE | | T17N R 9E S18 5 AC LOT 4A, AS PER DEATH CERTIFICATE, #091019, | COUNTY PLAT | 406979 | 3951747 | | MUL | 3 | 12/23/1991 | 700 | 580.0 | 120.0 | 8.9 | 111.1 | 93 | 17.4 | 102.6 | 86 | 6681 | BMP | |
| RG-54919 | PING & DEBORAH LEE, | | | MURATA, HIROSHI & NANCY | 22 VUELTA CHAMISA | LOT 8 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 406788 | 3955542 | 17N.09E.6.121 | DOM | 3 | 3/8/1992 | 660 | 500.0 | 160.0 | 17.7 | 142.3 | 89 | 30.4 | 129.6 | 81 | 6622 | BMP | |
| RG-54938 | WILLIAM & JOANNA SEITZ, | | | MEAD, WALTER L JR & EMILY C | 57 CALLE ADELINA | LOT B-3 45.458 AC, T18N R 9E S30 | COUNTY PLAT | 406616 | 3957928 | 18N.09E.30.312 | DOM | 3 | 3/7/1992 | 700 | 550.0 | 150.0 | 13.5 | 136.5 | 91 | 25.8 | 124.2 | 83 | 6555 | BMP | |
| RG-55206 | LA LUZ GROUP, LLC, | | | | | | | 402036 | 3961412 | 18N.08E.15.143 | DOM | 0 | 9/28/1992 | 655 | 580.0 | 75.0 | 24.3 | 50.7 | 68 | 41.6 | 33.4 | 45 | 6394 | BMP | |
| RG-55696 CLW | R. L. BURKE, | | | MCCURDY, RICHARD B TRUSTEE | 60 E ESTRADA CALABASA | LOT 57 LA TIERRA S/D PH 2, T18N R 9E S31 10.992 AC | COUNTY PLAT | 407825 | 3955729 | 18N.09E.31.444 | DOM | 0 | 4/14/1993 | 850 | 685.0 | 165.0 | 9.2 | 155.8 | 94 | 18.0 | 147.0 | 89 | 6727 | BMP | |
| RG-55734 | JILL & MITCHEL, PAUL NORTON, | Jill A. Norton | | | 138 Chisholm Trail | Lot 44 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 403477 | 3954854 | 17N.08E.2.124 | DOM | 3 | 8/19/1992 | 740 | 500.0 | 240.0 | 81.4 | 158.6 | 66 | 102.9 | 137.1 | 57 | 6558 | BMP | |
| RG-55885 | CUSTOM PROPERTIES OF SANTA FE, JAMES D. WARREN | William L. Oliver, Jr., and Mary Lynn Oliver | | | 54 Headquarters Trail | Lot 78 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405763 | 3954711 | 17N.08E.1.233 | DOM | 3 | 8/25/1992 | 750 | 530.0 | 220.0 | 36.2 | 183.8 | 84 | 53.6 | 166.4 | 76 | 6622 | BMP | |
| RG-56282 | CLIFF WALBRIDGE, | Donald and Karen Berlanti Revocable Trust | | BERLANTI, DONALD V & KAREN L | 171 HEADQUARTERS TRL | LOT 69 LA TIERRA NUEVA, T17N R 8E S 1 27.273 AC | COUNTY PLAT | 405170 | 3955316 | 17N.08E.1.123 | DOM | 3 | 12/18/1992 | 700 | 520.0 | 180.0 | 36.2 | 143.8 | 80 | 53.6 | 126.4 | 70 | 6620 | BMP | |
| RG-56667 | DON & DEBBIE WOODIN, | | | LOVE RANCH PARTNERS LLC | | T17N R 9E S18, TR C, 20.20 AC, | COUNTY PLAT | 407065 | 3951041 | 17N.09E.18.431 | MUL | 3 | 4/3/1993 | 725 | 630.0 | 95.0 | 5.6 | 89.4 | 94 | 11.8 | 83.2 | 88 | | BMP | |
| RG-56804 | MYRON G. RIGHTMAN, | | | | | | | 408252 | 3958516 | 18N.09E.29.114 | DOM | 3 | 3/3/1993 | 705 | 420.0 | 285.0 | 7.8 | 277.2 | 97 | 16.4 | 268.6 | 94 | | BMP | |
| RG-56880 | PRICILLA TEMPLE, | | | UNFRIED, CHARLES O JR & NANCY | 17 VUELTA YUCCA | T18N R 9E S32 13.30 AC, LOT 79 LA TIERRA PHASE 3 | COUNTY PLAT | 408027 | 3955725 | 18N.09E.32.333 | DOM | 3 | 3/12/1993 | 755 | 578.0 | 177.0 | 9.2 | 167.8 | 95 | 18.0 | 159.0 | 90 | 6766 | BMP | |
| RG-57586 | JAIME TRUJILLO, | | | | | | | 408250 | 3951460 | 17N.09E.17.134 | MUL | 3 | 7/1/1993 | 700 | 500.0 | 200.0 | 5.6 | 194.4 | 97 | 11.8 | 188.2 | 94 | | BMP | |
| RG-57619 | ERIC A. SAMLER, | | | WAGNER, LINDA J | 34 RABBITBRUSH | LOT 11 LA VIDA S/D 2.012 AC, T17N R 9E S19 | COUNTY PLAT | 407031 | 3950240 | 17N.09E.19.124 | MUL | 3 | 2/18/1994 | 643 | 481.0 | 162.0 | 5.6 | 156.4 | 97 | 11.8 | 150.2 | 93 | | BMP | |
| RG-57851 | SUSAN GARDNER, Trujillo | | Guesthouse | TRUJILLO, RICARDO B | 16 CAMINO LADERA | T17N R 9E S 5 LOT 1-D 5.060 AC, | COUNTY PLAT | 409294 | 3955311 | 17N.09E.5.412 | DOM | 3 | 9/29/1993 | 864 | 520.0 | 344.0 | 5.0 | 339.0 | 99 | 11.0 | 333.0 | 97 | 6863 | BMP | |
| RG-57909 EXPL | PETER ORDWAY, | | | | | | | 407646 | 3956147 | 18N.09E.31.423 | DOM | 0 | 8/10/1993 | 900 | 550.0 | 350.0 | 9.2 | 340.8 | 97 | 18.0 | 332.0 | 95 | 6729 | BMP | |
| RG-57968 | SARA VACHA, | | | SCHNEIDER, DAVID J & | 16 CAMINO CALABASAS | T17N R 9E S18 LOT 1 2.50 AC, | COUNTY PLAT | 407856 | 3952235 | 17N.09E.18.222 | DOM | 3 | 8/21/1993 | 700 | 540.0 | 160.0 | 5.6 | 154.4 | 97 | 11.8 | 148.2 | 93 | | BMP | |
| RG-58366 | HACIENDA DEL CEREZO LTD., | | HDC1 | HACIENDA DEL CEREZO LTD | | T18N R 9E S 1 NW4-SW4-S2, SW4-, N2-NW4 & LOT 6, T18N R 9E S18 217.113 AC, | COUNTY PLAT | 406473 | 3960061 | 18N.09E.19.113 | SAN | 3 | 1/6/1994 | 945 | 396.0 | 549.0 | 10.2 | 538.8 | 98 | 21.1 | 527.9 | 96 | 6551 | BMP | |
| RG-58534 | CARRIE LEE KAYE, | | | ROSENZWOG, JANET | | LOT 16 VALLECITO DE LA TIERRA, T17N R 9E S18 | COUNTY PLAT | 407475 | 3951869 | 17N.09E.18.223 | DOM | 0 | | 800 | 500.0 | 300.0 | 5.6 | 294.4 | 98 | 11.8 | 288.2 | 96 | | BMP | |
| RG-59101 | DAVID C. ZERBST, | | | GRANT, PETER A & JOAN C | | T17N R 9E S18 5.0765 AC, LOT A-4 | COUNTY PLAT | 407454 | 3952239 | 17N.09E.18.212 | MUL | 3 | 3/16/1994 | 750 | 445.0 | 305.0 | 8.9 | 296.1 | 97 | 17.4 | 287.6 | 94 | | BMP | |
| RG-59195 | MICHAEL HURLOCKER, | | Los Suenos Expl | JANS, NEIL A & IRENE L | 10 E CLOUD MARCH | T17N R 8E S13 2.727 AC, LOS SUENOS S/D LOT 8 | COUNTY PLAT | 406047 | 3951057 | 17N.08E.13.441 | MUL | 3 | 3/25/1994 | 845 | 448.7 | 396.3 | 5.6 | 390.7 | 99 | 11.8 | 384.5 | 97 | 6661 | BMP | |
| RG-59213 | MICHAEL & BARBARA OGG, | Barbara and Michael J. Ogg | | OGG, MICHAEL J & BARBARA DOROB | 209 HEADQUARTERS TRL | LOT 66 LA TIERRA NUEVA, T17N R 8E S 2 17.704 AC | COUNTY PLAT | 404678 | 3955430 | 17N.08E.2.222 | DOM | 3 | 4/6/1994 | 750 | 500.0 | 250.0 | 36.2 | 213.8 | 86 | 53.6 | 196.4 | 79 | 6508 | BMP | |

# Appendix B. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-59386 | GABRIELLE BURKE, | | | | | | | 405044 | 3961179 | 18N.08E.13.312 | DOM | 0 | 1/15/1995 | 905 | 480.0 | 425.0 | 11.6 | 413.4 | 97 | 24.0 | 401.0 | 94 | 6516 | BMP | |
| RG-59388 | ROBERT & NANCY LEHRER, | Robert and Nancy Lehrer | | LEHRER, ROBERT M & NANCY M | 240 HEADQUARTERS TRL | LOT 61 LA TIERRA NUEVA, T17N R 8E S 2 12.643 AC | COUNTY PLAT | 404339 | 3954999 | 17N.08E.2.222 | DOM | 3 | 4/15/1994 | 800 | 505.0 | 295.0 | 36.2 | 258.8 | 88 | 53.6 | 241.4 | 82 | 6508 | BMP | |
| RG-59728 | HELEN LOUISE SWANKY, | | | JACOBS, LAURENCE S & KATHERINE | 60 LA SERENA TRL | T17N R 9E S19 2.992 AC, LOT 9 LA SERENA S/D | COUNTY PLAT | 407035 | 3950641 | 17N.09E.18.34 | DOM | 0 | 5/4/1994 | 855 | 485.0 | 370.0 | 5.6 | 364.4 | 98 | 11.8 | 358.2 | 97 | | BMP | |
| RG-59973 | LOUIS & BARBARA SKLAR, | Louis S. and Barbara Sklar | | | 19 Brahma Ln | Lot 60 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 404788 | 3955019 | 17N.08E.2.122 | DOM | 3 | 8/10/1994 | 750 | 540.0 | 210.0 | 36.2 | 173.8 | 83 | 53.6 | 156.4 | 74 | 6511 | BMP | |
| RG-60104 | LEONARD & BARBARA RAND THE RAN, | Len and Barbara Rand | | RAND, LEONARD M & BARBARA E | 111 HEADQUARTERS TRL | LOT 73 LA TIERRA NUEVA S/D, T17N R 8E S 1 | COUNTY PLAT | 405218 | 3955382 | 17N.08E.1.142 | DOM | 3 | 1/20/1995 | 760 | 580.0 | 180.0 | 36.2 | 143.8 | 80 | 53.6 | 126.4 | 70 | 6641 | BMP | |
| RG-60135 | RICHARD FALLOWS, | | | MOTODA, DARYL M & JEANETTE W | 5 TERARY CT | T17N R 8E S13 4.001 AC, LOT 5 EL PRADO S/D | COUNTY PLAT | 406154 | 3952301 | 17N.08E.13.222 | MUL | 3 | 8/30/1994 | 800 | 465.0 | 335.0 | 8.9 | 326.1 | 97 | 17.4 | 317.6 | 95 | 6690 | BMP | |
| RG-60136 | RICHARD FALLOWS, | | El Prado Test Well | MARX, JAMES F & | 10 LUPINE CT | T17N R 8E S13 4.081 AC, LOT 4 EL PRADO S/D | COUNTY PLAT | 406139 | 3952312 | 17N.08E.13.242 | MUL | 3 | 8/21/1994 | 810 | 488.8 | 321.2 | 8.9 | 312.3 | 97 | 17.4 | 303.9 | 95 | 6680 | BMP | |
| RG-60137 | RICHARD FALLOWS, | | El Prado ELP2 | MOTODA, DARYL M & JEANETTE W | 5 TERARY CT | T17N R 8E S13 4.001 AC, LOT 5 EL PRADO S/D | COUNTY PLAT | 406179 | 3952187 | 17N.08E.13.224 | MUL | 3 | 8/26/1994 | 830 | 481.8 | 348.2 | 8.9 | 339.3 | 97 | 17.4 | 330.9 | 95 | 6686 | BMP | |
| RG-60138 | RICHARD FALLOWS, | | El Prado ELP3 | MARCELLUS, GARY W & LINDA | 35 COPPERMALLOW RD | T17N R 8E S13 4.292 AC, LOT 11 EL PRADO S/D | COUNTY PLAT | 406081 | 3951925 | 17N.08E.13.241 | MUL | 3 | 9/4/1994 | 820 | 448.2 | 371.8 | 8.9 | 362.9 | 98 | 17.4 | 354.4 | 95 | 6642 | BMP | |
| RG-60404 | SHERYL M LARNER, | Richard and Staci Smith | | | 21 Chisholm Trail | Lot 25 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 404936 | 3954130 | 17N.08E.1.331 | DOM | 3 | 12/17/1994 | 760 | 580.0 | 180.0 | 23.5 | 156.5 | 87 | 37.9 | 142.1 | 79 | 6647 | BMP | |
| RG-61535 | WILLIAM & SHARON EKLUND, | | | EKLUND, WILLIAM A & SHARON R | 48 PASEO DE LA TIERRA | LOT 3 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 407174 | 3954334 | 17N.09E.6.431 | DOM | 0 | 10/26/1998 | 750 | 522.0 | 228.0 | 13.5 | 214.5 | 94 | 24.4 | 203.6 | 89 | 6742 | BMP | |
| RG-61551 | TOM BLOG, | | | MEAD, WALTER L JR & EMILY C | 29 CALLE ADELINA | T18N R 9E S30 40 AC SE4-SW4, UND INTEREST | COUNTY PLAT | 406814 | 3957522 | 18N.09E.30.341 | DOM | 3 | 2/11/1995 | 810 | 580.0 | 230.0 | 16.8 | 213.2 | 93 | 29.8 | 200.2 | 87 | 6617 | BMP | |
| RG-61944 | ROBERT T RITTER, | Robert and Connie Ritter | | | 10 SHORTHORN LN | Lot 6 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 406049 | 3953948 | 17N.08E.12.121 | DOM | 3 | 3/25/1995 | 710 | 585.0 | 125.0 | 13.5 | 111.5 | 89 | 24.4 | 100.6 | 81 | 6625 | BMP | |
| RG-62974 | RICHARD S PODMORE, | | | MORO, RAYMOND & IRIS D | 12 DEER CIR | LOT 269 LAS CAMPANAS ESTATES, II | COUNTY PLAT | 407852 | 3951865 | 17N.09E.18.224 | DOM | 3 | 1/11/1996 | 800 | 460.0 | 340.0 | 5.6 | 334.4 | 98 | 11.8 | 328.2 | 97 | | BMP | |
| RG-63280 | LAURA BETH CLAYTON, | | | COST, RICHARD & STACEY | 19 VUELTA CHAMISA | LOT 10 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 406988 | 3955542 | 17N.09E.6.122 | DOM | 3 | 10/4/1995 | 760 | 490.0 | 270.0 | 17.7 | 252.3 | 93 | 30.4 | 239.6 | 89 | 6691 | BMP | |
| RG-64419 | SYLVIA SWANSON, | E. Gifford Stack and Sylvia E. Swanson | | SWANSON, SYLVIA E & E GIFFORD | 97 CHISHOLM TRL | LOT 36 LA TIERRA NUEVA 1, T17N R 8E S 2, 10.030 AC, | COUNTY PLAT | 404293 | 3954920 | 17N.08E.2.421 | DOM | 3 | 5/31/1996 | 740 | 500.0 | 240.0 | 36.2 | 203.8 | 85 | 53.6 | 186.4 | 78 | 6620 | BMP | |
| RG-65175 | GREGORY COLE, | | | MEAD, WALTER L JR & EMILY C | 57 CALLE ADELINA | LOT B-3 45.458 AC, T18N R 9E S30 | COUNTY PLAT | 407019 | 3957723 | 18N.09E.30.324 | MUL | 3 | 8/22/1996 | 800 | 560.0 | 240.0 | 16.8 | 223.2 | 93 | 29.8 | 210.2 | 88 | 6602 | BMP | |
| RG-65180 | SUKI GROSECLOSE, | Everett and Susan Groseclose | | GROSECLOSE, EVERETT H & SUSAN | 57 E GOODNIGHT TRL | LOT 14 LA TIERRA NUEVA, T17N R 8E S 1, 13.942 AC, | COUNTY PLAT | 406081 | 3954653 | 17N.08E.1.423 | SAN | 3 | 5/10/1996 | 756 | 530.0 | 226.0 | 13.5 | 212.5 | 94 | 24.4 | 201.6 | 89 | 6695 | BMP | |
| RG-65244 | MICHAEL LAWRENCE, | | | TARN, NATHANIEL R TRUSTEE | 77 VUELTA MARIA | LOT 27 LAS DOS PHASE 1, T18N R 9E S29 10.856 AC | COUNTY PLAT | 408245 | 3957711 | 18N.09E.29.314 | DOM | 3 | 10/22/1996 | 800 | 560.0 | 240.0 | 9.1 | 230.9 | 96 | 18.2 | 221.8 | 92 | 6709 | BMP | |
| RG-65566 | PHYLLIS L. NEWCOMER, | Dr. Phyllis L. Newcomer | | NEWCOMER, PHYLLIS L | 79 CHISHOLM TRL | LOT 33 LA TIERRA NUEVA S/D, T17N R 8E S 2, 10.794 AC, | COUNTY PLAT | 404331 | 3955009 | 17N.08E.2.421 | DOM | 3 | 5/5/1998 | 765 | 542.0 | 223.0 | 36.2 | 186.8 | 84 | 53.6 | 169.4 | 76 | 6620 | BMP | |
| RG-65584 | CHARLES HARRISON, | Charles Harrison | | HARRISON, CHARLES & RAWSON, | 181 CHISHOLM TRL | LOT 51 LA TIERRA NUEVA, T17N R 8E S 2 14.399 AC | COUNTY PLAT | 403243 | 3955504 | 17N.08E.2.112 | DOM | 3 | 8/17/1997 | 755 | 535.0 | 220.0 | 81.4 | 138.6 | 63 | 102.9 | 117.1 | 53 | 6499 | BMP | |
| RG-66147 | ELISE WHELESS, | | | WHELESS, ELISE | 22 VUELTA SABIO | LOT 49 LA TIERRA PHASE 2, T17N R 9E S 6 12.814 AC | COUNTY PLAT | 406478 | 3954618 | 17N.09E.6.314 | DOM | 3 | 1/22/1997 | 750 | 500.0 | 250.0 | 13.5 | 236.5 | 95 | 24.4 | 225.6 | 90 | 6702 | BMP | |
| RG-66978 | CITY OF SANTA FE/CIP, | | | | | | | 403104 | 3949122 | 17N.08E.26.111 | SAN | 3 | 5/1/1997 | 890 | 240.0 | 650.0 | 5.3 | 644.7 | 99 | 11.2 | 638.8 | 98 | 6460 | BMP | |
| RG-67134 | DAVID KENNEY, | | | KENNEY, DAVID | 146 CALLE JOSEPHINA | T18N R 9E S19 62.502 AC, TR C | COUNTY PLAT | 407241 | 3959929 | 18N.09E.19.231 | DOM | 3 | 5/26/1999 | 270 | 60.0 | 210.0 | 10.2 | 199.8 | 95 | 21.1 | 188.9 | 90 | 6543 | BMP | |
| RG-67485 | LAWRENCE BURKE, | | Mariah Ranch | | | | | 405067 | 3962076 | 18N.08E.13.141 | DOM | 3 | 11/25/1997 | 880 | 420.0 | 460.0 | 11.6 | 448.4 | 97 | 24.0 | 436.0 | 95 | 6522 | BMP | |
| RG-68309 | DAN MCCOY, | | | LOGAN, STANLEY & MARJORIE | 150 ESTRADA REDONDA | T18N R 9E S32 11.65 AC, LOT 89 LA TIERRA PHASE 3 | COUNTY PLAT | 408034 | 3956504 | 18N.09E.32.133 | DOM | 3 | 9/10/1997 | 700 | 550.0 | 150.0 | 9.1 | 140.9 | 94 | 18.2 | 131.8 | 88 | 6785 | BMP | |
| RG-68712 | DENNIS & MARLYS WHITE, | | | WHITE, MARLYS RUTH | 48 E ESTRADA CALABASA | LOT 54 LA TIERRA PHASE 2, T18N R 9E S31 10.134 AC | COUNTY PLAT | 407365 | 3955733 | 18N.09E.31.434 | DOM | 3 | 4/10/1998 | 740 | 520.0 | 220.0 | 17.7 | 202.3 | 92 | 30.4 | 189.6 | 86 | 6674 | BMP | |
| RG-69121 | GREGORY SWENDSEN, | | | BELL, SUSAN H | 185 CALLE JOSEPHINA | T18N R 9E S19 12.50 AC, TR A-1 | COUNTY PLAT | 406438 | 3959936 | 18N.09E.19.131 | DOM | 3 | 6/8/1998 | 760 | 404.0 | 356.0 | 10.2 | 345.8 | 97 | 21.1 | 334.9 | 94 | 6551 | BMP | |
| RG-69782 | RICHARD & HELEN WOLFORD, | Richard and Helen Wolford | | | 103 Chisholm Trail | Lot 37 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 404106 | 3955085 | 17N.08E.2.233 | MUL | 3 | 6/13/1998 | 785 | 572.0 | 213.0 | 81.4 | 131.6 | 62 | 102.9 | 110.1 | 52 | 6569 | BMP | |

# Appendix B. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-70634 | STEPHEN KIRSCHENBAUM, | | Hacienda del Cerezo HDC2 | HACIENDA DEL CEREZO LTD | | T18N R 9E S 1 NW4-SW4-S2, SW4-, N2-NW4 & LOT 6, T18N R 9E S18 217.113 AC, | COUNTY PLAT | 406851 | 3960801 | 18N.09E.18.341 | DOM | 3 | 2/24/1999 | 800 | 426.0 | 374.0 | 10.2 | 363.8 | 97 | 21.1 | 352.9 | 94 | 6587 | BMP | |
| RG-71056 | SUSAN B. HADLEY, | | | VELTMANN, JOSEPH R JR | TANO RD | T17N R 9E S 5 5.02 AC LOT 1A, | COUNTY PLAT | 409408 | 3954304 | 17N.09E.5.442 | MUL | 3 | 12/15/1998 | 923 | 660.0 | 263.0 | 4.4 | 258.6 | 98 | 9.7 | 253.3 | 96 | | BMP | |
| RG-71298 | FRANK P.L. AND LYNNE S. MINAR, | Frank and Lynne Minard | | MINARD, FRANK P L & LYNNE S | 161 HEADQUARTERS TRL | LOT 70 LA TIERRA NUEVA, T17N R 8E S36 24.159 AC | COUNTY PLAT | 405074 | 3955773 | 18N.08E.36.334 | DOM | 3 | 11/22/1993 | 700 | 580.0 | 120.0 | 36.2 | 83.8 | 70 | 53.6 | 66.4 | 55 | 6558 | BMP | |
| RG-71558 | GAIL & PATRICK CASEY, | | | FARLEY, TERRANCE C & JOAN C | 23 VUELTA YUCCA | T18N R 9E S32 12.75 AC, LOT 81 LA TIERRA PHASE 3 | COUNTY PLAT | 408429 | 3955921 | 18N.09E.32.341 | DOM | 3 | 6/11/1999 | 800 | 515.0 | 285.0 | 9.2 | 275.8 | 97 | 18.0 | 267.0 | 94 | 6781 | BMP | |
| RG-71583 | JOYCE LIBUTTI, | | | HARRIS, JOHN G & M CHRISTINE | 13 PASEO DEL PAJARO | T17N R 9E S 5 8.510 AC, TRACT B-3-D | COUNTY PLAT | 408803 | 3954513 | 17N.09E.5.413 | MUL | 3 | 3/17/1999 | 853 | 440.0 | 413.0 | 7.6 | 405.4 | 98 | 15.4 | 397.6 | 96 | 6857 | BMP | |
| RG-71688 | STEPHEN A. GIBSON, | | | GARCIA, ANGEL E & | 71 BLUESTEM DR | T17N R 9E S 8 2.052 AC, LOT 7 COLINAS VERDES | COUNTY PLAT | 408702 | 3953859 | 17N.09E.8.21 | DOM | 3 | 3/28/1999 | 851 | 645.0 | 206.0 | 7.6 | 198.4 | 96 | 15.4 | 190.6 | 93 | | BMP | |
| RG-71728 | WILLIAM BUCHANAN, | William Buchanan and Ellen Walton | | | 135 Chisholm Trail | Lot 43 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 403821 | 3954959 | 17N.08E.2.141 | DOM | 3 | 4/21/1999 | 750 | 485.0 | 265.0 | 81.4 | 183.6 | 69 | 102.9 | 162.1 | 61 | 6526 | BMP | |
| RG-71748 | KING BROTHERS RANCH, | | Rancho de los Ninos Expl | GONZALES, GEORGE A & CELINE V | 57 CALLE HACIENDA | LOT 14 RANCHO DE LOS NINOS SD, T17N R 8E S23 2.500 AC | COUNTY PLAT | 403911 | 3950729 | 17N.08E.23.21 | | 0 | 4/13/1999 | 854 | 407.8 | 446.2 | 9.6 | 436.6 | 98 | 18.3 | 427.9 | 96 | 6575 | BMP | |
| RG-71811 | MICHAEL & LEE MORE, | | | MORE, J MICHAEL & LEE | 52 E ESTRADA CALABASA | LOT 55 LA TIERRA PHASE 2, T18N R 9E S31 10.438 AC | COUNTY PLAT | 407503 | 3955730 | 18N.09E.31.434 | DOM | 3 | 5/4/1999 | 760 | 465.0 | 295.0 | 9.2 | 285.8 | 97 | 18.0 | 277.0 | 94 | 6674 | BMP | |
| RG-72263 | JON WOLFE, | | | | | | | 407827 | 3958118 | 18N.09E.30.244 | DOM | 3 | 7/31/1999 | 820 | 690.0 | 130.0 | 7.8 | 122.2 | 94 | 16.4 | 113.6 | 87 | 6615 | BMP | |
| RG-72292 | GEORGE GOZIGIAN, | | | GOZIGIAN, GEORGE & JEANNE T | 30 E ESTRADA CALABASA | LOT 52 LA TIERRA PHASE 2, T18N R 9E S31 10.180 AC | COUNTY PLAT | 407022 | 3955736 | 18N.09E.31.344 | DOM | 3 | 6/30/1999 | 750 | 610.0 | 140.0 | 17.7 | 122.3 | 87 | 30.4 | 109.6 | 78 | 6649 | BMP | |
| RG-72317 | KING BROTHERS RANCH, | | | GALLEGOS, FRANK & ELIZABETH | 16 VIA DE ESTRELLAS | T17N R8E S23 2.500 AC, TRACT 4B-4B1 | COUNTY PLAT | 403214 | 3949828 | 17N.08E.23.31 | | 3 | 9/28/1999 | 802 | 244.0 | 558.0 | 9.6 | 548.4 | 98 | 18.3 | 539.7 | 97 | 6526 | BMP | |
| RG-72349 | GERALD AND KATHLEEN PETERS, | | Wilderness Estates | WILDERNESS ESTATES DEVELOPMENT | | T17N R 8E S24 40.00 AC, NW1/4 SE1/4 | COUNTY PLAT | 405489 | 3949905 | 17N.08E.24.411 | DOM | 3 | 7/18/1999 | 740 | 404.2 | 335.8 | 7.8 | 328.0 | 98 | 15.4 | 320.4 | 95 | 6614 | BMP | |
| RG-72551 | TOBY LOVATO, | | | | | | | 408275 | 3951460 | 17N.09E.17.143 | DOM | 3 | 11/26/1999 | 660 | 255.0 | 405.0 | 5.6 | 399.4 | 99 | 11.8 | 393.2 | 97 | | BMP | |
| RG-72697 | PHILIP & BERNADETTE WIEGEL, | | | DAVIDSON, KENNETH J | 157 VUELTA MARIA | LOT 31 LAS DOS PHASE 1, T18N R 9E S29 11.048 AC | COUNTY PLAT | 408249 | 3958113 | 18N.09E.29.134 | DOM | 3 | 10/16/1999 | 780 | 400.0 | 380.0 | 7.8 | 372.2 | 98 | 16.4 | 363.6 | 96 | 6683 | BMP | |
| RG-72765 | MARIE A DUPREE, | | | WYSS, A WALTER | | T17N R 9E S 5 5.19 AC TR B2C, | COUNTY PLAT | 408903 | 3954208 | 17N.09E.5.43 | DOM | 3 | 2/20/2001 | 1000 | 660.0 | 340.0 | 7.6 | 332.4 | 98 | 15.4 | 324.6 | 95 | 6918 | BMP | |
| RG-72864 | FRANK GALLEGOS, | | | GALLEGOS, FRANK & ELIZABETH | 16 VIA DE ESTRELLAS | T17N R8E S23 2.500 AC, TRACT 4B-4B1 | COUNTY PLAT | 403214 | 3949828 | 17N.08E.23.31 | DOM | 3 | 11/16/1999 | 600 | 396.0 | 204.0 | 9.6 | 194.4 | 95 | 18.3 | 185.7 | 91 | 6526 | BMP | |
| RG-72865 | ANDREW & LUCINDA LEYBA, | | | SISNEROS, DIEGO J & DORIN K | 6 CAMINO DE REY CIR | T17N R 8E S23 & 26 2.500 AC, TRACT 4C-3 | COUNTY PLAT | 403151 | 3949549 | 17N.08E.23.31 | DOM | 3 | 9/30/1999 | 800 | 244.0 | 556.0 | 5.3 | 550.7 | 99 | 11.2 | 544.8 | 98 | 6498 | BMP | |
| RG-72866 | RICHARD AND STEPHNIE PATTERSON, Leyba | | 600 | LEYBA, ANDREW M & LUCINDA M | 7 CAMINO DE REY CIR | T17N R 8E S23 & 26 2.5104 AC, LOT 2 | COUNTY PLAT | 403236 | 3949568 | 17N.08E.23.313 | DOM | 3 | 4/16/2001 | 600 | 33.0 | 567.0 | 5.3 | 561.7 | 99 | 11.2 | 555.8 | 98 | 6522 | BMP | |
| RG-73539 | ANTHONY MARK, | | | TRUJILLO, RICARDO & | 10 CAMINO LADERA | T17N R 9E S 5 2.523 AC, LOT 2-C-1 | COUNTY PLAT | 409409 | 3955317 | 17N.09E.5.224 | DOM | 3 | 10/7/2000 | 820 | 527.0 | 293.0 | 5.0 | 288.0 | 98 | 11.0 | 282.0 | 96 | 6846 | BMP | |
| RG-73694 | RICHARD ROGERS, | | | DIBACHI, FARZAD TRUSTEE | 33 CAMINO MONTUOSO | LOT 75 LA TIERRA PHASE 2, T18N R 9E S31 50.169 AC | COUNTY PLAT | 407630 | 3957111 | 18N.09E.31.221 | DOM | 3 | 6/28/2000 | 780 | 485.0 | 295.0 | 9.1 | 285.9 | 97 | 18.2 | 276.8 | 94 | 6694 | BMP | |
| RG-74635 | MARIA CRISTINA KENNEY, | | | KENNEY GRANDCHILDRENS | 50 CALLE ADELINA | T18N R 9E S30 21.056 AC, TR D | COUNTY PLAT | 406823 | 3958125 | 18N.09E.30.143 | DOM | 3 | 3/8/2003 | 780 | 452.0 | 328.0 | 13.5 | 314.5 | 96 | 25.8 | 302.2 | 92 | 6575 | BMP | |
| RG-74646 | MARTIN LUJAN, | | | KING BROTHERS RANCH | KING BROTHERS RANCH | T17N R8E S23 77.187 AC, TRACT 3 | COUNTY PLAT | 403118 | 3950329 | 17N.08E.23.131 | MUL | 3 | 9/2/2000 | 600 | 400.0 | 200.0 | 9.6 | 190.4 | 95 | 18.3 | 181.7 | 91 | 6519 | BMP | |
| RG-74740 | GLENN G ROYBAL, | | | MARES, ANTHONY & MERRILYN | 11 AVENIDA DE MERCEDES | T17N R8E S23 2.520 AC, TRACT A-3 | COUNTY PLAT | 403109 | 3949325 | 17N.08E.23.333 | | 0 | 9/26/2000 | 600 | 347.0 | 253.0 | 5.3 | 247.7 | 98 | 11.2 | 241.8 | 96 | 6486 | BMP | |
| RG-74741 | GLENN G ROYBAL, | | | COKER, ROBERT & BARBARA COHEN | 3 AVENIDA DE MERCEDES | T17N R8E S23 2.520 AC, TRACT A-1 | COUNTY PLAT | 403117 | 3949436 | 17N.08E.23.331 | | 0 | 9/21/2000 | 700 | 284.8 | 415.2 | 5.3 | 410.0 | 99 | 11.2 | 404.0 | 97 | 6502 | BMP | |
| RG-74811 | ELIZABETH GLASCOCK, | Frank Carter and Toquaiah Jackson | | CARTER, FRANK C & TOQUAIAH | 180 CHISHOLM TRL | LOT 50 LA TIERRA NUEVA, T17N R 8E S 2 14.846 AC | COUNTY PLAT | 403610 | 3955520 | 17N.08E.2.111 | DOM | 3 | 1/8/2001 | 860 | 427.0 | 433.0 | 81.4 | 351.6 | 81 | 102.9 | 330.1 | 76 | 6522 | BMP | |
| RG-74926 | DEBORAH K. ROMERO, Borrego | | Borrego | GONZALES, PATRICIO M & | 5 CALLE QUERIDO | LOT 19 RANCHO DE LOS NINOS SD, T17N R 8E S23 2.500 AC | COUNTY PLAT | 403984 | 3950389 | 17N.08E.23.232 | MUL | 3 | 12/8/2000 | 700 | 387.0 | 313.0 | 9.6 | 303.4 | 97 | 18.3 | 294.7 | 94 | 6566 | BMP | |
| RG-75059 | RONALD SCHNEIDER, | | | BOYD, BRIAN | 7 CAMINO MONTUOSO | LOT 18 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 407233 | 3957115 | 18N.09E.31.211 | DOM | 3 | 5/3/2001 | 820 | 572.0 | 248.0 | 16.8 | 231.2 | 93 | 29.8 | 218.2 | 88 | 6627 | BMP | |
| RG-75069 | KENDERDINE CONSTRUCTION | Seymour Grufferman and Sue Kimm | | | 14 Brahma Lane | Lot 57 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 404659 | 3954875 | | | 0 | 10/4/2001 | 735 | 500.0 | 235.0 | 36.2 | 198.8 | 85 | 53.6 | 181.4 | 77 | | BMP | |
| RG-75084 | RICHARD A. GALAZ, | | | GALAZ, RICHARD A & MICHELLE Y | 83 PASEO DE ESTRELLAS | LOT 7 RANCHO DE LOS NINOS SD, T17N R 8E S23 2.500 AC | COUNTY PLAT | 404179 | 3950298 | 17N.08E.23.232 | MUL | 3 | 12/4/2000 | 700 | 390.0 | 310.0 | 9.6 | 300.4 | 97 | 18.3 | 291.7 | 94 | 6536 | BMP | |
| RG-75096 | TERRANCE C FARLEY, | | | FARLEY, TERRANCE C & JOAN C | 23 VUELTA YUCCA | T18N R 9E S32 12.75 AC, LOT 81 LA TIERRA PHASE 3 | COUNTY PLAT | 408429 | 3955721 | 18N.09E.32.343 | DOM | 3 | 3/23/2001 | 780 | 520.0 | 260.0 | 9.2 | 250.8 | 96 | 18.0 | 242.0 | 93 | 6808 | BMP | |
| RG-75172 | RICHARD C STERTZ, | | | HUNTER, MICHAEL L & LORI A | 22 PASEO DEL VENADO | T17N R 9E S 9 5.010 AC, LOT 4 TR A | COUNTY PLAT | 409100 | 3953485 | 17N.09E.8.223 | MUL | 3 | 2/2/2001 | 820 | 609.0 | 211.0 | 4.4 | 206.6 | 98 | 9.7 | 201.3 | 95 | | BMP | |
| RG-75191 | GILDA GLASSCOCK WILSON, | | | | | | | 406586 | 3955145 | 17N.09E.6.132 | MUL | 3 | 2/13/2001 | 760 | 492.0 | 268.0 | 17.7 | 250.3 | 93 | 30.4 | 237.6 | 89 | 6620 | BMP | |

# Appendix B. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-75232 POD1 | SUSAN SEIFERT, | | | SKY LIMIT LLC | | T17N R 8E S23 4.780 AC, PARCEL B | COUNTY PLAT | 403565 | 3950078 | 17N.08E.23.143 | MUL | 3 | 9/30/2002 | 700 | 364.0 | 336.0 | 9.6 | 326.4 | 97 | 18.3 | 317.7 | 95 | | BMP | |
| RG-75233 POD1 | MICHAEL G MELLOS, APPR | | | MELLOS, MICHAEL G & CAROLYN O | 10 HACIENDA CT | LOT 22 LA VILLA ESCONDIDA, T17N R 8E S23 3.140 AC | COUNTY PLAT | 403798 | 3950154 | 17N.08E.23.144 | MUL | 3 | 5/8/2001 | 700 | 375.0 | 325.0 | 9.6 | 315.4 | 97 | 18.3 | 306.7 | 94 | | BMP | |
| RG-75234 POD1 | MELISSA PESSARRA, APPR | | | STANFORD, ANTHONY & LORRAINE | 6 HACIENDA CT | LOT 23 LA VILLA ESCONDIDA, T17N R 8E S23 3.090 AC | COUNTY PLAT | 403701 | 3950128 | 17N.08E.23.143 | MUL | 3 | 11/11/2001 | 700 | 381.0 | 319.0 | 9.6 | 309.4 | 97 | 18.3 | 300.7 | 94 | | BMP | |
| RG-75236 | CAJA DEL RIO, LLC, | | | BORREGO, ROBERT R & DEBORAH K | 2 CALLE CURIOSO | LOT 17 RANCHO DE LOS NINOS SD, T17N R 8E S23 2.500 AC | COUNTY PLAT | 404120 | 3950320 | 17N.08E.23.232 | | 0 | 3/10/2001 | 700 | 387.0 | 313.0 | 9.6 | 303.4 | 97 | 18.3 | 294.7 | 94 | 6536 | BMP | |
| RG-75454 POD1 | ALFRED LOPEZ, VALERIE LOPEZ | | | STANFORD, ANTHONY & LORRAINE | 6 HACIENDA CT | LOT 23 LA VILLA ESCONDIDA, T17N R 8E S23 3.090 AC | COUNTY PLAT | 403650 | 3950173 | 17N.09E.17.113 | MUL | 3 | 3/6/2001 | 700 | 378.0 | 322.0 | 9.6 | 312.4 | 97 | 18.3 | 303.7 | 94 | | BMP | |
| RG-75455 POD1 | GEORGE M COHEN, | | | BOB DIJANNI CUSTOM HOMES, INC | 11 CALLE HACIENDA | L0T 3 LA VILLA ESCONDIDA, T17N R 8E S23 3.370 AC | COUNTY PLAT | 403523 | 3950282 | 17N.09E.17.112 | MUL | 3 | 11/16/2001 | 700 | 391.0 | 309.0 | 9.6 | 299.4 | 97 | 18.3 | 290.7 | 94 | | BMP | |
| RG-75456 | SKYLIMIT LLC, | | Rancho de los Ninos | COHEN, GEORGE M & LINDA S | 38 CALLE HACIENDA | LOT 12 LA VILLA ESCONDIDA, T17N R 8E S23 2.750 AC | COUNTY PLAT | 403696 | 3950710 | 17N.09E.17.114 | | 0 | 7/18/2001 | 700 | 294.7 | 405.3 | 9.6 | 395.7 | 98 | 18.3 | 387.0 | 95 | 6564 | BMP | |
| RG-75553 | CHAD SNOW, | | | SNOW, CHAD & RENAE | 19 S VUELTA HERRADURA | T18N R 9E S32 14.49 AC, LOT 113 LA TIERRA PHASE 3 | COUNTY PLAT | 409031 | 3955722 | 18N.09E.32.434 | DOM | 3 | 4/25/2001 | 820 | 584.0 | 236.0 | 9.2 | 226.8 | 96 | 18.0 | 218.0 | 92 | 6907 | BMP | |
| RG-75566 | JAMES G. BATTERMANN, APPR | | | MONTOYA, MELISSA J | | T17N R 9E S 5 5.05 AC, TR B-4-C | COUNTY PLAT | 409003 | 3954713 | 17N.09E.5.412 | MUL | 3 | 3/8/2002 | 800 | 650.0 | 150.0 | 9.2 | 140.8 | 94 | 18.0 | 132.0 | 88 | 6863 | BMP | |
| RG-75570 | GLENN CONROY, | | | HACIENDA DEL CEREZO LTD | | T18N R 9E S19 & 18 23.086 AC, 9OT 3 | COUNTY PLAT | 407044 | 3960134 | 18N.09E.19.124 | DOM | 3 | 3/12/2001 | 760 | 422.0 | 338.0 | 10.2 | 327.8 | 97 | 21.1 | 316.9 | 94 | 6531 | BMP | |
| RG-75956 | MICHAEL W. & MARCIA YOUNG, | | | MEAD, WALTER L JR & EMILY C | 57 CALLE ADELINA | LOT B-3 45.458 AC, T18N R 9E S30 | COUNTY PLAT | 406616 | 3957728 | 18N.09E.30.314 | DOM | 3 | 7/17/2001 | 800 | 419.0 | 381.0 | 16.8 | 364.2 | 96 | 29.8 | 351.2 | 92 | 6572 | BMP | |
| RG-76065 | GREG STRATTON, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407992 | 3954926 | 17N.09E.5.133 | MUL | 3 | 8/3/2001 | 800 | 522.0 | 278.0 | 9.2 | 268.8 | 97 | 18.0 | 260.0 | 94 | 6761 | BMP | |
| RG-76305 | JOHN G HARRIS, | | | COIMBRA, CLIF & CHARAINE | 3 LAS KATRINAS RD | T17N R 9E S 5 2.510 AC, TRACT 1D LOT 1 | COUNTY PLAT | 409408 | 3954915 | 17N.09E.5.244 | DOM | 3 | 10/18/2001 | 880 | 352.0 | 528.0 | 5.0 | 523.0 | 99 | 11.0 | 517.0 | 98 | | BMP | |
| RG-76696 | DONALD L & BARBARA E SHIRES, | | | GALLEGOS, FRANK & ELIZABETH | 16 VIA DE ESTRELLAS | T17N R8E S23 & 26 5.993 AC, TRACT 4B-4B2 | COUNTY PLAT | 403313 | 3949727 | 17N.08E.23.314 | MUL | 3 | 11/20/2001 | 560 | 395.0 | 165.0 | 5.3 | 159.7 | 97 | 11.2 | 153.8 | 93 | 6519 | BMP | |
| RG-77195 | GERALD A. BECKER, | | | DIBACHI, FARZAD TRUSTEE | 33 CAMINO MONTUOSO | LOT 75 LA TIERRA PHASE 2, T18N R 9E S31 50.169 AC | COUNTY PLAT | 407630 | 3956911 | 18N.09E.31.223 | DOM | 3 | 7/12/2002 | 805 | 465.0 | 340.0 | 9.1 | 330.9 | 97 | 18.2 | 321.8 | 95 | 6756 | BMP | |
| RG-77258 | THERESA MARTINEZ, | | | | | | | 408250 | 3951460 | 17N.09E.17.134 | DOM | 3 | 5/15/2004 | 700 | 600.0 | 100.0 | 5.6 | 94.4 | 94 | 11.8 | 88.2 | 88 | | BMP | |
| RG-77426 | RICHARD B MCCURDY, | | | MCCURDY, RICHARD B TRUSTEE | 60 E ESTRADA CALABASA | LOT 57 LA TIERRA S/D PH 2, T18N R 9E S31 10.992 AC | COUNTY PLAT | 407825 | 3955729 | 18N.09E.31.444 | | 3 | 4/24/2002 | 800 | 508.0 | 292.0 | 9.2 | 282.8 | 97 | 18.0 | 274.0 | 94 | 6727 | BMP | |
| RG-77553 | CAROL METCHICK, | Robert Metchick | Shared Well 2 | | 11 Sundance Drive | Block 1/Lot 12, Sundance Estates | John Miles Smith, 6/19/08 email | 410418 | 3955100 | 17N.09E.4.231 | MUL | 3 | 5/10/2002 | 900 | 505.0 | 395.0 | 5.0 | 390.0 | 99 | 11.0 | 384.0 | 97 | 6972 | TR | |
| RG-77563 | MANANA LLC, | | | BRILLIANT, B KAY | 41 CAMINO HASTA MANANA | T17N R 9E S 5 2.530 AC, LOT 1-B, TRACT A, | COUNTY PLAT | 409408 | 3955115 | 17N.09E.5.242 | | 0 | 8/30/2002 | 800 | 380.0 | 420.0 | 5.0 | 415.0 | 99 | 11.0 | 409.0 | 97 | 6881 | BMP | |
| RG-77758 | LETITIA A KRAKOWSKI, | | | MOTT, JOHN B & LETITIA A | 24 VISTA CALABASAS | T17N R 9E S18 5.030 AC NW4, W/IN | COUNTY PLAT | 406675 | 3952247 | 17N.09E.18.121 | DOM | 3 | 3/7/2003 | 800 | 224.0 | 576.0 | 8.9 | 567.1 | 98 | 17.4 | 558.6 | 97 | | BMP | |
| RG-77820 | MARY LYNN OLIVER | William L. Oliver, Jr., and Mary Lynn Oliver | | OLIVER, WILLIAM L & MARY LYNN | 36 Headquarters Trail | LOT 17 LA TIERRA NUEVA, T17N R 8E S 1 11.0904 AC | COUNTY PLAT, 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405664 | 3954590 | | DOM | 3 | 2/14/2003 | 780 | 456.0 | 324.0 | 23.5 | 300.5 | 93 | 37.9 | 286.1 | 88 | | BMP | |
| RG-77912 | VICTOR BALLAS, | | | CONROY, GLENN C & JANE E | 166 CALLE JOSEPHINA | T18N R 9E S19 12.50 AC, TR B-1 | COUNTY PLAT | 407040 | 3959933 | 18N.09E.19.142 | | 0 | 10/16/2002 | 800 | 380.0 | 420.0 | 10.2 | 409.8 | 98 | 21.1 | 398.9 | 95 | 6542 | BMP | |
| RG-78027 | ADRIAN & KRISTIN GRIGGS, | Adrian Griggs and Kristin Martinez | | | 56 Goodnight Trail | Lot 10 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 406232 | 3954594 | 17N.08E.1.241 | DOM | 3 | 1/3/2003 | 720 | 492.0 | 228.0 | 13.5 | 214.5 | 94 | 24.4 | 203.6 | 89 | 6614 | BMP | |
| RG-78304 | MONTOYA GRANDCHILDREN'S TRUST, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 408192 | 3954926 | 17N.09E.5.134 | | 3 | 9/15/2004 | 840 | 448.0 | 392.0 | 9.2 | 382.8 | 98 | 18.0 | 374.0 | 95 | 6798 | BMP | |
| RG-78324 | PATRICIA JOHNSTON, | | | FRANK YARDMAN CONSTRUCTION | 110 PASEO DEL CONEJO | T17N R 9E S 5 2.50 AC, TR B-1-A LOT 3-B | COUNTY PLAT | 407976 | 3955044 | 17N.09E.5.133 | DOM | 3 | 9/20/2004 | 840 | 462.0 | 378.0 | 9.2 | 368.8 | 98 | 18.0 | 360.0 | 95 | 6761 | BMP | |
| RG-78325 | MONTOYA GRANDCHILDREN'S TRUST, | | | ROUNSVILLE, WILLIAM J | 28 CONEJO TRL | T17N R 9E S5 6.70 AC, LOT 2 | COUNTY PLAT | 408690 | 3955091 | 17N.09E.5.142 | | 3 | 12/30/2002 | 900 | 535.0 | 365.0 | 9.2 | 355.8 | 97 | 18.0 | 347.0 | 95 | | BMP | |
| RG-78339 | RUBEN ARCHULETA, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407982 | 3954124 | 17N.09E.5.333 | DOM | 3 | 1/8/2003 | 840 | 582.0 | 258.0 | 7.6 | 250.4 | 97 | 15.4 | 242.6 | 94 | 6818 | BMP | |
| RG-78343 | RUBEN ARCHULETA, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407982 | 3954124 | 17N.09E.5.333 | DOM | 3 | 9/13/2004 | 840 | 438.0 | 402.0 | 7.6 | 394.4 | 98 | 15.4 | 386.6 | 96 | 6818 | BMP | |
| RG-78347 | RICHARD A MONTOYA, | | | HUNTER, MICHAEL L & LORI A | 22 PASEO DEL VENADO | T17N R 9E S 9 5.010 AC, LOT 4 TR A | COUNTY PLAT | 409100 | 3953485 | 17N.09E.8.223 | | 3 | 11/29/2002 | 800 | 520.0 | 280.0 | 4.4 | 275.6 | 98 | 9.7 | 270.3 | 97 | | BMP | |
| RG-78348 | RUBEN ARCHULETA, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407982 | 3954124 | 17N.09E.5.333 | DOM | 3 | 10/11/2004 | 840 | 473.0 | 367.0 | 7.6 | 359.4 | 98 | 15.4 | 351.6 | 96 | 6818 | BMP | |
| RG-78354 | RUBEN ARCHULETA, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407982 | 3954124 | 17N.09E.5.333 | DOM | 3 | 12/30/2002 | 900 | 535.0 | 365.0 | 7.6 | 357.4 | 98 | 15.4 | 349.6 | 96 | 6818 | BMP | |
| RG-78355 | RUBEN ARCHULETA, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407982 | 3954124 | 17N.09E.5.333 | DOM | 3 | 9/24/2003 | 840 | 488.0 | 352.0 | 7.6 | 344.4 | 98 | 15.4 | 336.6 | 96 | 6818 | BMP | |
| RG-78415 | TIERRA ENTERPRISES LLC, | | | LARKIN, ROBERT J & BARBARA E | 12 INDIGO CT | LOT 8 LA VIDA S/D 3.044 AC, T17N R 9E S19 | COUNTY PLAT | 407433 | 3950236 | 17N.09E.19.214 | | 0 | 7/3/2003 | 663 | 486.0 | 177.0 | 5.6 | 171.4 | 97 | 11.8 | 165.2 | 93 | | BMP | |

# Appendix B. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-78419 | MICHAEL MAC CORQUODALE, | | | MOREAU, JOAN M | 19 W ESTRADA CALABASA | LOT 31 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 406399 | 3956121 | 18N.09E.31.313 | MUL | 3 | 6/20/2003 | 820 | 478.0 | 342.0 | 17.7 | 324.3 | 95 | 30.4 | 311.6 | 91 | 6692 | BMP | |
| RG-78879 | CAROLE D PULLO, | | | PULLO, CAROLE D | 6 PASEO DEL PALOMA | T17N R 9E S 5 2.590 AC, TRACT B-1-D, LOT 1, | COUNTY PLAT | 409038 | 3954118 | 17N.09E.5.433 | MUL | 3 | 7/15/2005 | 780 | 575.0 | 205.0 | 7.6 | 197.4 | 96 | 15.4 | 189.6 | 93 | 6888 | BMP | |
| RG-78889 | STEPHEN ETRE, | | | WILLIAMS, MARK R & ORLY V | 10 SIERRA LAVANDA | T17N R 9E S19 LOT 4-A-4 2.5AC, | COUNTY PLAT | 407027 | 3949809 | 17N.09E.19.322 | MUL | 3 | 1/10/2003 | 760 | 423.0 | 337.0 | 3.4 | 333.6 | 99 | 7.9 | 329.1 | 98 | | BMP | |
| RG-78962 | ROD HONSTEIN, | | | HONSTEIN, RODERICK N & ANNE W | 46 PASEO DEL PAISANO | T17N R 9E S 5 5.06 AC TR B2B, | COUNTY PLAT | 408925 | 3954349 | 17N.09E.5.431 | DOM | 3 | 4/5/2003 | 800 | 571.0 | 229.0 | 7.6 | 221.4 | 97 | 15.4 | 213.6 | 93 | 6871 | BMP | |
| RG-79460 | WALLACE WHITE JR, | | | CLIFTON, PERLA | 16 PASEO DEL VENADO | T17N R 8E S 8 5.040 AC, LOT 4 TR B | COUNTY PLAT | 409269 | 3953509 | | MUL | 3 | 3/20/2003 | 800 | 486.0 | 314.0 | 4.4 | 309.6 | 99 | 9.7 | 304.3 | 97 | | BMP | |
| RG-79509 | PAUL SCHMIDT, | | | | | Lot 41, La Tierra | | 406889 | 3954249 | 17N.09E.6.342 | | 0 | 4/8/2003 | 800 | 456.0 | 344.0 | 13.5 | 330.5 | 96 | 24.4 | 319.6 | 93 | 6745 | BMP | |
| RG-79511 | ELISE W SCHMIDT, | | | WHELESS, ELISE | 37 VUELTA TOMAS | LOT 46 LA TIERRA PHASE 2, T17N R 9E S 6 11.890 AC | COUNTY PLAT | 406517 | 3954287 | 17N.09E.6.331 | | 0 | 4/21/2003 | 800 | 442.0 | 358.0 | 13.5 | 344.5 | 96 | 24.4 | 333.6 | 93 | 6687 | BMP | |
| RG-79512 | ELISE W SCHMIDT, | | | SCHMIDT, ELISE WHELESS & PAUL | 20 VUELTA SABIO | LOT 48 LA TIERRA PHASE 2, T17N R 9E S 6 14.815 AC | COUNTY PLAT | 406749 | 3954427 | 17N.09E.6.312 | | 0 | 4/14/2003 | 800 | 462.0 | 338.0 | 13.5 | 324.5 | 96 | 24.4 | 313.6 | 93 | 6718 | BMP | |
| RG-79548 | CAROL A JOHNSON, | | | BALANCE POINT ENTERPRISES | 16 PASEO DEL CONEJO | T17N R 9E S 5, TR B-1-A2, 2.67 AC, | COUNTY PLAT | 408802 | 3954107 | 17N.09E.5.433 | | 3 | 2/21/2003 | 840 | 466.0 | 374.0 | 7.6 | 366.4 | 98 | 15.4 | 358.6 | 96 | 6888 | BMP | |
| RG-79574 | JAMES NICKELL, | | | STEWART TITLE GUARANTY CO | 2 ESCOPETA CT | T17N R 9E S19 2.511 AC, LOT H-2 | COUNTY PLAT | 407437 | 3950606 | 17N.09E.19.212 | MUL | 3 | 5/19/2003 | 660 | 474.0 | 186.0 | 5.6 | 180.4 | 97 | 11.8 | 174.2 | 94 | | BMP | |
| RG-79603 | CLINTON HORN, | | | WEATHERFORD, JANICE L & | 60 TIERRA GRANDE | T17N R 9E S19 2.450 AC, LOT 15 TIERRA GRANDE S/D | COUNTY PLAT | 406897 | 3949478 | 17N.09E.19.321 | MUL | 3 | 3/14/2003 | 665 | 460.0 | 205.0 | 3.4 | 201.6 | 98 | 7.9 | 197.1 | 96 | | BMP | |
| RG-80255 | JONATHAN BEAMER, | | | BEAMER, JONATHAN & FRAN SALKIN | | T17N R 9E S18 LOT 3-A 5.0 AC, | COUNTY PLAT | 406983 | 3951951 | 17N.09E.18.142 | DOM | 3 | 11/15/2004 | 800 | 455.0 | 345.0 | 8.9 | 336.1 | 97 | 17.4 | 327.6 | 95 | 6670 | BMP | |
| RG-80390 | ABBIE BEN CORRIZ, | | | CORRIZ, ABBIE BEN | 4654 SAN YSIDRO PL | T17N R 9E S32 2.50 AC, TR 8-A2 | COUNTY PLAT | 408153 | 3947295 | 17N.08E.23.144 | MUL | 3 | 7/14/2003 | 560 | 382.0 | 178.0 | 1.6 | 176.4 | 99 | 4.2 | 173.8 | 98 | 6539 | BMP | |
| RG-80431 | RON SMITH, | | | SUERTE DEL SUR, LLC | 160 LOS SUENOS TRL | T17N R 9E S19 35.00 AC, LOT 2 | COUNTY PLAT | 406629 | 3950214 | 17N.09E.19.132 | MUL | 3 | 7/17/2003 | 560 | 385.0 | 175.0 | 5.6 | 169.4 | 97 | 11.8 | 163.2 | 93 | | BMP | |
| RG-80940 | CYNTHIA FOWLER, | | | HOYT, SUZANNE & LINDA WEIL | 127 W ESTRADA CALABASA | T18N R 8E S36 1074.650 AC N2 &, PORT S2 RANCH & HEADQTRS, LIVESTOCK ON ACCT 970001777, | COUNTY PLAT | 405718 | 3956026 | | DOM | 3 | 10/30/2005 | 692 | 352.0 | 340.0 | 36.2 | 303.8 | 89 | 53.6 | 286.4 | 84 | 6581 | BMP | |
| RG-81036 | GRANT HOLLAND, | | | BALANCE POINT ENTERPRISES | 22 PASEO DEL CONEJO | T17N R 9E S 5, 2.50 AC, TR B-1-A1, | COUNTY PLAT | 408763 | 3954148 | 17N.09E.5.433 | MUL | 3 | 4/2/2004 | 905 | 575.0 | 330.0 | 7.6 | 322.4 | 98 | 15.4 | 314.6 | 95 | 6888 | BMP | |
| RG-81127 | CALLE ALEGRE, | | | | | | | 401299 | 3950384 | | MUL | 3 | 8/13/2004 | 700 | 245.0 | 455.0 | 9.9 | 445.1 | 98 | 19.0 | 436.0 | 96 | 6417 | BMP | |
| RG-81323 | TIERRA DE LA VIDA LLC, | | | TIERRA DE LA VIDA, LLC | 25 SENDERO DE LA VIDA | LOT 14 TIERRA DE LA VIDA, T17N R 9E S19 2.27 AC | COUNTY PLAT | 406990 | 3949876 | 17N.09E.19.322 | MUL | 3 | 6/12/2004 | 760 | 435.0 | 325.0 | 5.6 | 319.4 | 98 | 11.8 | 313.2 | 96 | | BMP | |
| RG-81771 | DEAN PRESTON, | | | WAGGONER, ALAN S & KAREN | 11 PASEO DEL HALCON | T17N R 9E S 5 5.01 AC LOT 1C, | COUNTY PLAT | 409208 | 3954304 | 17N.09E.5.441 | DOM | 3 | 4/16/2004 | 800 | 465.0 | 335.0 | 4.4 | 330.6 | 99 | 9.7 | 325.3 | 97 | 6926 | BMP | |
| RG-81838 | SUZANNE HOYT GARCIA REVOCABLE, | | | HOYT, SUZANNE & LINDA WEIL | 127 W ESTRADA CALABASA | T18N R 8E S36 1074.650 AC N2 &, PORT S2 RANCH & HEADQTRS, LIVESTOCK ON ACCT 970001777, | COUNTY PLAT | 405595 | 3956349 | 18N.08E.36.411 | STK | 3 | 10/8/2004 | 1100 | 550.0 | 550.0 | 31.5 | 518.5 | 94 | 49.4 | 500.6 | 91 | 6516 | BMP | |
| RG-81854 | SUZANNE H GARCIA IRREVOCABLE T, | | | | | | | 401428 | 3961018 | 18N.08E.16.424 | | 3 | 4/17/2004 | 910 | 724.0 | 186.0 | 35.6 | 150.4 | 81 | 55.7 | 130.3 | 70 | 6305 | BMP | |
| RG-81860 | SUZANNE HOYT GARCIA REVOCABLE, | | | HOYT, SUZANNE & LINDA WEIL | 127 W ESTRADA CALABASA | T18N R 8E S36 1074.650 AC N2 &, PORT S2 RANCH & HEADQTRS, LIVESTOCK ON ACCT 970001777, | COUNTY PLAT | 405416 | 3956671 | 18N.08E.36.134 | STK | 3 | 7/31/2004 | 695 | 398.9 | 296.1 | 31.5 | 264.6 | 89 | 49.4 | 246.7 | 83 | 6462 | BMP | |
| RG-81861 | SUZANNE HOYT GARCIA REVOCABLE, | | | HOYT, SUZANNE & LINDA WEIL | 127 W ESTRADA CALABASA | T18N R 8E S36 1074.650 AC N2 &, PORT S2 RANCH & HEADQTRS, LIVESTOCK ON ACCT 970001777, | COUNTY PLAT | 405388 | 3955950 | 18N.08E.36.342 | STK | 3 | 9/29/2004 | 850 | 460.0 | 390.0 | 36.2 | 353.8 | 91 | 53.6 | 336.4 | 86 | 6517 | BMP | |
| RG-82184 | JACQUES CONSTANT, | | New | EBERSOLE, GARY E & KATHY F | CAMINO LOS SUENOS | T17N R 9E S19 2.50 AC, LOT 2-2 NORTHWEST RANCHES S/D, PHASE 1, | COUNTY PLAT | 406339 | 3950675 | 17N.09E.19.321 | MUL | 3 | 5/14/2004 | 900 | 485.0 | 415.0 | 5.6 | 409.4 | 99 | 11.8 | 403.2 | 97 | 6690 | BMP | |
| RG-82337 | JIM MCELROY, | | | STERTZ, RICHARD C | 25 PASEO DEL CONEJO | T17N R 9E S 5 2.880 AC, TR B-2-D LOT 1 | COUNTY PLAT | 408740 | 3954194 | | DOM | 3 | 5/26/2004 | 840 | 432.0 | 408.0 | 7.6 | 400.4 | 98 | 15.4 | 392.6 | 96 | 6903 | BMP | |
| RG-82398 | HYDE PARK ASSOCIATES LLC, | | | LA VIDA DEVELOPMENT CORP | | T17N R 9E S19 3.573 AC, OPEN SPACE LA VIDA S/D | COUNTY PLAT | 407433 | 3950205 | 17N.09E.19.232 | MUL | 3 | 6/28/2004 | 660 | 486.0 | 174.0 | 5.6 | 168.4 | 97 | 11.8 | 162.2 | 93 | | BMP | |
| RG-82635 | FRANK YARDMAN, | | | MARK, ANTHONY | 8 CAMINO LADERA | T17N R 9E S 5 5.056 AC, LOT 2-D | COUNTY PLAT | 409457 | 3955356 | 17N.09E.5.224 | DOM | 3 | 10/8/2004 | 840 | 465.0 | 375.0 | 5.0 | 370.0 | 99 | 11.0 | 364.0 | 97 | 6846 | BMP | |
| RG-83022 | RICHARD BARELA, | | | STERTZ, RICHARD & GINNIE | 17 PASEO DEL VENADO | T17N R 9E S 8 5.00 AC, LOT 1 TR C | COUNTY PLAT | 409208 | 3953726 | | DOM | 3 | 6/29/2004 | 800 | 558.0 | 242.0 | 4.4 | 237.6 | 98 | 9.7 | 232.3 | 96 | | BMP | |
| RG-83025 | KALOKO LAND CORPORATION, | | | STERTZ, RICHARD C & MARTHA V | 10 VISTA DEL CIELO | LOT 11 LAS CORDILLERAS S/D, PHASE II 5.373 AC, T17N R 9E S 4 & 5, | COUNTY PLAT | 409408 | 3954509 | 17N.09E.5.424 | | 3 | 9/23/2005 | 860 | 569.0 | 291.0 | 4.4 | 286.6 | 98 | 9.7 | 281.3 | 97 | 6938 | TR/BMP | |
| RG-83026 | ERIC FREEMAN, | | | STERTZ, RICHARD C & MARTHA V | 10 VISTA DEL CIELO | LOT 11 LAS CORDILLERAS S/D, PHASE II 5.373 AC, T17N R 9E S 4 & 5, | COUNTY PLAT | 409408 | 3954509 | 17N.09E.5.424 | | 3 | 9/8/2005 | 860 | 447.0 | 413.0 | 4.4 | 408.6 | 99 | 9.7 | 403.3 | 98 | 6938 | TR/BMP | |

# Appendix B. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-83027 | KALOKO LAND CORPORATION, | | | FIRST NATIONAL BANK AS CUSTOD | 33 PASEO DEL FONDO | LOT 18 LAS CORDILLERAS S/D, PHASE II 3.597 AC, T17N R 9E S 4 & 5, | COUNTY PLAT | 409208 | 3954709 | 17N.09E.5.421 | | 3 | 9/16/2005 | 860 | 484.0 | 376.0 | 5.0 | 371.0 | 99 | 11.0 | 365.0 | 97 | 6912 | TR/BMP | |
| RG-83782 | PRADEEP SAFAYA, | | | HAPKA, CATHERINE M & | 79 HEADQUARTERS TRL | TOT 75 LA TIERRA NUEVA, T17N R 8E S 1 | COUNTY PLAT | 405381 | 3955135 | 17N.08E.1.142 | DOM | 3 | 2/10/2005 | 995 | 487.0 | 508.0 | 36.2 | 471.8 | 93 | 53.6 | 454.4 | 89 | 6641 | BMP | |
| RG-83907 | DARCY CRENSHAW, | | | COWLES, MACON | 6 CAMINO CIELO | T17N R 9E S18 2.50 AC, LOT 5-B | COUNTY PLAT | 406646 | 3951877 | 17N.09E.18.114 | DOM | 3 | 10/3/2005 | 680 | 476.0 | 204.0 | 8.9 | 195.1 | 96 | 17.4 | 186.6 | 91 | | BMP | |
| RG-83947 | PETER DEUBER, | | | | | | | 408777 | 3954335 | 17N.09E.5.431 | | 0 | 4/6/2005 | 840 | 467.0 | 373.0 | 7.6 | 365.4 | 98 | 15.4 | 357.6 | 96 | 6871 | BMP | |
| RG-83952 | DIANE BARELA, | | | BANDARI, HENRIK & KIRKORIAN, | 73 PASEO DEL CONEJO | T17N R 9E S 5 3.250 AC, TRACT B-2, LOT 1-B-2, | COUNTY PLAT | 408645 | 3954903 | | DOM | 3 | 11/5/2005 | 800 | 556.0 | 244.0 | 9.2 | 234.8 | 96 | 18.0 | 226.0 | 93 | 6800 | BMP | |
| RG-84125 | JOEL MCHORSE, | | | ARENA, DREW C & ELISE PINKOW | 44 SONRISA TRL | T17N R 9E S18 23.982 AC, TRACT B | COUNTY PLAT | 406830 | 3951348 | | | 3 | 12/2/2005 | 800 | 495.0 | 305.0 | 5.6 | 299.4 | 98 | 11.8 | 293.2 | 96 | 6722 | BMP | |
| RG-84708 | ROBERT ELLIG, | | | COYOTE CREEK CONSTRUCTION LLC | 114 PASEO DEL CONEJO | T17N R 9E S 5 2.50 AC, TR B-1-A LOT 3-A | COUNTY PLAT | 407992 | 3955126 | 17N.09E.5.131 | DOM | 3 | 7/31/2006 | 820 | 426.0 | 394.0 | 9.2 | 384.8 | 98 | 18.0 | 376.0 | 95 | 6757 | BMP | |
| RG-84781 | REGINA FLORES, | | | FLORES, RANDY & REGINA | 6 VIA DE ESTRELLAS | T17N R8E S23 2.500 AC, TRACT 4B-4A-2A | COUNTY PLAT | 403364 | 3949790 | 17N.08E.23.314 | DOM | 3 | 7/2/2005 | 580 | 375.0 | 205.0 | 5.3 | 199.7 | 97 | 11.2 | 193.8 | 95 | 6519 | BMP | |
| RG-85496 | RON WHITMORE, | | | MILLER, MARK C | 3 VUELTA LINDA | T18N R 9E S32 11.32 AC, LOT 107 LA TIERRA PHASE 3 | COUNTY PLAT | 408636 | 3956500 | 18N.09E.32.144 | DOM | 3 | 2/11/2006 | 800 | 439.0 | 361.0 | 9.1 | 351.9 | 97 | 18.2 | 342.8 | 95 | 6820 | BMP | |
| RG-85584 | LEESA KEY, | | | MONTOYA, RICHARD TRUSTEE OF | TANO RD | T17N R 9E S 5 5.05 AC, TR B-4-A | COUNTY PLAT | 408686 | 3954691 | 17N.09E.5.322 | DOM | 3 | 7/28/2005 | 840 | 477.0 | 363.0 | 9.2 | 353.8 | 97 | 18.0 | 345.0 | 95 | | BMP | |
| RG-85585 | EDWARD KIRKORIAN, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407982 | 3954124 | 17N.09E.5.333 | DOM | 3 | 7/22/2005 | 840 | 448.0 | 392.0 | 7.6 | 384.4 | 98 | 15.4 | 376.6 | 96 | 6818 | BMP | |
| RG-85662 | KAREN J POWELL, | | | GREENBERG, MARK & | 25 SONRISA TRL | LOT 2 SONRISA S/D 4.047 AC, T17N R 9E S18 | COUNTY PLAT | 406521 | 3951582 | 17N.09E.18. | | 3 | 1/27/2006 | 700 | 450.0 | 250.0 | 8.9 | 241.1 | 96 | 17.4 | 232.6 | 93 | 6647 | BMP | |
| RG-86289 | CHARLES UNFRIED, | | | TEMPLE, HUNTER M & PRISCILLA B | 21 VUELTA YUCCA | T18N R 9E S32 11.59 AC, LOT 80 LA TIERRA PHASE 3 | COUNTY PLAT | 408227 | 3955725 | 18N.09E.32.334 | DOM | 3 | 2/4/2006 | 780 | 488.0 | 292.0 | 9.2 | 282.8 | 97 | 18.0 | 274.0 | 94 | 6796 | BMP | |
| RG-86789 | ANTHONY PADILLA, | | | BRILLIANT, B KAY | 41 CAMINO HASTA MANANA | T17N R 9E S 5 2.530 AC, LOT 1-B, TRACT A, | COUNTY PLAT | 409408 | 3955115 | 17N.09E.5.242 | DOM | 3 | 5/5/2006 | 800 | 517.0 | 283.0 | 5.0 | 278.0 | 98 | 11.0 | 272.0 | 96 | | BMP | |
| RG-87173 | VINCENT STENERSON, | | | STENERSON, VINCENT & | 40 CALLE JOSEPHINA | T18N R 9E S30 14.151 AC, LOT 2-C | COUNTY PLAT | 407225 | 3958321 | 18N.09E.30.231 | DOM | 3 | 3/29/2007 | 750 | 395.0 | 355.0 | 13.5 | 341.5 | 96 | 25.8 | 329.2 | 93 | | BMP | |
| RG-87265 | FARZAD DIBACHI, | | | | | | | 407620 | 3956553 | 18N.09E.31.243 | MUL | 3 | 5/26/2006 | 800 | 532.0 | 268.0 | 9.1 | 258.9 | 97 | 18.2 | 249.8 | 93 | | BMP | |
| RG-87519 | LANA PARK, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 408293 | 3954725 | 17N.09E.5.221 | DOM | 1 | 12/23/2007 | 780 | 406.0 | 374.0 | 9.2 | 364.8 | 98 | 18.0 | 356.0 | 95 | | BMP | |
| RG-87734 | THOMAS GONZALES, | | | KING BROTHERS RANCH | 34 PASEO DE ESTRELLAS | T17N R 8E S23 13.287 AC, TRACT 5-1A | COUNTY PLAT | 403515 | 3949722 | 17N.08E.23.323 | | 0 | 6/20/2006 | 600 | 327.0 | 273.0 | 5.3 | 267.7 | 98 | 11.2 | 261.8 | 96 | | BMP | |
| RG-88268 | THOMAS WEHNER, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 408187 | 3954525 | 17N.09E.5.314 | DOM | 3 | 1/18/2007 | 840 | 505.0 | 335.0 | 7.6 | 327.4 | 98 | 15.4 | 319.6 | 95 | | BMP | |
| RG-88666 | RAMON L ROMERO, | | | KING BROTHERS RANCH | KING BROTHERS RANCH | T17N R8E S23 77.187 AC, TRACT 3 | COUNTY PLAT | 403114 | 3950177 | 17N.08E.23. | DOM | 1 | 4/9/2007 | 800 | 362.0 | 438.0 | 9.6 | 428.4 | 98 | 18.3 | 419.7 | 96 | | BMP | |
| RG-88950 POD1 | JOSEPH D ALBILLAR, | | | BRANCH, DENNIS R | | T17N R 9E S18 17.400 AC TR D4, NW4 | COUNTY PLAT | 406850 | 3952374 | 17N.09E.18. | DOM | 1 | 4/11/2007 | 700 | 375.0 | 325.0 | 8.9 | 316.1 | 97 | 17.4 | 307.6 | 95 | | BMP | |
| RG-89138 POD1 | MARK SPAULDING, | | | SPAULDING, MARK R | 40 CALLE JOSEPHINA | T18N R 9E S30 15.103 AC, LOT 2-B | COUNTY PLAT | 407121 | 3958483 | 18N.09E.30.124 | DOM | 1 | 5/25/2007 | 800 | 368.0 | 432.0 | 13.5 | 418.5 | 97 | 25.8 | 406.2 | 94 | | BMP | |
| RG-89212 POD1 | DAVID ROBB, | William H. Moore | | MOORE, WILLIAM H & DOROTHY B | 178 CHISHOLM TRL | LOT 52 LA TIERRA NUEVA S/D, T17N R08E S2 17.936 AC | COUNTY PLAT | 403225 | 3955515 | 17N.08E.2.113 | DOM | 1 | 9/5/1983 | 700 | 580.0 | 120.0 | 81.4 | 38.6 | 32 | 102.9 | 17.1 | 14 | | BMP | |
| RG-89456 | MARK GAYER, | | | WERNER, JOHN C | 4 PASEO DEL HALCON | T17N R 9E S 5, LOT 2A-1 | COUNTY PLAT | 409164 | 3954110 | 17N.09E.5. | DOM | 1 | 9/6/2007 | 800 | 569.0 | 231.0 | 4.4 | 226.6 | 98 | 9.7 | 221.3 | 96 | | BMP | |
| | J.A. Ortiz, | | | | | | | 401971 | 3962996 | 18N.08E.10.143 | | | 1961 | 560 | 524.0 | 36.0 | 17.5 | 18.5 | 51 | 31.9 | 4.1 | 11 | 6370 | BMP | M-18 |
| | Eric Sloane, | | | | | | | 406835 | 3956782 | 18N.09E.31.141 | | | 1976 | 634 | 491.0 | 143.0 | 16.8 | 126.2 | 88 | 29.8 | 113.2 | 79 | 6680 | BMP | M-24 |
| | David A. Ater, | | | PROTHRO, CHARLES V | 24 VUELTA SUSANA | LOT 24 LA TIERRA PHASE 1, T18N R 9E S31, 13.634 AC, | COUNTY PLAT | 406515 | 3956726 | 18N.09E.31.131 | | | 1976 | 727 | 557.0 | 170.0 | 16.8 | 153.2 | 90 | 29.8 | 140.2 | 82 | 6725 | BMP | M-23 |
| | Milo Earhard, | | | BOGLE, GLENN G & SUSAN R | 218 PASEO DE LA TIERRA | LOT 16 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 406931 | 3956586 | 18N.09E.31.143 | | | 1976 | 673 | 497.0 | 176.0 | 16.8 | 159.2 | 90 | 29.8 | 146.2 | 83 | 6680 | BMP | M-26 |
| | Norman L. Ringhand, | | | BOGLE, GLENN G & SUSAN R | 218 PASEO DE LA TIERRA | LOT 16 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 407046 | 3956731 | 18N.09E.31.142 | | | 1975 | 804 | 460.0 | 344.0 | 16.8 | 327.2 | 95 | 29.8 | 314.2 | 91 | 6660 | BMP | M-25 |
| | Western Cattle Co., | | | NEWCOMER, PHYLLIS L | 79 CHISHOLM TRL | LOT 33 LA TIERRA NUEVA S/D, T17N R 8E S 2, 10.794 AC, | COUNTY PLAT | 404379 | 3954619 | 17N.08E.2.423 | | | 1970 | 1000 | 574.0 | 426.0 | 23.5 | 402.5 | 94 | 37.9 | 388.1 | 91 | 6640 | BMP | M-2 |
| | Nuclear Dynamics, Inc., | | | | | | | 399180 | 3960054 | 18N.08E.20.231 | | | 1970 | 990 | 193.0 | 797.0 | 77.9 | 719.1 | 90 | 97.9 | 699.1 | 88 | 6065 | BMP | M-19 |
| | Nuclear Dynamics, Inc., | | | | | | | 397818 | 3962287 | 18N.08E.7.434 | | | 1970 | 1000 | 65.0 | 935.0 | 43.5 | 891.5 | 95 | 61.5 | 873.5 | 93 | 5875 | BMP | M-17 |
| | Nuclear Dynamics, Inc., | | | | | | | 401791 | 3956065 | 18N.08E.34.332 | | | 1970 | 1985 | 380.0 | 1605.0 | 62.4 | 1542.6 | 96 | 85.1 | 1519.9 | 95 | 6320 | BMP | M-21 |
| | Western Cattle Co., | Edward L. and Donna W. Klopfer | | KLOPFER, EDWARD L & DONNA L | 40 W ESTRADA CALABASA | T18N R 8E S36 & T17N R 8E S 1, 60.04 AC | COUNTY PLAT | 405847 | 3955481 | 17N.08E.1.212 | | | - | 1500 | 395.0 | 1105.0 | 36.2 | 1068.8 | 97 | 53.6 | 1051.4 | 95 | 6543 | BMP | M-1 |
| | Nuclear Dynamics, Inc., | | | | | | | 403103 | 3952509 | 17N.08E.11.333 | | | 1970 | 1000 | 130.0 | 870.0 | 18.3 | 851.7 | 98 | 30.9 | 839.1 | 96 | 6445 | BMP | M-3 |
| | Summer A. Weld, | | | CRAWFORD, JOHN F & BETTY | 28 ARROYO CALABASAS RD | 617N R 9E S18 5.00 AC TR A, | COUNTY PLAT | 407591 | 3952262 | 17N.09E.18.221 | | | 1975 | 588 | 543.0 | 45.0 | 5.6 | 39.4 | 88 | 11.8 | 33.2 | 74 | 6785 | BMP | M-15 |
| | Nuclear Dynamics, Inc., | | | | | | | 401541 | 3949586 | 17N.08E.22.331 | | | 1970 | 1000 | 212.0 | 788.0 | 5.4 | 782.6 | 99 | 11.7 | 776.3 | 99 | 6440 | BMP | M-4 |
| | Nuclear Dynamics, Inc., | | | | | | | 396671 | 3964509 | 18N.07E.1.422 | | | 1970 | 1000 | 0.0 | 1000.0 | 64.5 | 935.5 | 94 | 75.4 | 924.6 | 92 | 5680 | BMP | M-16 |
| | | | | | | | | 395610 | 3965942 | | | | 1939 | 191 | 0.0 | 191.0 | 67.8 | 123.2 | 65 | 73.3 | 117.7 | 62 | 5555 | BMP | M-27 |

# Appendix C.

## Ten- and 40-year water column projections for Buckman Monitoring Program database wells due to forecasted pumping (Scenario 2, model Layer 2)

# Appendix C. Ten- and 40-year water column projections for Buckman Monitoring Program wells due to forecasted pumping (Scenario 2, model layer 2)

| NMOSE ID | other ID (NMBGMR/USGS, if any) | name | X, m, UTM83 | Y, m, UTM83 | location ref | total depth, ft | starting water level date | starting non-pumping water level, ft bgl | recent water level date | recent non-pumping water level, ft bgl | observed water level change (+ rise / - decline), ft | 2003-2014 model-simulated water-level change (+ rise / - decline), ft | starting water column, ft | model-simulated 10-yr drawdown, ft | water column after 10 years, ft | percent water column remaining after 10 yrs | model-simulated 40-yr drawdown, ft | water column after 40 yrs, ft | percent water column remaining after 40 yrs | comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | EB269/355000106092802 | SF-2B | 395,390 | 3,966,086 | NMBGMR | 824 | 1/14/03 | 411.94 | 7/24/14 | 39.80 | 372.1 | 115.3 | 784 | 65.9 | 718.3 | 92 | 69.1 | 715.1 | 91 | |
| | EB270/355000106092803 | SF-2C | 395,376 | 3,966,092 | NMBGMR | 346 | 1/14/03 | 233.84 | 7/24/14 | 55.20 | 178.6 | 115.3 | 291 | 65.9 | 224.9 | 77 | 69.1 | 221.7 | 76 | |
| | EB265/355002106093701 | SF-3A | 395,131 | 3,966,203 | NMBGMR | 294 | 1/14/03 | 185.73 | 7/24/14 | 7.27 | 178.5 | 115.3 | 287 | 65.9 | 220.8 | 77 | 69.1 | 217.7 | 76 | |
| | EB266/355002106093702 | SF-3B | 395,137 | 3,966,202 | NMBGMR | 169 | 1/14/03 | 17.99 | 7/24/14 | 6.83 | 11.2 | 115.3 | 162 | 65.9 | 96.3 | 59 | 69.1 | 93.1 | 57 | |
| | EB267/355002106093703 | SF-3C | 395,127 | 3,966,201 | NMBGMR | 60 | 1/14/03 | 17.39 | 7/24/14 | 14.16 | 3.2 | 115.3 | 46 | 65.9 | -20.0 | **-44** | 69.1 | -23.2 | **-51** | |
| | EB262/355003106094301 | SF-4A | 395,004 | 3,966,182 | NMBGMR | 280 | 1/14/03 | 155.30 | 7/24/14 | 0.90 | 154.4 | 115.3 | 279 | 65.9 | 213.2 | 76 | 69.1 | 210.0 | 75 | |
| | EB263/355003106094302 | SF-4B | 395,004 | 3,966,182 | NMBGMR | 130 | 1/14/03 | 5.74 | 7/24/14 | 3.37 | 2.4 | 115.3 | 127 | 65.9 | 60.7 | 48 | 69.1 | 57.6 | 45 | |
| | EB264/355003106094303 | SF-4C | 395,004 | 3,966,182 | NMBGMR | 60 | 1/14/03 | 12.78 | 7/24/14 | 9.75 | 3.0 | 115.3 | 50 | 65.9 | -15.6 | **-31** | 69.1 | -18.8 | **-37** | |
| | EB261/355006106094803 | SF-5C | 394,928 | 3,966,358 | NMBGMR | 69 | 1/14/03 | 5.95 | 7/24/14 | 3.75 | 2.2 | 115.3 | 65 | 65.9 | -0.6 | **-1** | 69.1 | -3.8 | **-6** | |
| | EB298/354731106072001 | Buckman Deep Piez. (SF-6A) | 398,587 | 3,961,476 | NMBGMR | 2,440 | 10/24/03 | 59.90 | 7/24/14 | 163.83 | -103.9 | 10.6 | 2,276 | 19.3 | 2,256.8 | 99 | 26.3 | 2,249.8 | 99 | |
| | EB299/354731106072002 | Buckman Middle Piez. (SF-6B) | 398,587 | 3,961,476 | NMBGMR | 1,340 | 10/24/03 | 164.83 | 7/24/14 | 197.84 | -33.0 | 10.6 | 1,142 | 19.3 | 1,122.8 | 98 | 26.3 | 1,115.8 | 98 | |
| | EB300/354731106072003 | Buckman Shallow Piez. (SF-6C) | 398,587 | 3,961,476 | NMBGMR | 480 | 10/24/03 | 186.56 | 7/24/14 | 198.84 | -12.3 | 10.6 | 281 | 19.3 | 261.8 | 93 | 26.3 | 254.8 | 91 | |
| | EB608/354228106044901 | Las Campanas Deep Piez. | 402,225 | 3,952,079 | NMBGMR | 1,990 | 7/6/05 | 216.53 | 7/24/14 | 216.32 | 0.2 | -1.5 | 1,774 | 4.6 | 1,769.1 | 100 | 8.4 | 1,765.3 | 100 | |
| | EB609/354228106044902 | Las Campanas Middle Piez. | 402,225 | 3,952,079 | NMBGMR | 1,320 | 7/6/05 | 262.92 | 7/24/14 | 251.71 | 11.2 | -1.5 | 1,068 | 4.6 | 1,063.7 | 100 | 8.4 | 1,059.9 | 99 | |
| | EB610/354228106044903 | Las Campanas Shallow Piez. | 402,225 | 3,952,079 | NMBGMR | 450 | 7/6/05 | 278.70 | 7/24/14 | 280.09 | -1.4 | -1.5 | 170 | 4.6 | 165.3 | 97 | 8.4 | 161.5 | 95 | |
| RG-20516-S-5 | EB478 | Buckman 1 | 395,333 | 3,966,270 | NMBGMR | 1,093 | 1/31/03 | 632.1 | 9/30/14 | 234.78 | 397.3 | 115.3 | 858 | 65.9 | 792.3 | 92 | 69.1 | 789.1 | 92 | |
| RG-20516-S-6 | EB479 | Buckman 2 | 395,525 | 3,965,621 | NMBGMR | 1,473 | 1/31/03 | 483.65 | 9/30/14 | 93.26 | 390.4 | 99.2 | 1,380 | 74.0 | 1,305.7 | 95 | 78.8 | 1,300.9 | 94 | |
| RG-20516-S | EB480 | Buckman 3 | 396,172 | 3,965,366 | NMBGMR | 1,490 | 1/31/03 | 642.25 | 9/30/14 | 177.94 | 464.3 | 99.2 | 1,312 | 74.0 | 1,238.0 | 94 | 78.8 | 1,233.2 | 94 | |
| RG-20516-S-2 | EB481 | Buckman 4 | 396,164 | 3,964,658 | NMBGMR | 1,182 | 1/31/03 | 678.39 | 9/30/14 | 117.20 | 561.2 | 99.2 | 1,065 | 74.0 | 990.8 | 93 | 78.8 | 986.0 | 93 | |
| RG-20516-S-3 | EB482 | Buckman 5 | 396,210 | 3,964,020 | NMBGMR | 1,154 | 1/31/03 | 652.98 | 9/30/14 | 187.78 | 465.2 | 42.1 | 966 | 43.4 | 922.8 | 96 | 50.1 | 916.2 | 95 | |
| RG-20516-S-4 | EB483 | Buckman 6 | 396,748 | 3,965,176 | NMBGMR | 1,410 | 1/31/03 | 669.15 | 9/30/14 | 177.20 | 492.0 | 79.3 | 1,233 | 59.7 | 1,173.1 | 95 | 65.6 | 1,167.2 | 95 | |
| RG-20516-S-7 | EB484 | Buckman 7 | 395,955 | 3,966,140 | NMBGMR | 1,409 | 1/31/03 | 758.42 | 9/30/14 | 234.05 | 524.4 | 115.3 | 1,175 | 65.9 | 1,109.1 | 94 | 69.1 | 1,105.9 | 94 | |
| RG-20516-S-8 | EB485 | Buckman 8 | 394,780 | 3,966,031 | NMBGMR | 910 | 1/31/03 | 488.33 | 9/30/14 | 49.43 | 438.9 | 115.3 | 861 | 65.9 | 794.7 | 92 | 69.1 | 791.5 | 92 | |
| RG-20516-S-9 | EB486 | Buckman 9 | 396,848 | 3,965,659 | NMBGMR | 1,320 | 11/30/03 | 669.50 | 9/30/14 | 228.70 | 440.8 | 79.3 | 1,091 | 59.7 | 1,031.6 | 95 | 65.6 | 1,025.7 | 94 | |
| RG-20516-S-10 | EB487 | Buckman 10 | 399,250 | 3,959,720 | NMBGMR | 1,980 | 9/23/03 | 331.90 | 9/30/14 | 339.40 | -7.5 | 3.9 | 1,641 | 20.9 | 1,619.7 | 99 | 27.8 | 1,612.8 | 98 | |
| RG-20516-S-11 | EB488 | Buckman 11 | 400,130 | 3,957,460 | NMBGMR | 1,900 | 7/24/03 | 271.10 | 9/30/14 | 398.85 | -127.8 | -3.6 | 1,501 | 18.8 | 1,482.3 | 99 | 24.9 | 1,476.3 | 98 | |
| RG-20516-S-12 | EB489 | Buckman 12 | 401,300 | 3,956,280 | NMBGMR | 1,900 | 7/24/03 | 239.10 | 9/30/14 | 399.85 | -160.8 | -4.4 | 1,500 | 19.1 | 1,481.0 | 99 | 24.8 | 1,475.3 | 98 | |
| RG-20516-S-13 | EB490 | Buckman 13 | 402,980 | 3,955,400 | NMBGMR | 1,980 | 7/23/03 | 296.40 | 9/30/14 | 315.32 | -18.9 | -3.6 | 1,665 | 16.0 | 1,648.7 | 99 | 20.8 | 1,643.8 | 99 | |
| RG-21318 | EB288 | Skillet | 397,330 | 3,966,980 | NMBGMR | 1,700 | 1/31/03 | 219.00 | 9/30/14 | 200.30 | 18.7 | 57.5 | 1,500 | 38.2 | 1,461.5 | 97 | 42.5 | 1,457.2 | 97 | |
| RG-439 | EB157 | Weil Corral, Artesian | 396,449 | 3,965,653 | NMBGMR | 325 | 1/31/03 | 264.00 | 9/30/14 | 171.55 | 92.5 | 79.3 | 153 | 59.7 | 93.8 | 61 | 65.6 | 87.9 | 57 | |
| RG-16681 | EB163 | Permit | 403,322 | 3,964,577 | NMBGMR | 745 | 9/30/03 | 695.10 | 9/30/14 | 697.85 | -2.8 | 1.9 | 47 | 5.2 | 42.0 | 89 | 10.0 | 37.1 | 79 | |
| RG-6386 | EB160 | Tony's Windmill | 405,066 | 3,959,311 | NMBGMR | 350 | 6/6/05 | 291.89 | 7/17/14 | 293.92 | -2.0 | -1.5 | 56 | 6.2 | 49.9 | 89 | 11.4 | 44.7 | 80 | |
| RG-29524 | EB085 | Las Dos 1 | 407,663 | 3,958,060 | NMBGMR | 773 | 5/11/05 | 396.66 | - | - | - | -0.7 | 376 | 2.3 | 374.0 | 99 | 5.4 | 371.0 | 99 | |
| RG-25463 | EB287 | Pinon-Bogle | 407,017 | 3,956,720 | NMBGMR | 841 | 5/26/04 | 467.52 | 7/3/14 | 471.17 | -3.7 | -1.3 | 370 | 4.4 | 365.5 | 99 | 8.4 | 361.5 | 98 | |
| RG-438 | EB251 | Midway Windmill | 399,191 | 3,961,850 | NMBGMR | 310 | 4/7/05 | 254.96 | 8/7/14 | 267.30 | -12.3 | 10.6 | 43 | 19.3 | 23.4 | 55 | 26.3 | 16.4 | 38 | table 30-A |
| RG-29723 | EB645 | USFS Well | 398,694 | 3,954,689 | NMBGMR | 693 | 3/13/04 | 664.10 | 7/17/14 | 671.43 | -7.3 | -2.0 | 22 | 8.6 | 13.0 | 60 | 14.3 | 7.3 | 34 | table 30-A |
| RG-30777 | EB064 | Bernstein | 403,595 | 3,955,119 | NMBGMR | 663 | 3/13/04 | 540.02 | 7/3/14 | 543.13 | -3.1 | -3.6 | 120 | 16.0 | 103.9 | 87 | 20.8 | 99.0 | 83 | |
| RG-28112 | | Schmidt | 406,645 | 3,954,327 | BMP database verified | 701 | 1/21/09 | 548.31 | 7/17/14 | 550.00 | -1.7 | -1.1 | 151 | 3.4 | 147.6 | 98 | 6.6 | 144.4 | 96 | |
| RG-79512 | | Schmidt 2 | 406,749 | 3,954,427 | BMP database verified | 800 | 1/21/09 | 499.63 | 7/17/14 | 501.39 | -1.8 | -1.1 | 299 | 3.4 | 295.2 | 99 | 6.6 | 292.0 | 98 | |
| RG-24584 | EB121 | Headquarters, Daniels | 405,692 | 3,955,377 | NMBGMR | 602 | 7/23/03 | 424.95 | - | - | - | -2.2 | 177 | 8.1 | 168.9 | 95 | 12.6 | 164.5 | 93 | |
| RG-81860 | | Santa Fe Ranch, Barn Well | 405,416 | 3,956,671 | BMP database verified | 695 | 7/2/13 | 370.66 | 7/17/14 | 370.54 | 0.1 | -2.0 | 324 | 7.5 | 316.9 | 98 | 12.5 | 312.0 | 96 | |
| RG-93871 | | La Tierra Deep Monitoring Well | 406,436 | 3,955,825 | BMP database verified | 1,200 | 5/8/13 | 373.24 | 7/1/14 | 373.76 | -0.5 | -1.3 | 826 | 4.4 | 821.8 | 99 | 8.1 | 818.2 | 99 | |
| RG-37078 | | Betts/Weil | 405,591 | 3,954,061 | BMP database verified | 755 | well record | 580 | - | - | - | -1.7 | 175 | 5.6 | 169.4 | 97 | 9.5 | 165.5 | 95 | table 30-B |
| RG-37113 | | E. Eugene | 405,476 | 3,954,840 | BMP database | 700 | well record | 527 | - | - | - | -2.2 | 173 | 8.1 | 164.9 | 95 | 12.6 | 160.4 | 93 | table 30-B |
| RG-437 | EB158 | Suzanne Garcia, Dead Dog Windm | 400,343 | 3,956,715 | NMBGMR | 700 | 3/17/06 | 407.68 | - | - | - | -3.6 | 292 | 18.8 | 273.5 | 94 | 24.9 | 267.4 | 91 | table 30-B |
| RG-48491 | | Glascock, Lang | 403,827 | 3,955,337 | BMP database verified | 730 | well record | 530 | - | - | - | -3.6 | 200 | 16.0 | 184.0 | 92 | 20.8 | 179.2 | 90 | table 30-B |
| RG-54066 | | Karp | 403,672 | 3,954,737 | BMP database verified | 760 | well record | 540 | - | - | - | -3.6 | 220 | 16.0 | 204.0 | 93 | 20.8 | 199.2 | 91 | table 30-B |
| RG-54262 | | Whitney, Grasso | 403,699 | 3,954,577 | BMP database verified | 755 | well record | 535 | - | - | - | -2.3 | 220 | 8.2 | 211.8 | 96 | 12.6 | 207.4 | 94 | table 30-B |
| RG-55734 | | Mitchel/Norton | 403,477 | 3,954,854 | BMP database verified | 740 | well record | 500 | - | - | - | -3.6 | 240 | 16.0 | 224.0 | 93 | 20.8 | 219.2 | 91 | table 30-B |
| RG-56282 | | Walbridge, Berlanti | 405,170 | 3,955,316 | BMP database verified | 700 | well record | 520 | - | - | - | -2.2 | 180 | 8.1 | 171.9 | 95 | 12.6 | 167.4 | 93 | table 30-B |
| RG-59973 | | Sklar | 404,788 | 3,955,019 | BMP database verified | 750 | well record | 540 | - | - | - | -2.2 | 210 | 8.1 | 201.9 | 96 | 12.6 | 197.4 | 94 | table 30-B |
| RG-60104 | | Clements, Rand | 405,218 | 3,955,382 | BMP database verified | 760 | well record | 580 | - | - | - | -2.2 | 180 | 8.1 | 171.9 | 95 | 12.6 | 167.4 | 93 | table 30-B |
| RG-60404 | | Smith | 404,936 | 3,954,130 | BMP database verified | 760 | well record | 580 | - | - | - | -1.7 | 180 | 5.6 | 174.4 | 97 | 9.5 | 170.5 | 95 | table 30-B |
| RG-6128 | | Lillian Walker | 402,245 | 3,962,216 | BMP database | 700 | well record | 525 | - | - | - | 1.7 | 175 | 9.5 | 165.5 | 95 | 15.9 | 159.1 | 91 | table 30-B |
| RG-64419 | | Swanson, Stack | 404,293 | 3,954,920 | BMP database verified | 740 | well record | 500 | - | - | - | -2.2 | 240 | 8.1 | 231.9 | 97 | 12.6 | 227.4 | 95 | table 30-B |
| RG-65566 | | Newcomer | 404,331 | 3,955,009 | BMP database verified | 765 | well record | 542 | - | - | - | -2.2 | 223 | 8.1 | 214.9 | 96 | 12.6 | 210.4 | 94 | table 30-B |
| RG-69782 | | Wolford | 404,106 | 3,955,085 | BMP database verified | 785 | well record | 572 | - | - | - | -3.6 | 213 | 16.0 | 197.0 | 92 | 20.8 | 192.2 | 90 | table 30-B |
| RG-65584 | | Harrison | 403,243 | 3,955,504 | BMP database verified | 755 | well record | 535 | - | - | - | -3.6 | 220 | 16.0 | 204.0 | 93 | 20.8 | 199.2 | 91 | table 30-B |
| RG-71728 | | Buchanan | 403,821 | 3,954,959 | BMP database verified | 750 | well record | 485 | - | - | - | -3.6 | 265 | 16.0 | 249.0 | 94 | 20.8 | 244.2 | 92 | table 30-B |
| RG-75069 | | Kenerdine Constr., Grufferman | 404,659 | 3,954,875 | BMP database verified | 735 | well record | 500 | - | - | - | -2.2 | 235 | 8.1 | 226.9 | 97 | 12.6 | 222.4 | 95 | table 30-B |
| RG-61944 | | Ritter | 406,049 | 3,953,948 | BMP database verified | 710 | well record | 585 | - | - | - | -1.1 | 125 | 3.4 | 121.6 | 97 | 6.6 | 118.4 | 95 | table 30-B |
| RG-54395 | | Berger, Babitt | 406,245 | 3,954,574 | BMP database verified | 740 | well record | 580 | - | - | - | -1.1 | 160 | 3.4 | 156.6 | 98 | 6.6 | 153.4 | 96 | table 30-B |
| RG-55206 | | La Luz/Ortiz | 402,036 | 3,961,412 | BMP database | 655 | well record | 580 | - | - | - | 1.7 | 75 | 9.5 | 65.5 | 87 | 15.9 | 59.1 | 79 | table 30-A |
| RG-23806 | | Eliot Streeper | 409,115 | 3,947,381 | NMWRRS | 216 | well record | 163 | - | - | - | -0.2 | 53 | 0.4 | 52.6 | 99 | 1.1 | 51.9 | 98 | table 30-A |
| RG-7248 | EB161 | Boondock | 399,636 | 3,965,339 | NMBGMR | 900 | well record | 434 | - | - | - | 13.5 | 466 | 14.5 | 451.5 | 97 | 20.3 | 445.7 | 96 | |
| RG-77553 | | Metchick, Tano Road area | 410,418 | 3,955,100 | BMP database verified | 900 | well record | 505 | - | - | - | -0.5 | 395 | 1.5 | 393.5 | 100 | 3.5 | 391.5 | 99 | Tano Road area |

table 30-A, table 30-B - included in findings of hearing examiner, Hearing No. 03-004, OSE File Nos. RG-20516-S-10 thru RG-20516-S-13

**bold** – less than 30 percent water column remaining

# Appendix C. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| NMOSE Well ID | Well Owner(s) listed in NMOSE Database | Confirmed Well Owner | Other Well Names | Parcel Owner Listed in County Parcel Database | Street Address | Lot Description | Address Source | UTM Easting, m, NAD83 | UTM Northing, m, NAD83 | NMOSE T.R.Sec.qqq | Use | Diver -sion, ac-ft/yr | Drilling Date | Well Depth, ft | Depth to Water, ft | Starting Water Column, ft | Model-Simulated 10-Yr Drawdown, ft | Water Column After 10 Years, ft | Percent Water Column Remaining After 10 Years | Model-Simulated 40-Yr Drawdown, ft | Water Column After 40 Years, ft | Percent Water Column Remaining After 40 Years | Land Surface Elevation, ft amsl | Moni-toring Area | Other IDs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-00316 | REGINALDO ESPINOZA, III, CHOLENE ESPINOZA, COMMERCIAL RESOURCES INC., JENNIFER JOHNS | | | | | | | 401496 | 3949086 | | IRR | 5.966 | 3/27/1957 | 40 | 20.0 | 20.0 | 1.5 | 18.5 | 92 | 3.6 | 16.4 | 82 | | BMP | |
| RG-00437 CLW | COLLEGE AGRIC. HOME ECON. NEW, Frank Bond | | Dead Dog WM | | | | | 400343 | 3956715 | 18N.08E.33.134 | STK | 3 | 6/10/1995 | 700 | 407.7 | 292.3 | 18.8 | 273.5 | 94 | 24.9 | 267.4 | 91 | 6166 | BMP | |
| RG-00438 | SUZANNE HOYT GARCIA, TRUSTEE, Robert H. Weil, McKinney | | Midway WM | | | | | 399191 | 3961850 | 18N.08E.17.21 | STK | 3 | 6/30/1962 | 310 | 267.3 | 42.7 | 19.3 | 23.4 | 55 | 26.3 | 16.4 | 38 | 6034 | BMP | |
| RG-00439 | SUZANNE HOYT GARCIA, TRUSTEE, Robert H. Weil | | Artesian, Corral | | | | | 396449 | 3965653 | 19N.07E.36.44 | STK | 3 | 8/8/1947 | 325 | 171.6 | 153.5 | 59.7 | 93.8 | 61 | 65.6 | 87.9 | 57 | 5662 | BMP | |
| RG-04523 | RUFINO MRS. GONZALES, | | | MEAD, WALTER L JR & EMILY C | 101 CALLE ADELINA | LOT B-2 44.534 AC, T18N R 9E S30 | COUNTY PLAT | 406421 | 3958329 | 18N.09E.30.131 | DOM | 3 | 9/30/1960 | 170 | 95.0 | 75.0 | 3.8 | 71.2 | 95 | 7.9 | 67.1 | 89 | | BMP | |
| RG-06128 | LILLIAN M. WALKER, | | | | | | | 402245 | 3962216 | 18N.08E.10.344 | DOM | 3 | 4/25/1993 | 700 | 525.0 | 175.0 | 9.5 | 165.5 | 95 | 15.9 | 159.1 | 91 | 6430 | BMP | |
| RG-06141 | SUZANNE HOYT GARCIA, TRUSTEE, Robert H. Weil | | | LA TIERRA ASSOC INC | RANCH ESTATES RD | T17N R 8E S12 375.855 AC, REMAINDER UNDEVELOPED AREA | COUNTY PLAT | 407117 | 3952667 | 17N.09E.7.431 | STK | 3 | 9/11/1961 | 560 | 500.0 | 60.0 | 2.4 | 57.6 | 96 | 4.9 | 55.1 | 92 | 6720 | BMP | |
| RG-06275 | ROBERT H. WEIL, Western Cattle Co. | | | | | | | 403339 | 3952770 | 17N.08E.11.332 | STK | 3 | 9/5/1961 | 436 | 385.0 | 51.0 | 4.5 | 46.5 | 91 | 8.0 | 43.0 | 84 | 6480 | BMP | |
| RG-06386 | COLLEGE AGRIC. HOME ECON. NEW, Robert H. Weil | | Tony's Windmill | | | | | 405066 | 3959311 | 18N.08E.24.33 | STK | 3 | 9/13/1961 | 350 | 293.9 | 56.1 | 6.2 | 49.9 | 89 | 11.4 | 44.7 | 80 | 6397 | BMP | |
| RG-07248 | COLLEGE OF AGRIC. & ECON. NEW, Robert H. Weil | | Boondock well | | | | | 399636 | 3965339 | 19N.08E.32.44 | STK | 3 | 8/3/1975 | 900 | 434.0 | 466.0 | 14.5 | 451.5 | 97 | 20.3 | 445.7 | 96 | 6150 | BMP | |
| RG-09740 | U. S. FOREST SERVICE, | | USFS Weir Well | | | | | 400424 | 3951041 | 17N.08E.16.34 | SAN | 0 | 9/13/1963 | 514 | 461.0 | 53.0 | 2.5 | 50.5 | 95 | 5.4 | 47.6 | 90 | 6393 | BMP | |
| RG-14073 -REPAI | U.S. FOREST SERVICE | | 1100 Ft Well | | | | | 394978 | 3956163 | 18N.07E.35.4 | STK | 4.83 | 7/1/1966 | 1090 | 996.0 | 94.0 | 4.6 | 89.4 | 95 | 9.5 | 84.5 | 90 | 6641 | BMP | |
| RG-14451 | W. J. ROUNSEVILLE, | | | NOVBAKHTIAN, ABDOLREZA, MASOUD | 82 PASEO DE LA TIERRA | LOT 5 LA TIERRA S/D PH 1, T17N R9E S 6 | COUNTY PLAT | 407082 | 3954847 | 17N.09E.6. | DOM | 3 | 12/23/1966 | 614 | 550.0 | 64.0 | 4.4 | 59.6 | 93 | 8.1 | 55.9 | 87 | 6683 | BMP | |
| RG-16681 | ROBERT H. WEIL, | | Permit | | | | | 404578 | 3964298 | 18N.08E.2.42 | PDM | 3 | 6/20/1969 | 745 | 574.0 | 171.0 | 3.8 | 167.2 | 98 | 8.3 | 162.7 | 95 | | BMP | |
| RG-17409 | ROBERT H WEIL, | | | POMEROY, CHARLES W & BARBARA | 6 COLUMBINE LN | LOT 22 SALVA TIERRA UNIT 1, 2.038 AC, T17N R 9E S8, | COUNTY PLAT | 408234 | 3952574 | 17N.09E.8.334 | DOL | 3 | 1970 | 1980 | 466.0 | 1514.0 | 1.6 | 1512.4 | 100 | 3.5 | 1510.5 | 100 | 6800 | BMP | |
| RG-17410 | ROBERT H WEIL, | | | SMITH, STEPHEN R | 36 PICACHO PEAK DR | LOT 640 LAS CAMPANAS PH V, T17N R 9E S 7 5.029 AC | COUNTY PLAT | 406809 | 3953748 | 17N.09E.7.123 | DOL | 3 | 1970 | 1000 | 567.0 | 433.0 | 3.4 | 429.6 | 99 | 6.6 | 426.4 | 98 | 6765 | BMP | |
| RG-18385 | DR. WILLIAM STENNIS, | | | MCDOUGALL, RICHARD & MARY | 38 N VUELTA HERRADURA | LOT 117 LA TIERRA S/D PHASE 3, 14.07 AC, T18N R 9E S32, | COUNTY PLAT | 409233 | 3955917 | 18N.09E.32.441 | DOM | 3 | 2/26/1971 | 710 | 625.0 | 85.0 | 1.5 | 83.5 | 98 | 3.5 | 81.5 | 96 | 6914 | BMP | |
| RG-19117 | LUDEN. FRITZ, Kris Hotvedt | | | POLANCO, LEE B | 17 WILDFLOWER WAY | T17N R 9E S18 2.51 AC LOT B, | COUNTY PLAT | 407542 | 3951276 | 17N.09E.18.423 | DOM | 3 | 7/12/1971 | 608 | 565.0 | 43.0 | 1.1 | 41.9 | 97 | 2.7 | 40.3 | 94 | 6790 | BMP | |
| RG-21516 | CINCO PARA MANANA, VILLAGE GATE HOLDINGS | | | MILLER, NEIL Z & SUSANNE B | 1 CAMINO DELILAH | T17N R 9E S9 3.380 AC, LOT 1-A | COUNTY PLAT | 409481 | 3953882 | 17N.09E.5.44S | SAN | 0 | 10/3/1972 | 220 | 140.0 | 80.0 | 1.3 | 78.7 | 98 | 3.0 | 77.0 | 96 | | BMP | |
| RG-24203 | JOHN D. GUNDZIK MD, A.A. Realty, Al Amiday | | | BOMSE, PEARL & MARC & | 59 SONRISA TRL | LOT 4 5.346 AC, T17N R 9E S18 | COUNTY PLAT | 406964 | 3951493 | 17N.09E.18.322 | DOM | 3 | 11/6/1973 | 777 | 448.0 | 329.0 | 2.4 | 326.6 | 99 | 4.9 | 324.1 | 99 | 6720 | BMP | |
| RG-24364 | E. C DE BACA, | | | NAMINGHA, DANIEL & FRANCES | 68 PASEO DE LA TIERRA | LOT 4 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 406977 | 3954740 | 17N.09E.6.322 | DOM | 3 | 12/29/1973 | 400 | 300.0 | 100.0 | 4.4 | 95.6 | 96 | 8.1 | 91.9 | 92 | 6701 | BMP | |
| RG-24584 POD1 | BOB WEIL, Daniels | Jeanne C. Daniels | Headquarters, Daniels | CREED, JEANNE H | 86 Headquarters Trail | T18N R 8E S36 14.58 AC SE4 &, T17N R 8E S 1 NE4 PORT OF | COUNTY PLAT, 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405692 | 3955377 | 17N.8E.1.2123 | DOM | 3 | 4/19/1974 | 602 | 426.5 | 175.5 | 8.1 | 167.4 | 95 | 12.6 | 163.0 | 93 | 6554 | BMP | |
| RG-24855 | ROBET H. WEIL, Kubert | | La Tierra | TURNEY, PATRICIA A | 87 E ESTRADA CALABASA | LOT 59 LA TIERRA PHASE 2, T18N R 9E S31 10.009 AC | COUNTY PLAT | 407931 | 3956170 | 18N.09E.32.41 | DOM | 3 | 5/16/1974 | 697 | 496.4 | 200.6 | 2.5 | 198.1 | 99 | 5.3 | 195.3 | 97 | 6722 | BMP | |
| RG-24968 | DREW C. & LYNNE D. ARENA, | | | ARENA, DREW C & ELISE PINKOW | 44 SONRISA TRL | T17N R 9E S18 23.982 AC, TRACT B | COUNTY PLAT | 407040 | 3951072 | 17N.09E.18.324 | DOM | 3 | 7/22/1974 | 697 | 528.0 | 169.0 | 1.6 | 167.4 | 99 | 3.5 | 165.5 | 98 | | BMP | |
| RG-25463 | JEANETTE LILIENTHAL, | | La Tierra, Pinon | BOGLE, GLENN G & SUSAN R | 218 PASEO DE LA TIERRA | LOT 16 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 407017 | 3956720 | 18N.09E.31.211 | DOM | 3 | 10/22/1974 | 841 | 468.3 | 372.8 | 4.4 | 368.4 | 99 | 8.4 | 364.4 | 98 | 6664 | BMP | |
| RG-25637 | SUSAN MERWIN, W.P. Saunders | | La Tierra, South Well | NAMINGHA, DANIEL & FRANCES | 68 PASEO DE LA TIERRA | LOT 4 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 407026 | 3954795 | 17N.09E.6.114 | DOM | 0 | 1975 | 735 | 445.9 | 289.1 | 4.4 | 284.8 | 98 | 8.1 | 281.1 | 97 | 6708 | BMP | |
| RG-25800 | IRIS H WILSON, | | | | | | | 401653 | 3973422 | 19N.08E.. | DOM | 3 | 4/25/1975 | 153 | 78.0 | 75.0 | 1.4 | 73.6 | 98 | 2.6 | 72.4 | 97 | | BMP | |
| RG-26125 | WILLIAM S. ELKINS, | | | | | | | 406010 | 3957550 | 18N.09E.25.431 | DOM | 3 | 7/5/1975 | 167 | 43.0 | 124.0 | 4.4 | 119.6 | 96 | 8.4 | 115.6 | 93 | 6600 | BMP | |
| RG-26697 | MARK K. JONES, | | | | | | | 401478 | 3960568 | 18N.08E. | DOM | 3 | 12/15/1975 | 650 | 480.0 | 170.0 | 10.6 | 159.4 | 94 | 17.1 | 152.9 | 90 | | BMP? | |
| RG-27928 | PETER DYKE, | | | MACCORQUODALE, MICHAEL & PAM | 29 VUELTA MONTUOSO | LOT 29 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 406599 | 3956321 | 18N.09E.31.312 | DOM | 3 | 4/10/2004 | 900 | 555.0 | 345.0 | 4.4 | 340.6 | 99 | 8.4 | 336.6 | 98 | 6701 | BMP | |
| RG-28007 | DON HENRY, | | | LA TIERRA ASSOC INC | 12 HORCADO RANCH RD | LOT 33 LA TIERRA PHASE 1 PARK, NEXT TO T17N R 9E S31, PARK NO TAXABLE VALUE, | COUNTY PLAT | 406395 | 3955740 | 18N.09E.31.333 | DOM | 3 | 12/9/1976 | 585 | 385.0 | 200.0 | 4.4 | 195.6 | 98 | 8.1 | 191.9 | 96 | 6575 | BMP | |
| RG-28064 | STEVEN H. TREMPER, | | La Tierra 32-T-1 | ANDERSON, JON R & ANNE-DRUE | 22 N VUELTA HERRADURA | T18N R 9E S32 11.24 AC, LOT 115 LA TIERRA PHASE 3 | COUNTY PLAT | 408320 | 3956006 | 18N.09E.32.33 | DOM | 3 | 12/28/1976 | 750 | 529.0 | 221.0 | 2.5 | 218.5 | 99 | 5.3 | 215.7 | 98 | 6769 | BMP | |
| RG-28064 | STEVEN H. TREMPER, | | La Tierra 32-T-2 | GREENKER, JEROLD A | 12 ESTRADA REDONDA | T18N R 9E S32 10.39 AC, LOT 82 LA TIERRA PHASE 3 | COUNTY PLAT | 409264 | 3956135 | 18N.09E.32.42 | DOM | 3 | 2/4/1977 | 750 | 533.3 | 216.7 | 1.5 | 215.2 | 99 | 3.5 | 213.2 | 98 | 6847 | BMP | |

# Appendix C. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| NMOSE Well ID | Well Owner(s) listed in NMOSE Database | Confirmed Well Owner | Other Well Names | Parcel Owner Listed in County Parcel Database | Street Address | Lot Description | Address Source | UTM Easting, m, NAD83 | UTM Northing, m, NAD83 | NMOSE T.R.Sec.qqq | Use | Diver -sion, ac-ft/yr | Drilling Date | Well Depth, ft | Depth to Water, ft | Starting Water Column, ft | Model-Simulated 10-Yr Drawdown, ft | Water Column After 10 Years, ft | Percent Water Column Remaining After 10 Years | Model-Simulated 40-Yr Drawdown, ft | Water Column After 40 Years, ft | Percent Water Column Remaining After 40 Years | Land Surface Elevation, ft amsl | Moni-toring Area | Other IDs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-28064 X-2 | STEVEN H. TREMPER, | | Hilltop | NEIKRUG, MARC AND DOLLY L | 59 ESTRADA MAYA | T18N R 9E S32 15.00 AC, LOT 99 LA TIERRA PHASE 3 | COUNTY PLAT | 409088 | 3956910 | 18N.09E.32.222 | DOM | 3 | 2/16/1977 | 727 | 498.0 | 229.0 | 1.5 | 227.5 | 99 | 3.6 | 225.4 | 98 | 6863 | BMP | |
| RG-28064 X-3 | STEVEN H. TREMPER, | | La Tierra 32-T-4 | PHINNEY, ROBERT T & MARGARET | 124 ESTRADA REDONDA | T18N R 9E S32 12.25 AC, LOT 93 LA TIERRA S/D, (OLD PHASE 3), | COUNTY PLAT | 408163 | 3956965 | 18N.09E.32.11 | DOM | 3 | 1/12/1977 | 790 | 513.0 | 277.0 | 2.5 | 274.5 | 99 | 5.5 | 271.5 | 98 | 6750 | BMP | |
| RG-28112 | HENRY SANDMEIER, Paul B. Schmidt and Elise Wheless Schmidt | | | | | Lot 47, La Tierra | | 406645 | 3954327 | | DOM | 3 | 2/2/1977 | 701 | 549.0 | 152.0 | 3.4 | 148.6 | 98 | 6.6 | 145.4 | 96 | 6747 | BMP | |
| RG-28299 | WILLIS A. SEYFFERT, | | La Tierra 32-T-3 | | | | | 409347 | 3956949 | 18N.09E.32.22 | DOM | 3 | 3/4/1977 | 765 | 368.7 | 396.3 | 1.5 | 394.8 | 100 | 3.6 | 392.7 | 99 | 6816 | BMP | |
| RG-28345 | ROBERT GILL, | | | GILL, ROBERT I & CHERYL L | 11 E ESTRADA CALABASA | LOT 13 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 406825 | 3956116 | 18N.09E.31.323 | DOM | 3 | 3/19/1977 | 618 | 522.0 | 96.0 | 4.4 | 91.6 | 95 | 8.1 | 87.9 | 92 | | BMP | |
| RG-29191 | SANDRA LAUDEDALE GRAHAM, | | | GRAHAM, THOMAS R & SANDRA L | 15 VUELTA SABIO | LOT 51 LA TIERRA PHASE 2, SEC 6 T17N R9E 10.578 AC | COUNTY PLAT | 406386 | 3954945 | 17N.09E.6.133 | DOM | 3 | 8/17/1977 | 700 | 530.0 | 170.0 | 4.4 | 165.6 | 97 | 8.1 | 161.9 | 95 | 6654 | BMP | |
| RG-29356 | DENNIS R. COOPER, | | | LICATA, WILLIAM M & CATHERINE | 20 LOS PRADOS | T17N R 9E S 8 TR 1-A-2 1.0 AC, PLAT BK 225 PG 037 | COUNTY PLAT | 409205 | 3953067 | 17N.09E.8.421 | DOM | 3 | 1/23/1978 | 730 | 556.8 | 173.3 | 1.3 | 172.0 | 99 | 3.0 | 170.2 | 98 | 6881 | BMP | |
| RG-29359 | CROCKER EDWARD E. JR., | | | CROMWELL, FLORENCE C & | 16 VUELTA LINDA | T18N R 9E S32 10.31 AC, LOT 111 LA TIERRA PHASE 3 | COUNTY PLAT | 408731 | 3956429 | 18N.09E.32. | DOM | 3 | 7/3/1979 | 715 | 603.0 | 112.0 | 2.5 | 109.5 | 98 | 5.5 | 106.5 | 95 | 6819 | BMP | |
| RG-29524 | BARBARA VIGIL, | | Las Dos #1 | MOONEY, HELEN W | 45 MAMIES MILE | LOT 21 LAS DOS PHASE 1, T18N R 9E S30 12.224 AC | COUNTY PLAT | 407663 | 3958060 | 18N.09E.30.424 | DOM | 3 | 10/24/1977 | 768 | 389.2 | 378.8 | 2.3 | 376.5 | 99 | 5.4 | 373.5 | 99 | 6612 | BMP | |
| RG-29546 | BERGERE KENNEY, | | Los Dos #2 | | | | | 407940 | 3960307 | 18N.09E.19.22 | NOT | 0 | 11/3/1977 | 773 | 434.3 | 338.7 | 2.1 | 336.6 | 99 | 5.0 | 333.7 | 99 | 6674 | BMP | |
| RG-29550 | KENNETH N. & WYONA T. JOY | | | | | | | 397154 | 3964185 | 18N.08E.6.3 | DOM | 3 | 10/26/1977 | 675 | 535.0 | 140.0 | 43.4 | 96.6 | 69 | 50.1 | 89.9 | 64 | 5791 | BMP | |
| RG-29723 | U.S. FOREST SERVICE, US Soil Conservation Service | | 700 Ft Well | | | | | 398694 | 3954689 | 17N.08E.5.3 | STK | 2 | 1/1/1940 | 693 | 671.4 | 21.6 | 8.6 | 13.0 | 60 | 14.3 | 7.3 | 34 | 6486 | BMP | |
| RG-29725 | US FOREST SERVICE, US Soil Conservation Service | | USFS Headquarters Well | | | | | 400842 | 3949932 | 17N.08E.21.41 | STK | 2 | 1/1/1940 | 350 | 311.0 | 39.0 | 2.5 | 36.5 | 94 | 5.4 | 33.6 | 86 | 6442 | BMP | |
| RG-30162 | TODD BAILEY, | | | BAILEY, TODD J | 124 ARROYO CALABASAS RD | T17N R 9E S18 2.5 AC TR 2, | COUNTY PLAT | 406269 | 3951851 | 17N.09E.18.131 | MUL | 3 | 5/29/1978 | 725 | 500.0 | 225.0 | 2.4 | 222.6 | 99 | 4.9 | 220.1 | 98 | | BMP | |
| RG-30269 | KIRSTIN MCMULLEN, | | | GALLANT, DANNY & MARCE MILLER | 52 CAMINO DOS PERROS | T17N R 9E S18 LOT 3-B 5.0 AC, (OLD TR 3) | COUNTY PLAT | 407048 | 3951873 | 17N.09E.18.124 | MUL | 3 | 4/20/1978 | 556 | 475.0 | 81.0 | 2.4 | 78.6 | 97 | 4.9 | 76.1 | 94 | | BMP | |
| RG-30777 | BOB WELL, | Tom and Andrea Bernstein | Bernstein, La Tierra Lot 71; IV-1 | BERNSTEIN, TOM A & ANDREA E | 159 Longhorn Lane | LOT 46 TIERRA NUEVA, T17N R 8E S 2 17.385 AC | COUNTY PLAT, 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 403595 | 3955119 | 17N.08E.36.23 | OBS | 3 | 7/15/1978 | 663 | 543.1 | 119.9 | 16.0 | 103.9 | 87 | 20.8 | 99.0 | 83 | 6550 | BMP | |
| RG-31284 | SUZANNE HOYT GARCIA, TRUSTEE, | | | HOYT, SUZANNE & LINDA WEIL | 127 W ESTRADA CALABASA | T18N R 8E S36 1074.650 AC N2 &, PORT S2 RANCH & HEADQTRS, LIVESTOCK ON ACCT 970001777, | COUNTY PLAT | 405804 | 3957152 | 18N.08E.36.212 | DOM | 3 | 10/30/1978 | 815 | 515.0 | 300.0 | 7.5 | 292.5 | 97 | 12.5 | 287.5 | 96 | 6660 | BMP | |
| RG-31487 EXPL | BOB WEIL, RICHARD CARLYON | | La Tierra Lot 16; IV-2 | STATE OF NEW MEXICO | STATE PROPERTY | LOT 1 LA TIERRA NUEVA, 10.432 AC T17N R 8E S 1 | COUNTY PLAT | 405575 | 3954126 | 17N.08E.1.433 | DOM | 3 | 10/20/1978 | 785 | 529.0 | 256.0 | 5.6 | 250.4 | 98 | 9.5 | 246.5 | 96 | 6677 | BMP | |
| RG-31845 | HIROSHI AND NANCY MURATA, | | | NOVBAKHTIAN, ABDOLREZA, MASOUD | 82 PASEO DE LA TIERRA | LOT 5 LA TIERRA S/D PH 1, T17N R9E S 6 | COUNTY PLAT | 407082 | 3954847 | 17N.09E.6. | DOM | 3 | 4/23/1979 | 700 | 580.0 | 120.0 | 4.4 | 115.6 | 96 | 8.1 | 111.9 | 93 | 6683 | BMP | |
| RG-31977 | BILLY W. ROYBAL, | | | | | | | 401605 | 3970215 | 19N.08E. | IRR | 12 | 12/20/1979 | 300 | 75.0 | 225.0 | 3.5 | 221.5 | 98 | 6.3 | 218.7 | 97 | | BMP? | |
| RG-32871 | MARK JONES, Paul B. Schmidt and Elise Wheless Schmidt | | | | | Lot 40, La Tierra | | 406879 | 3954516 | | DOM | 3 | 7/19/1979 | 700 | 580.0 | 120.0 | 3.4 | 116.6 | 97 | 6.6 | 113.4 | 94 | | BMP | |
| RG-33170 | JOHN O. ZINN, Elise Wheless | | | WHELESS, ELISE | 37 VUELTA TOMAS | LOT 46 LA TIERRA PHASE 2, T17N R 9E S 6 11.890 AC | COUNTY PLAT | 406489 | 3954272 | | DOM | 3 | 9/15/1979 | 680 | 540.0 | 140.0 | 3.4 | 136.6 | 98 | 6.6 | 133.4 | 95 | | BMP | |
| RG-33382 EXPL1 | RICHARD M. HAGER, ANNIE CONSTANT | | | NORTHWEST RANCHES LLC | 28 CAMINO LOS SUENOS | T17N R 9E S19 2.500 AC, LOT 4 | COUNTY PLAT | 406448 | 3950465 | 17N.09E.19.11 | DOM | 3 | 9/8/1979 | 640 | 520.0 | 120.0 | 1.6 | 118.4 | 99 | 3.5 | 116.5 | 97 | | BMP | |
| RG-33451 | LEONARD E. SHULMAN, M.D., | | | KENNEY, NANCY BERGERE & ELLEN, | | T18N R 9E S19 62.525 AC, LOT A-2, N2, SW4, SW4 SW4, | COUNTY PLAT | 407031 | 3958929 | 18N.09E.19.344 | DOM | 3 | 10/30/1979 | 450 | 200.0 | 250.0 | 3.8 | 246.2 | 98 | 7.9 | 242.1 | 97 | | BMP | |
| RG-33833 | BURTON AND PAULA GEYER | Burton L. and Paula Geyer | | | 21 Goodnight Trail West | Lot 19 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405209 | 3954630 | | DOM | 3 | 3/13/1980 | 700 | 580.0 | 120.0 | 5.6 | 114.4 | 95 | 9.5 | 110.5 | 92 | | BMP | |
| RG-34804 | MARIAM BROWNE, | | | LEBLANC, STEVEN R & ELLEN A | | T16N R10E S21, 30.627 AC | COUNTY PLAT | 407399 | 3951520 | 17N.09E.18.412 | MUL | 3 | 10/3/1980 | 400 | 60.0 | 340.0 | 2.4 | 337.6 | 99 | 4.9 | 335.1 | 99 | | BMP | |
| RG-35350 | JOACHIM T. WIRTH, | | | GEORGE, JAMES S & BARBARA | 86 PASEO DE LA TIERRA | LOT 6 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 406982 | 3955141 | 17N.09E.6.142 | PDM | 3 | 12/2/1980 | 720 | 375.0 | 345.0 | 4.4 | 340.6 | 99 | 8.1 | 336.9 | 98 | | BMP | |

# Appendix C. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| NMOSE Well ID | Well Owner(s) listed in NMOSE Database | Confirmed Well Owner | Other Well Names | Parcel Owner Listed in County Parcel Database | Street Address | Lot Description | Address Source | UTM Easting, m, NAD83 | UTM Northing, m, NAD83 | NMOSE T.R.Sec.qqq | Use | Diver -sion, ac-ft/yr | Drilling Date | Well Depth, ft | Depth to Water, ft | Starting Water Column, ft | Model-Simulated 10-Yr Drawdown, ft | Water Column After 10 Years, ft | Percent Water Column Remaining After 10 Years | Model-Simulated 40-Yr Drawdown, ft | Water Column After 40 Years, ft | Percent Water Column Remaining After 40 Years | Land Surface Elevation, ft amsl | Moni-toring Area | Other IDs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-35630 | JAMES H. WHEELOCK, | | | HANDELSMAN, STUART | 31 VISTA CALABASAS | T17N R 9E S18 5.037 AC TR A, HANSEN & ZILECEA SURVEY | COUNTY PLAT | 406749 | 3952121 | 17N.09E.18.123 | DOM | 3 | 5/12/1986 | 605 | 455.0 | 150.0 | 2.4 | 147.6 | 98 | 4.9 | 145.1 | 97 | | BMP | |
| RG-35802 | YARKO KOZIY, | | | | | | | 395871 | 3958899 | 17N.09E.18.233 | DOM | 3 | 3/24/1981 | 720 | 600.0 | 120.0 | 8.6 | 111.4 | 93 | 14.3 | 105.7 | 88 | | BMP | |
| RG-36031 | DAVID GARRISON, | | | GARRISON, DAVID | 138 ESTRADA REDONDA | T18N R 9E S32 16.63 AC, LOT 91 LA TIERRA PHASE 3 | COUNTY PLAT | 408142 | 3956772 | 18N.09E.32. | DOM | 3 | 4/27/1981 | 700 | 620.0 | 80.0 | 2.5 | 77.5 | 97 | 5.5 | 74.5 | 93 | | BMP | |
| RG-37078 CLW | BOB WEIL, ROLAND BETTS | Roland and Lois Betts | | | 6 Headquarters Trail | Lot 2 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405591 | 3954061 | 17N.08E.1.413 | DOM | 0 | 12/15/1993 | 755 | 580.0 | 175.0 | 5.6 | 169.4 | 97 | 9.5 | 165.5 | 95 | 6693 | BMP | |
| RG-37113 | EUGENE E., TRUSTEE BECK, | | | LINCOLN, CYNTHIA H TRUST | | LOT 76 LA TIERRA NUEVA, T17N R 8E S 1 | COUNTY PLAT | 405476 | 3954840 | 17N.08E.1. | DOM | 3 | 11/25/1981 | 700 | 527.0 | 173.0 | 8.1 | 164.9 | 95 | 12.6 | 160.4 | 93 | 6668 | BMP | |
| RG-37164 | ROBERT MARCUS, | | Mountain Vista | ROUNSVILLE, WILLIAM J | 82 PASEO DE LA TIERRA | T17N R 9E S5 184.91 AC, TRACT A, LIVESTOCK ON ACCT 970001905, | COUNTY PLAT | 408098 | 3955429 | 17N.09E.5.11 | DOM | 3 | 12/1/1981 | 950 | 604.7 | 345.3 | 2.5 | 342.8 | 99 | 5.3 | 340.0 | 98 | 6919 | BMP | |
| RG-37582 | GLORIA GAUGHAN, | | | | | | | 399421 | 3950816 | 17N.09E.18.22 | DOM | 3 | 2/12/1982 | 700 | 550.0 | 150.0 | 2.5 | 147.5 | 98 | 5.4 | 144.6 | 96 | | BMP | |
| RG-37817 | DAVID C NELSON, | | | GEORGE, JAMES S & BARBARA | 86 PASEO DE LA TIERRA | LOT 6 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 406685 | 3955076 | 17N.09E.6. | DOM | 3 | 4/23/1982 | 720 | 600.0 | 120.0 | 4.4 | 115.6 | 96 | 8.1 | 111.9 | 93 | 6683 | BMP | |
| RG-37879 | MARCIA J. WILSON, | | | RIMBEAUX, B C | 44 VALLECITO RD | LOT 17 VALLECITO DE LA TIERRA, T17N R 9E S18 2.97 AC | COUNTY PLAT | 407450 | 3951838 | 17N.08E.17.443 | DOM | 3 | 6/1/1982 | 600 | 460.0 | 140.0 | 2.4 | 137.6 | 98 | 4.9 | 135.1 | 96 | | BMP | |
| RG-40491 | FRANCIS MURPHY | Francis Michael Murphy and Joan-Ann Ryan-Murphy | | MURPHY, FRANCIS M & JOAN ANN | 34 CHISHOLM TRL | LOT 26 LA TIERRA NUEVA, T17N R 8E S 1 10.869 AC | COUNTY PLAT | 404883 | 3954138 | | DOM | 3 | 9/16/1983 | 730 | 590.0 | 140.0 | 5.6 | 134.4 | 96 | 9.5 | 130.5 | 93 | | BMP | |
| RG-40722 | KATHLEEN MLOTOK, | | | | | | | 403884 | 3956473 | 18N.08E.35. | DOM | 3 | 9/9/1983 | 756 | 603.0 | 153.0 | 12.7 | 140.3 | 92 | 18.2 | 134.8 | 88 | | BMP | |
| RG-40978 | COURTLANDT & KATRINA BARNES, | | | BARNES, COURTLANDT D & KATRINA | 2 WILDFLOWER WAY | T17N R 9E S18 10 AC SE4 PORT, | COUNTY PLAT | 407745 | 3951291 | 17N.09E.18.424 | DOM | 3 | 1/26/1984 | 720 | 600.0 | 120.0 | 1.1 | 118.9 | 99 | 2.7 | 117.3 | 98 | | BMP | |
| RG-41872 | EDWARD E. JR. CROCKER, | | | NAVA, GREGORY | 29 ESTRADA MAYA | T18N R 9E S32 10.89 AC, LOT 97 LA TIERRA PHASE 3 | COUNTY PLAT | 408842 | 3957099 | 18N.09E.32.211 | DOM | 3 | 2/19/1984 | 730 | 550.0 | 180.0 | 2.5 | 177.5 | 99 | 5.5 | 174.5 | 97 | 6783 | BMP | |
| RG-42335 | RANDLOW SMITH, | | | RIMBEAUX, B C | 44 VALLECITO RD | LOT 17 VALLECITO DE LA TIERRA, T17N R 9E S18 2.97 AC | COUNTY PLAT | 407450 | 3951838 | 17N.09E.1.332 | DOM | 3 | 8/7/1984 | 740 | 550.0 | 190.0 | 2.4 | 187.6 | 99 | 4.9 | 185.1 | 97 | | BMP | |
| RG-42618 | CHARLES S. VON STADE | Eleanor T. and Charles S. von Stade | | | 42 Chisholm Trail | Lot 28 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 404814 | 3954123 | | DOM | 3 | 10/18/1984 | 605 | 520.0 | 85.0 | 5.6 | 79.4 | 93 | 9.5 | 75.5 | 89 | | BMP | |
| RG-46386 | DANIEL FORMAN, | | | CITY OF SANTA FE | CITY PROPERTY | CITY PROPERTY, MAPPING PURPOSE ONLY | COUNTY PLAT | 411114 | 3953865 | 17N.09E.18.414 | DOM | 3 | 10/16/1986 | 605 | 380.0 | 225.0 | 0.8 | 224.2 | 100 | 2.1 | 222.9 | 99 | | BMP | |
| RG-48491 | DARLENE STREIT, | Michael and Tami Lang | | LANG, MICHAEL S & TAMI | 173 CHISHOLM TRL | LOT 49 LA TIERRA NUEVA, T17N R 8E S 2 15.425 AC | COUNTY PLAT | 403827 | 3955337 | 17N.08E.2.121 | DOM | 3 | 11/24/1987 | 730 | 530.0 | 200.0 | 16.0 | 184.0 | 92 | 20.8 | 179.2 | 90 | 6564 | BMP | |
| RG-48897 | WLATER L. & EMILY C. MEAD, | | | MEAD, WALTER L JR & EMILY C | 29 CALLE ADELINA | T18N R 9E S30 40 AC SE4-SW4, UND INTEREST | COUNTY PLAT | 406915 | 3957423 | 18N.09E.30.34 | DOM | 3 | 4/11/1988 | 800 | 580.0 | 220.0 | 4.4 | 215.6 | 98 | 8.4 | 211.6 | 96 | 6638 | BMP | |
| RG-48897 X2 | WLATER L. & EMILY C. MEAD, | | | MEAD, WALTER L JR & EMILY C | 29 CALLE ADELINA | T18N R 9E S30 40 AC SE4-SW4, UND INTEREST | COUNTY PLAT | 407014 | 3957522 | 18N.09E.30.342 | DOM | 3 | 11/14/1996 | 760 | 422.0 | 338.0 | 4.4 | 333.6 | 99 | 8.4 | 329.6 | 98 | 6617 | BMP | |
| RG-49717 | GLORIA GAUGHAM, | | | CHRIST, RONALD TRUSTEE OF | 40 CAMINO CIELO | T17N R 9E S18 2.907 AC, LOT 4-A CIELO AZUL | COUNTY PLAT | 406273 | 3952251 | 17N.09E.18. | DOM | 3 | 9/6/1988 | 700 | 600.0 | 100.0 | 2.4 | 97.6 | 98 | 4.9 | 95.1 | 95 | | BMP | |
| RG-49952 | JOSEPH MORSE | Florence and Joseph Morse | | | 25 Goodnight Trail | Lot 20, La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405546 | 3954603 | | DOM | 3 | 12/22/1988 | 710 | 540.0 | 170.0 | 5.6 | 164.4 | 97 | 9.5 | 160.5 | 94 | | BMP | |
| RG-50395 | TAYLOR A DALE, | | | BRANCH, DENNIS R | | T17N R 9E S18 17.400 AC TR D4, NW4 | COUNTY PLAT | 406939 | 3952352 | 17N.09E.18.112 | DOM | 3 | 3/12/1989 | 700 | 480.0 | 220.0 | 2.4 | 217.6 | 99 | 4.9 | 215.1 | 98 | | BMP | |
| RG-50735 | EUGENE D HIGGINS, | | | SCULLIN, MARC & CYNTHIA | 136 ARROYO CALABASAS RD | T17N R 9E S18 2.5 AC TR 1, | COUNTY PLAT | 406269 | 3951935 | 17N.09E.18.11 | MUL | 3 | 5/11/1989 | 700 | 500.0 | 200.0 | 2.4 | 197.6 | 99 | 4.9 | 195.1 | 98 | 6644 | BMP | |
| RG-50944 | DENNIS & ELLEN SANDERS, | | | BT HOMES INC | | T17N R 9E S12 252.0120 AC, TR 14 W OF TAOS HWY | COUNTY PLAT | 414355 | 3953833 | 17N.09E.18.1 | DOM | 0 | 7/1/1989 | 700 | 580.0 | 120.0 | 0.3 | 119.7 | 100 | 1.0 | 119.0 | 99 | | BMP | |
| RG-51854 | RAY WINN | William A. and Janet F. Moffett | | | 44 Chisholm Trail | Lot 29 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 404642 | 3954152 | | DOM | 3 | 2/15/1990 | 695 | 590.0 | 105.0 | 5.6 | 99.4 | 95 | 9.5 | 95.5 | 91 | | BMP | |

# Appendix C. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| NMOSE Well ID | Well Owner(s) listed in NMOSE Database | Confirmed Well Owner | Other Well Names | Parcel Owner Listed in County Parcel Database | Street Address | Lot Description | Address Source | UTM Easting, m, NAD83 | UTM Northing, m, NAD83 | NMOSE T.R.Sec.qqq | Use | Diver -sion, ac-ft/yr | Drilling Date | Well Depth, ft | Depth to Water, ft | Starting Water Column, ft | Model-Simulated 10-Yr Drawdown, ft | Water Column After 10 Years, ft | Percent Water Column Remaining After 10 Years | Model-Simulated 40-Yr Drawdown, ft | Water Column After 40 Years, ft | Percent Water Column Remaining After 40 Years | Land Surface Elevation, ft amsl | Moni-toring Area | Other IDs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-52506 | WILLIAM AGNEW | Tucker Family Trust - Cecil R. Tucker/Janice W. Tucker | | | 20 Goodnight Trail West | | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405241 | 3954362 | | DOM | 3 | 8/7/1990 | 730 | 627.0 | 103.0 | 5.6 | 97.4 | 95 | 9.5 | 93.5 | 91 | | BMP | |
| RG-52780 CLW | RICHARD BRENNER, VALLECITO HOMEOWNERS ASSOC | | Vallecitos #1 | LUDIN, FRITZ | | T17N R 9E S18 10 AC NE4-SE4, | COUNTY PLAT | 407446 | 3951438 | 17N.09E.18.412 | DOM | 3 | 12/23/1996 | 735 | 496.0 | 239.0 | 2.4 | 236.6 | 99 | 4.9 | 234.1 | 98 | 6718 | BMP | |
| RG-52938 | JACK & JUNE SMITH, | | | MILLER, MARK C | 3 VUELTA LINDA | T18N R 9E S32 11.32 AC, LOT 107 LA TIERRA PHASE 3 | COUNTY PLAT | 408537 | 3956601 | 18N.09E.32.14 | DOM | 3 | 9/26/1990 | 1000 | 650.0 | 350.0 | 2.5 | 347.5 | 99 | 5.5 | 344.5 | 98 | 6802 | BMP | |
| RG-53071 | LEROY BACA, | | | | | | | 400288 | 3949351 | 17N.08E.21.343 | DOM | 3 | 10/10/1990 | 440 | 261.0 | 179.0 | 1.5 | 177.5 | 99 | 3.6 | 175.4 | 98 | | BMP | |
| RG-53404 | MARC NEIKRUG, | | | FISCHER, CYNTHIA F & KURT | 17 SONRISA TRL | LOT 4 SONRISA S/D 5.010 AC, T17N R 9E S18 | COUNTY PLAT | 406265 | 3951450 | 17N.09E.18.311 | MUL | 3 | 7/10/1991 | 800 | 410.0 | 390.0 | 2.4 | 387.6 | 99 | 4.9 | 385.1 | 99 | | BMP | |
| RG-53581 | PATRICIA & J. SIGMUND FORMAN, | | | LUDIN, FRITZ | | T17N R 9E S18 10 AC NE4-SE4, | COUNTY PLAT | 407446 | 3951438 | 17N.09E.18.412 | MUL | 3 | 6/14/1991 | 700 | 580.0 | 120.0 | 2.4 | 117.6 | 98 | 4.9 | 115.1 | 96 | | BMP | |
| RG-53658 | BRIAN K. GONZALES, | | | BLOG, THOMAS M & ANNE E | 43 VUELTA MARIA | LOT 24 LAS DOS PHASE 1, T18N R 9E S30 13.177 AC, PER DEATH CERT & ATTY R FOX, | COUNTY PLAT | 407484 | 3957507 | 18N.09E.30.432 | DOM | 3 | 5/7/1991 | 720 | 520.0 | 200.0 | 2.5 | 197.5 | 99 | 5.5 | 194.5 | 97 | | BMP | |
| RG-53984 | HERSCHEL COBB, | | | LOVE RANCH PARTNERS LLC | | T17N R 9E S18, TR D, 20.00 AC, | COUNTY PLAT | 407467 | 3951068 | 17N.09E.18.423 | MUL | 3 | 8/7/1991 | 735 | 500.0 | 235.0 | 1.1 | 233.9 | 100 | 2.7 | 232.3 | 99 | | BMP | |
| RG-53998 | PETER GOODWIN, | | | LOVE RANCH PARTNERS LLC | | T17N R 9E S18, TR D, 20.00 AC, | COUNTY PLAT | 407467 | 3951068 | 17N.09E.18.423 | MUL | 3 | 7/15/1991 | 735 | 500.0 | 235.0 | 1.1 | 233.9 | 100 | 2.7 | 232.3 | 99 | | BMP | |
| RG-53999 | ROBERT & CAROL CARUTHERS, | | | LOVE RANCH PARTNERS LLC | | T17N R 9E S18, TR D, 20.00 AC, | COUNTY PLAT | 407467 | 3951068 | 17N.09E.18.423 | MUL | 3 | 6/30/1991 | 700 | 500.0 | 200.0 | 1.1 | 198.9 | 99 | 2.7 | 197.3 | 99 | | BMP | |
| RG-54000 | CANDIS NELSON, | | | LOVE RANCH PARTNERS LLC | | T17N R 9E S18, TR D, 20.00 AC, | COUNTY PLAT | 407467 | 3951068 | 17N.09E.18.423 | MUL | 3 | 7/9/1991 | 730 | 500.0 | 230.0 | 1.1 | 228.9 | 100 | 2.7 | 227.3 | 99 | | BMP | |
| RG-54001 | B. C. RIMBEAUX, | | | LOVE RANCH PARTNERS LLC | | T17N R 9E S18, TR D, 20.00 AC, | COUNTY PLAT | 407467 | 3951068 | 17N.09E.18.423 | MUL | 3 | 9/5/1991 | 718 | 500.0 | 218.0 | 1.1 | 216.9 | 99 | 2.7 | 215.3 | 99 | | BMP | |
| RG-54066 | JAMES KARP, | James and Arlene Karp | | BERNSTEIN, TOM A & ANDREA E | 11 Longhorn Lane | Lot 42 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 403672 | 3954737 | 17N.08E.2.142 | DOM | 3 | 7/31/1991 | 760 | 540.0 | 220.0 | 16.0 | 204.0 | 93 | 20.8 | 199.2 | 91 | 6549 | BMP | |
| RG-54262 | WELLS W. WHITNEY, | Philip Grasso | | | 17 Longhorn Lane | Lot 41 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 403699 | 3954577 | 17N.08E.2.223 | DOM | 3 | 11/8/1991 | 755 | 535.0 | 220.0 | 8.2 | 211.8 | 96 | 12.6 | 207.4 | 94 | 6531 | BMP | |
| RG-54319 | JEROME MARSHAK, | | | KENNEY GRANDCHILDRENS | 50 CALLE ADELINA | T18N R 9E S30 21.056 AC, TR D | COUNTY PLAT | 406823 | 3958125 | 18N.09E.30.143 | DOM | 3 | 9/19/1991 | 715 | 560.0 | 155.0 | 3.8 | 151.2 | 98 | 7.9 | 147.1 | 95 | 6575 | BMP | |
| RG-54395 | CLAY BERGER, | John L. Babitt | | | 38 Goodnight Trail | Lot 9 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 406245 | 3954574 | 17N.08E.1.421 | DOM | 3 | 9/25/1991 | 740 | 580.0 | 160.0 | 3.4 | 156.6 | 98 | 6.6 | 153.4 | 96 | 6646 | BMP | |
| RG-54655 | WILLIAM C. III HARKER, | | | ELTON, DEBBIE | | T17N R 9E S18 5 AC LOT 4A, AS PER DEATH CERTIFICATE, #091019, | COUNTY PLAT | 406979 | 3951747 | | MUL | 3 | 12/23/1991 | 700 | 580.0 | 120.0 | 2.4 | 117.6 | 98 | 4.9 | 115.1 | 96 | 6681 | BMP | |
| RG-54919 | PING & DEBORAH LEE, | | | MURATA, HIROSHI & NANCY | 22 VUELTA CHAMISA | LOT 8 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 406788 | 3955542 | 17N.09E.6.121 | DOM | 3 | 3/8/1992 | 660 | 500.0 | 160.0 | 4.4 | 155.6 | 97 | 8.1 | 151.9 | 95 | 6622 | BMP | |
| RG-54938 | WILLIAM & JOANNA SEITZ, | | | MEAD, WALTER L JR & EMILY C | 57 CALLE ADELINA | LOT B-3 45.458 AC, T18N R 9E S30 | COUNTY PLAT | 406616 | 3957928 | 18N.09E.30.312 | DOM | 3 | 3/7/1992 | 700 | 550.0 | 150.0 | 3.8 | 146.2 | 97 | 7.9 | 142.1 | 95 | 6555 | BMP | |
| RG-55206 | LA LUZ GROUP, LLC, | | | | | | | 402036 | 3961412 | 18N.08E.15.143 | DOM | 0 | 9/28/1992 | 655 | 580.0 | 75.0 | 9.5 | 65.5 | 87 | 15.9 | 59.1 | 79 | 6394 | BMP | |
| RG-55696 CLW | R. L. BURKE, | | | MCCURDY, RICHARD B TRUSTEE | 60 E ESTRADA CALABASA | LOT 57 LA TIERRA S/D PH 2, T18N R 9E S31 10.992 AC | COUNTY PLAT | 407825 | 3955729 | 18N.09E.31.444 | DOM | 0 | 4/14/1993 | 850 | 685.0 | 165.0 | 2.5 | 162.5 | 98 | 5.3 | 159.7 | 97 | 6727 | BMP | |
| RG-55734 | JILL & MITCHEL, PAUL NORTON, | Jill A. Norton | | | 138 Chisholm Trail | Lot 44 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 403477 | 3954854 | 17N.08E.2.124 | DOM | 3 | 8/19/1992 | 740 | 500.0 | 240.0 | 16.0 | 224.0 | 93 | 20.8 | 219.2 | 91 | 6558 | BMP | |
| RG-55885 | CUSTOM PROPERTIES OF SANTA FE, JAMES D. WARREN | William L. Oliver, Jr., and Mary Lynn Oliver | | | 54 Headquarters Trail | Lot 78 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405763 | 3954711 | 17N.08E.1.233 | DOM | 3 | 8/25/1992 | 750 | 530.0 | 220.0 | 8.1 | 211.9 | 96 | 12.6 | 207.4 | 94 | 6622 | BMP | |
| RG-56282 | CLIFF WALBRIDGE, | Donald and Karen Berlanti Revocable Trust | | BERLANTI, DONALD V & KAREN L | 171 HEADQUARTERS TRL | LOT 69 LA TIERRA NUEVA, T17N R 8E S 1 27.273 AC | COUNTY PLAT | 405170 | 3955316 | 17N.08E.1.123 | DOM | 3 | 12/18/1992 | 700 | 520.0 | 180.0 | 8.1 | 171.9 | 95 | 12.6 | 167.4 | 93 | 6620 | BMP | |
| RG-56667 | DON & DEBBIE WOODIN, | | | LOVE RANCH PARTNERS LLC | | T17N R 9E S18, TR C, 20.20 AC, | COUNTY PLAT | 407065 | 3951041 | 17N.09E.18.431 | MUL | 3 | 4/3/1993 | 725 | 630.0 | 95.0 | 1.6 | 93.4 | 98 | 3.5 | 91.5 | 96 | | BMP | |
| RG-56804 | MYRON G. RIGHTMAN, | | | | | | | 408252 | 3958516 | 18N.09E.29.114 | DOM | 3 | 3/3/1993 | 705 | 420.0 | 285.0 | 2.3 | 282.7 | 99 | 5.4 | 279.6 | 98 | | BMP | |
| RG-56880 | PRICILLA TEMPLE, | | | UNFRIED, CHARLES O JR & NANCY | 17 VUELTA YUCCA | T18N R 9E S32 13.30 AC, LOT 79 LA TIERRA PHASE 3 | COUNTY PLAT | 408027 | 3955725 | 18N.09E.32.333 | DOM | 3 | 3/12/1993 | 755 | 578.0 | 177.0 | 2.5 | 174.5 | 99 | 5.3 | 171.7 | 97 | 6766 | BMP | |

# Appendix C. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| NMOSE Well ID | Well Owner(s) listed in NMOSE Database | Confirmed Well Owner | Other Well Names | Parcel Owner Listed in County Parcel Database | Street Address | Lot Description | Address Source | UTM Easting, m, NAD83 | UTM Northing, m, NAD83 | NMOSE T.R.Sec.qqq | Use | Diver -sion, ac-ft/yr | Drilling Date | Well Depth, ft | Depth to Water, ft | Starting Water Column, ft | Model-Simulated 10-Yr Drawdown, ft | Water Column After 10 Years, ft | Percent Water Column Remaining After 10 Years | Model-Simulated 40-Yr Drawdown, ft | Water Column After 40 Years, ft | Percent Water Column Remaining After 40 Years | Land Surface Elevation, ft amsl | Moni-toring Area | Other IDs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-57586 | JAIME TRUJILLO, | | | | | | | 408250 | 3951460 | 17N.09E.17.134 | MUL | 3 | 7/1/1993 | 700 | 500.0 | 200.0 | 1.6 | 198.4 | 99 | 3.5 | 196.5 | 98 | | BMP | |
| RG-57619 | ERIC A. SAMLER, | | | WAGNER, LINDA J | 34 RABBITBRUSH | LOT 11 LA VIDA S/D 2.012 AC, T17N R 9E S19 | COUNTY PLAT | 407031 | 3950240 | 17N.09E.19.124 | MUL | 3 | 2/18/1994 | 643 | 481.0 | 162.0 | 1.6 | 160.4 | 99 | 3.5 | 158.5 | 98 | | BMP | |
| RG-57851 | SUSAN GARDNER, Trujillo | | Guesthouse | TRUJILLO, RICARDO B | 16 CAMINO LADERA | T17N R 9E S 5 LOT 1-D 5.060 AC, | COUNTY PLAT | 409294 | 3955311 | 17N.09E.5.412 | DOM | 3 | 9/29/1993 | 864 | 520.0 | 344.0 | 1.5 | 342.5 | 100 | 3.5 | 340.5 | 99 | 6863 | BMP | |
| RG-57909 EXPL | PETER ORDWAY, | | | | | | | 407646 | 3956147 | 18N.09E.31.423 | DOM | 0 | 8/10/1993 | 900 | 550.0 | 350.0 | 2.5 | 347.5 | 99 | 5.3 | 344.7 | 98 | 6729 | BMP | |
| RG-57968 | SARA VACHA, | | | SCHNEIDER, DAVID J & | 16 CAMINO CALABASAS | T17N R 9E S18 LOT 1 2.50 AC, | COUNTY PLAT | 407856 | 3952235 | 17N.09E.18.222 | DOM | 3 | 8/21/1993 | 700 | 540.0 | 160.0 | 1.6 | 158.4 | 99 | 3.5 | 156.5 | 98 | | BMP | |
| RG-58366 | HACIENDA DEL CEREZO LTD., | | HDC1 | HACIENDA DEL CEREZO LTD | | T18N R 9E S 1 NW4-SW4-S2, SW4-, N2-NW4 & LOT 6, T18N R 9E S18 217.113 AC, | COUNTY PLAT | 406473 | 3960061 | 18N.09E.19.113 | SAN | 3 | 1/6/1994 | 945 | 396.0 | 549.0 | 3.3 | 545.7 | 99 | 7.3 | 541.7 | 99 | 6551 | BMP | |
| RG-58534 | CARRIE LEE KAYE, | | | ROSENZWOG, JANET | | LOT 16 VALLECITO DE LA TIERRA, T17N R 9E S18 | COUNTY PLAT | 407475 | 3951869 | 17N.09E.18.223 | DOM | 0 | | 800 | 500.0 | 300.0 | 1.6 | 298.4 | 99 | 3.5 | 296.5 | 99 | | BMP | |
| RG-59101 | DAVID C. ZERBST, | | | GRANT, PETER A & JOAN C | | T17N R 9E S18 5.0765 AC, LOT A-4 | COUNTY PLAT | 407454 | 3952239 | 17N.09E.18.212 | MUL | 3 | 3/16/1994 | 750 | 445.0 | 305.0 | 2.4 | 302.6 | 99 | 4.9 | 300.1 | 98 | | BMP | |
| RG-59195 | MICHAEL HURLOCKER, | | Los Suenos Expl | JANS, NEIL A & IRENE L | 10 E CLOUD MARCH | T17N R 8E S13 2.727 AC, LOS SUENOS S/D LOT 8 | COUNTY PLAT | 406047 | 3951057 | 17N.08E.13.441 | MUL | 3 | 3/25/1994 | 845 | 448.7 | 396.3 | 1.6 | 394.7 | 100 | 3.5 | 392.8 | 99 | 6661 | BMP | |
| RG-59213 | MICHAEL & BARBARA OGG, | Barbara and Michael J. Ogg | | OGG, MICHAEL J & BARBARA DOROB | 209 HEADQUARTERS TRL | LOT 66 LA TIERRA NUEVA, T17N R 8E S 2 17.704 AC | COUNTY PLAT | 404678 | 3955430 | 17N.08E.2.222 | DOM | 3 | 4/6/1994 | 750 | 500.0 | 250.0 | 8.1 | 241.9 | 97 | 12.6 | 237.4 | 95 | 6508 | BMP | |
| RG-59386 | GABRIELLE BURKE, | | | | | | | 405044 | 3961179 | 18N.08E.13.312 | DOM | 0 | 1/15/1995 | 905 | 480.0 | 425.0 | 4.3 | 420.7 | 99 | 9.3 | 415.7 | 98 | 6516 | BMP | |
| RG-59388 | ROBERT & NANCY LEHRER, | Robert and Nancy Lehrer | | LEHRER, ROBERT M & NANCY M | 240 HEADQUARTERS TRL | LOT 61 LA TIERRA NUEVA, T17N R 8E S 2 12.643 AC | COUNTY PLAT | 404339 | 3954999 | 17N.08E.2.222 | DOM | 3 | 4/15/1994 | 800 | 505.0 | 295.0 | 8.1 | 286.9 | 97 | 12.6 | 282.4 | 96 | 6508 | BMP | |
| RG-59728 | HELEN LOUISE SWANKY, | | | JACOBS, LAURENCE S & KATHERINE | 60 LA SERENA TRL | T17N R 9E S19 2.992 AC, LOT 9 LA SERENA S/D | COUNTY PLAT | 407035 | 3950641 | 17N.09E.18.34 | DOM | 0 | 5/4/1994 | 855 | 485.0 | 370.0 | 1.6 | 368.4 | 100 | 3.5 | 366.5 | 99 | | BMP | |
| RG-59973 | LOUIS & BARBARA SKLAR, | Louis S. and Barbara Sklar | | | 19 Brahma Ln | Lot 60 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 404788 | 3955019 | 17N.08E.2.122 | DOM | 3 | 8/10/1994 | 750 | 540.0 | 210.0 | 8.1 | 201.9 | 96 | 12.6 | 197.4 | 94 | 6511 | BMP | |
| RG-60104 | LEONARD & BARBARA RAND THE RAN, | Len and Barbara Rand | | RAND, LEONARD M & BARBARA E | 111 HEADQUARTERS TRL | LOT 73 LA TIERRA NUEVA S/D, T17N R 8E S 1 | COUNTY PLAT | 405218 | 3955382 | 17N.08E.1.142 | DOM | 3 | 1/20/1995 | 760 | 580.0 | 180.0 | 8.1 | 171.9 | 95 | 12.6 | 167.4 | 93 | 6641 | BMP | |
| RG-60135 | RICHARD FALLOWS, | | | MOTODA, DARYL M & JEANETTE W | 5 TERARY CT | T17N R 8E S13 4.001 AC, LOT 5 EL PRADO S/D | COUNTY PLAT | 406154 | 3952301 | 17N.08E.13.222 | MUL | 3 | 8/30/1994 | 800 | 465.0 | 335.0 | 2.4 | 332.6 | 99 | 4.9 | 330.1 | 99 | 6690 | BMP | |
| RG-60136 | RICHARD FALLOWS, | | El Prado Test Well | MARX, JAMES F & | 10 LUPINE CT | T17N R 8E S13 4.081 AC, LOT 4 EL PRADO S/D | COUNTY PLAT | 406139 | 3952312 | 17N.08E.13.242 | MUL | 3 | 8/21/1994 | 810 | 488.8 | 321.2 | 2.4 | 318.9 | 99 | 4.9 | 316.3 | 98 | 6680 | BMP | |
| RG-60137 | RICHARD FALLOWS, | | El Prado ELP2 | MOTODA, DARYL M & JEANETTE W | 5 TERARY CT | T17N R 8E S13 4.001 AC, LOT 5 EL PRADO S/D | COUNTY PLAT | 406179 | 3952187 | 17N.08E.13.224 | MUL | 3 | 8/26/1994 | 830 | 481.8 | 348.2 | 2.4 | 345.9 | 99 | 4.9 | 343.3 | 99 | 6686 | BMP | |
| RG-60138 | RICHARD FALLOWS, | | El Prado ELP3 | MARCELLUS, GARY W & LINDA | 35 COPPERMALLOW RD | T17N R 8E S13 4.292 AC, LOT 11 EL PRADO S/D | COUNTY PLAT | 406081 | 3951925 | 17N.08E.13.241 | MUL | 3 | 9/4/1994 | 820 | 448.2 | 371.8 | 2.4 | 369.4 | 99 | 4.9 | 366.9 | 99 | 6642 | BMP | |
| RG-60404 | SHERYL M LARNER, | Richard and Staci Smith | | | 21 Chisholm Trail | Lot 25 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 404936 | 3954130 | 17N.08E.1.331 | DOM | 3 | 12/17/1994 | 760 | 580.0 | 180.0 | 5.6 | 174.4 | 97 | 9.5 | 170.5 | 95 | 6647 | BMP | |
| RG-61535 | WILLIAM & SHARON EKLUND, | | | EKLUND, WILLIAM A & SHARON R | 48 PASEO DE LA TIERRA | LOT 3 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 407174 | 3954334 | 17N.09E.6.431 | DOM | 0 | 10/26/1998 | 750 | 522.0 | 228.0 | 3.4 | 224.6 | 98 | 6.6 | 221.4 | 97 | 6742 | BMP | |
| RG-61551 | TOM BLOG, | | | MEAD, WALTER L JR & EMILY C | 29 CALLE ADELINA | T18N R 9E S30 40 AC SE4-SW4, UND INTEREST | COUNTY PLAT | 406814 | 3957522 | 18N.09E.30.341 | DOM | 3 | 2/11/1995 | 810 | 580.0 | 230.0 | 4.4 | 225.6 | 98 | 8.4 | 221.6 | 96 | 6617 | BMP | |
| RG-61944 | ROBERT T RITTER, | Robert and Connie Ritter | | | 10 SHORTHORN LN | Lot 6 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 406049 | 3953948 | 17N.08E.12.121 | DOM | 3 | 3/25/1995 | 710 | 585.0 | 125.0 | 3.4 | 121.6 | 97 | 6.6 | 118.4 | 95 | 6625 | BMP | |
| RG-62974 | RICHARD S PODMORE, | | | MORO, RAYMOND & IRIS D | 12 DEER CIR | LOT 269 LAS CAMPANAS ESTATES, II | COUNTY PLAT | 407852 | 3951865 | 17N.09E.18.224 | DOM | 3 | 1/11/1996 | 800 | 460.0 | 340.0 | 1.6 | 338.4 | 100 | 3.5 | 336.5 | 99 | | BMP | |
| RG-63280 | LAURA BETH CLAYTON, | | | COST, RICHARD & STACEY | 19 VUELTA CHAMISA | LOT 10 LA TIERRA PHASE 1, T17N R 9E S 6 | COUNTY PLAT | 406988 | 3955542 | 17N.09E.6.122 | DOM | 3 | 10/4/1995 | 760 | 490.0 | 270.0 | 4.4 | 265.6 | 98 | 8.1 | 261.9 | 97 | 6691 | BMP | |
| RG-64419 | SYLVIA SWANSON, | E. Gifford Stack and Sylvia E. Swanson | | SWANSON, SYLVIA E & E GIFFORD | 97 CHISHOLM TRL | LOT 36 LA TIERRA NUEVA 1, T17N R 8E S 2, 10.030 AC, | COUNTY PLAT | 404293 | 3954920 | 17N.08E.2.421 | DOM | 3 | 5/31/1996 | 740 | 500.0 | 240.0 | 8.1 | 231.9 | 97 | 12.6 | 227.4 | 95 | 6620 | BMP | |
| RG-65175 | GREGORY COLE, | | | MEAD, WALTER L JR & EMILY C | 57 CALLE ADELINA | LOT B-3 45.458 AC, T18N R 9E S30 | COUNTY PLAT | 407019 | 3957723 | 18N.09E.30.324 | MUL | 3 | 8/22/1996 | 800 | 560.0 | 240.0 | 4.4 | 235.6 | 98 | 8.4 | 231.6 | 97 | 6602 | BMP | |
| RG-65180 | SUKI GROSECLOSE, | Everett and Susan Groseclose | | GROSECLOSE, EVERETT H & SUSAN | 57 E GOODNIGHT TRL | LOT 14 LA TIERRA NUEVA, T17N R 8E S 1, 13.942 AC, | COUNTY PLAT | 406081 | 3954653 | 17N.08E.1.423 | SAN | 3 | 5/10/1996 | 756 | 530.0 | 226.0 | 3.4 | 222.6 | 98 | 6.6 | 219.4 | 97 | 6695 | BMP | |

# Appendix C. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| NMOSE Well ID | Well Owner(s) listed in NMOSE Database | Confirmed Well Owner | Other Well Names | Parcel Owner Listed in County Parcel Database | Street Address | Lot Description | Address Source | UTM Easting, m, NAD83 | UTM Northing, m, NAD83 | NMOSE T.R.Sec.qqq | Use | Diver -sion, ac-ft/yr | Drilling Date | Well Depth, ft | Depth to Water, ft | Starting Water Column, ft | Model-Simulated 10-Yr Drawdown, ft | Water Column After 10 Years, ft | Percent Water Column Remaining After 10 Years | Model-Simulated 40-Yr Drawdown, ft | Water Column After 40 Years, ft | Percent Water Column Remaining After 40 Years | Land Surface Elevation, ft amsl | Moni-toring Area | Other IDs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-65244 | MICHAEL LAWRENCE, | | | TARN, NATHANIEL R TRUSTEE | 77 VUELTA MARIA | LOT 27 LAS DOS PHASE 1, T18N R 9E S29 10.856 AC | COUNTY PLAT | 408245 | 3957711 | 18N.09E.29.314 | DOM | 3 | 10/22/1996 | 800 | 560.0 | 240.0 | 2.5 | 237.5 | 99 | 5.5 | 234.5 | 98 | 6709 | BMP | |
| RG-65566 | PHYLLIS L. NEWCOMER, | Dr. Phyllis L. Newcomer | | NEWCOMER, PHYLLIS L | 79 CHISHOLM TRL | LOT 33 LA TIERRA NUEVA S/D, T17N R 8E S 2, 10.794 AC, | COUNTY PLAT | 404331 | 3955009 | 17N.08E.2.421 | DOM | 3 | 5/5/1998 | 765 | 542.0 | 223.0 | 8.1 | 214.9 | 96 | 12.6 | 210.4 | 94 | 6620 | BMP | |
| RG-65584 | CHARLES HARRISON, | Charles Harrison | | HARRISON, CHARLES & RAWSON, | 181 CHISHOLM TRL | LOT 51 LA TIERRA NUEVA, T17N R 8E S 2 14.399 AC | COUNTY PLAT | 403243 | 3955504 | 17N.08E.2.112 | DOM | 3 | 8/17/1997 | 755 | 535.0 | 220.0 | 16.0 | 204.0 | 93 | 20.8 | 199.2 | 91 | 6499 | BMP | |
| RG-66147 | ELISE WHELESS, | | | WHELESS, ELISE | 22 VUELTA SABIO | LOT 49 LA TIERRA PHASE 2, T17N R 9E S 6 12.814 AC | COUNTY PLAT | 406478 | 3954618 | 17N.09E.6.314 | DOM | 3 | 1/22/1997 | 750 | 500.0 | 250.0 | 3.4 | 246.6 | 99 | 6.6 | 243.4 | 97 | 6702 | BMP | |
| RG-66978 | CITY OF SANTA FE/CIP, | | | | | | | 403104 | 3949122 | 17N.08E.26.111 | SAN | 3 | 5/1/1997 | 890 | 240.0 | 650.0 | 1.5 | 648.5 | 100 | 3.4 | 646.6 | 99 | 6460 | BMP | |
| RG-67134 | DAVID KENNEY, | | | KENNEY, DAVID | 146 CALLE JOSEPHINA | T18N R 9E S19 62.502 AC, TR C | COUNTY PLAT | 407241 | 3959929 | 18N.09E.19.231 | DOM | 3 | 5/26/1999 | 270 | 60.0 | 210.0 | 3.3 | 206.7 | 98 | 7.3 | 202.7 | 97 | 6543 | BMP | |
| RG-67485 | LAWRENCE BURKE, | | Mariah Ranch | | | | | 405067 | 3962076 | 18N.08E.13.141 | DOM | 3 | 11/25/1997 | 880 | 420.0 | 460.0 | 4.3 | 455.7 | 99 | 9.3 | 450.7 | 98 | 6522 | BMP | |
| RG-68309 | DAN MCCOY, | | | LOGAN, STANLEY & MARJORIE | 150 ESTRADA REDONDA | T18N R 9E S32 11.65 AC, LOT 89 LA TIERRA PHASE 3 | COUNTY PLAT | 408034 | 3956504 | 18N.09E.32.133 | DOM | 3 | 9/10/1997 | 700 | 550.0 | 150.0 | 2.5 | 147.5 | 98 | 5.5 | 144.5 | 96 | 6785 | BMP | |
| RG-68712 | DENNIS & MARLYS WHITE, | | | WHITE, MARLYS RUTH | 48 E ESTRADA CALABASA | LOT 54 LA TIERRA PHASE 2, T18N R 9E S31 10.134 AC | COUNTY PLAT | 407365 | 3955733 | 18N.09E.31.434 | DOM | 3 | 4/10/1998 | 740 | 520.0 | 220.0 | 4.4 | 215.6 | 98 | 8.1 | 211.9 | 96 | 6674 | BMP | |
| RG-69121 | GREGORY SWENDSEN, | | | BELL, SUSAN H | 185 CALLE JOSEPHINA | T18N R 9E S19 12.50 AC, TR A-1 | COUNTY PLAT | 406438 | 3959936 | 18N.09E.19.131 | DOM | 3 | 6/8/1998 | 760 | 404.0 | 356.0 | 3.3 | 352.7 | 99 | 7.3 | 348.7 | 98 | 6551 | BMP | |
| RG-69782 | RICHARD & HELEN WOLFORD, | Richard and Helen Wolford | | | 103 Chisholm Trail | Lot 37 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 404106 | 3955085 | 17N.08E.2.233 | MUL | 3 | 6/13/1998 | 785 | 572.0 | 213.0 | 16.0 | 197.0 | 92 | 20.8 | 192.2 | 90 | 6569 | BMP | |
| RG-70634 | STEPHEN KIRSCHENBAUM, | | Hacienda del Cerezo HDC2 | HACIENDA DEL CEREZO LTD | | T18N R 9E S 1 NW4-SW4-S2, SW4-, N2-NW4 & LOT 6, T18N R 9E S18 217.113 AC, | COUNTY PLAT | 406851 | 3960801 | 18N.09E.18.341 | DOM | 3 | 2/24/1999 | 800 | 426.0 | 374.0 | 3.3 | 370.7 | 99 | 7.3 | 366.7 | 98 | 6587 | BMP | |
| RG-71056 | SUSAN B. HADLEY, | | | VELTMANN, JOSEPH R JR | TANO RD | T17N R 9E S 5 5.02 AC LOT 1A, | COUNTY PLAT | 409408 | 3954304 | 17N.09E.5.442 | MUL | 3 | 12/15/1998 | 923 | 660.0 | 263.0 | 1.3 | 261.7 | 100 | 3.0 | 260.0 | 99 | | BMP | |
| RG-71298 | FRANK P.L. AND LYNNE S. MINAR, | Frank and Lynne Minard | | MINARD, FRANK P L & LYNNE S | 161 HEADQUARTERS TRL | LOT 70 LA TIERRA NUEVA, T17N R 8E S36 24.159 AC | COUNTY PLAT | 405074 | 3955773 | 18N.08E.36.334 | DOM | 3 | 11/22/1993 | 700 | 580.0 | 120.0 | 8.1 | 111.9 | 93 | 12.6 | 107.4 | 90 | 6558 | BMP | |
| RG-71558 | GAIL & PATRICK CASEY, | | | FARLEY, TERRANCE C & JOAN C | 23 VUELTA YUCCA | T18N R 9E S32 12.75 AC, LOT 81 LA TIERRA PHASE 3 | COUNTY PLAT | 408429 | 3955921 | 18N.09E.32.341 | DOM | 3 | 6/11/1999 | 800 | 515.0 | 285.0 | 2.5 | 282.5 | 99 | 5.3 | 279.7 | 98 | 6781 | BMP | |
| RG-71583 | JOYCE LIBUTTI, | | | HARRIS, JOHN G & M CHRISTINE | 13 PASEO DEL PAJARO | T17N R 9E S 5 8.510 AC, TRACT B-3-D | COUNTY PLAT | 408803 | 3954513 | 17N.09E.5.413 | MUL | 3 | 3/17/1999 | 853 | 440.0 | 413.0 | 2.1 | 410.9 | 99 | 4.5 | 408.5 | 99 | 6857 | BMP | |
| RG-71688 | STEPHEN A. GIBSON, | | | GARCIA, ANGEL E & | 71 BLUESTEM DR | T17N R 9E S 8 2.052 AC, LOT 7 COLINAS VERDES | COUNTY PLAT | 408702 | 3953859 | 17N.09E.8.21 | DOM | 3 | 3/28/1999 | 851 | 645.0 | 206.0 | 2.1 | 203.9 | 99 | 4.5 | 201.5 | 98 | | BMP | |
| RG-71728 | WILLIAM BUCHANAN, | William Buchanan and Ellen Walton | | | 135 Chisholm Trail | Lot 43 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 403821 | 3954959 | 17N.08E.2.141 | DOM | 3 | 4/21/1999 | 750 | 485.0 | 265.0 | 16.0 | 249.0 | 94 | 20.8 | 244.2 | 92 | 6526 | BMP | |
| RG-71748 | KING BROTHERS RANCH, | | Rancho de los Ninos Expl | GONZALES, GEORGE A & CELINE V | 57 CALLE HACIENDA | LOT 14 RANCHO DE LOS NINOS SD, T17N R 8E S23 2.500 AC | COUNTY PLAT | 403911 | 3950729 | 17N.08E.23.21 | | 0 | 4/13/1999 | 854 | 407.8 | 446.2 | 2.5 | 443.7 | 99 | 5.1 | 441.1 | 99 | 6575 | BMP | |
| RG-71811 | MICHAEL & LEE MORE, | | | MORE, J MICHAEL & LEE | 52 E ESTRADA CALABASA | LOT 55 LA TIERRA PHASE 2, T18N R 9E S31 10.438 AC | COUNTY PLAT | 407503 | 3955730 | 18N.09E.31.434 | DOM | 3 | 5/4/1999 | 760 | 465.0 | 295.0 | 2.5 | 292.5 | 99 | 5.3 | 289.7 | 98 | 6674 | BMP | |
| RG-72263 | JON WOLFE, | | | | | | | 407827 | 3958118 | 18N.09E.30.244 | DOM | 3 | 7/31/1999 | 820 | 690.0 | 130.0 | 2.3 | 127.7 | 98 | 5.4 | 124.6 | 96 | 6615 | BMP | |
| RG-72292 | GEORGE GOZIGIAN, | | | GOZIGIAN, GEORGE & JEANNE T | 30 E ESTRADA CALABASA | LOT 52 LA TIERRA PHASE 2, T18N R 9E S31 10.180 AC | COUNTY PLAT | 407022 | 3955736 | 18N.09E.31.344 | DOM | 3 | 6/30/1999 | 750 | 610.0 | 140.0 | 4.4 | 135.6 | 97 | 8.1 | 131.9 | 94 | 6649 | BMP | |
| RG-72317 | KING BROTHERS RANCH, | | | GALLEGOS, FRANK & ELIZABETH | 16 VIA DE ESTRELLAS | T17N R8E S23 2.500 AC, TRACT 4B-4B1 | COUNTY PLAT | 403214 | 3949828 | 17N.08E.23.31 | | 3 | 9/28/1999 | 802 | 244.0 | 558.0 | 2.5 | 555.5 | 100 | 5.1 | 552.9 | 99 | 6526 | BMP | |
| RG-72349 | GERALD AND KATHLEEN PETERS, | | Wilderness Estates | WILDERNESS ESTATES DEVELOPMENT | | T17N R 8E S24 40.00 AC, NW1/4 SE1/4 | COUNTY PLAT | 405489 | 3949905 | 17N.08E.24.411 | DOM | 3 | 7/18/1999 | 740 | 404.2 | 335.8 | 2.1 | 333.7 | 99 | 4.4 | 331.4 | 99 | 6614 | BMP | |
| RG-72551 | TOBY LOVATO, | | | | | | | 408275 | 3951460 | 17N.09E.17.143 | DOM | 3 | 11/26/1999 | 660 | 255.0 | 405.0 | 1.6 | 403.4 | 100 | 3.5 | 401.5 | 99 | | BMP | |
| RG-72697 | PHILIP & BERNADETTE WIEGEL, | | | DAVIDSON, KENNETH J | 157 VUELTA MARIA | LOT 31 LAS DOS PHASE 1, T18N R 9E S29 11.048 AC | COUNTY PLAT | 408249 | 3958113 | 18N.09E.29.134 | DOM | 3 | 10/16/1999 | 780 | 400.0 | 380.0 | 2.3 | 377.7 | 99 | 5.4 | 374.6 | 99 | 6683 | BMP | |
| RG-72765 | MARIE A DUPREE, | | | WYSS, A WALTER | | T17N R 9E S 5 5.19 AC TR B2C, | COUNTY PLAT | 408903 | 3954208 | 17N.09E.5.43 | DOM | 3 | 2/20/2001 | 1000 | 660.0 | 340.0 | 2.1 | 337.9 | 99 | 4.5 | 335.5 | 99 | 6918 | BMP | |
| RG-72864 | FRANK GALLEGOS, | | | GALLEGOS, FRANK & ELIZABETH | 16 VIA DE ESTRELLAS | T17N R8E S23 2.500 AC, TRACT 4B-4B1 | COUNTY PLAT | 403214 | 3949828 | 17N.08E.23.31 | DOM | 3 | 11/16/1999 | 600 | 396.0 | 204.0 | 2.5 | 201.5 | 99 | 5.1 | 198.9 | 97 | 6526 | BMP | |
| RG-72865 | ANDREW & LUCINDA LEYBA, | | | SISNEROS, DIEGO J & DORIN K | 6 CAMINO DE REY CIR | T17N R 8E S23 & 26 2.500 AC, TRACT 4C-3 | COUNTY PLAT | 403151 | 3949549 | 17N.08E.23.31 | DOM | 3 | 9/30/1999 | 800 | 244.0 | 556.0 | 1.5 | 554.5 | 100 | 3.4 | 552.6 | 99 | 6498 | BMP | |
| RG-72866 | RICHARD AND STEPHNIE PATTERSON, Leyba | | 600 | LEYBA, ANDREW M & LUCINDA M | 7 CAMINO DE REY CIR | T17N R 8E S23 & 26 2.5104 AC, LOT 2 | COUNTY PLAT | 403236 | 3949568 | 17N.08E.23.313 | DOM | 3 | 4/16/2001 | 600 | 33.0 | 567.0 | 1.5 | 565.5 | 100 | 3.4 | 563.6 | 99 | 6522 | BMP | |

# Appendix C. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| NMOSE Well ID | Well Owner(s) listed in NMOSE Database | Confirmed Well Owner | Other Well Names | Parcel Owner Listed in County Parcel Database | Street Address | Lot Description | Address Source | UTM Easting, m, NAD83 | UTM Northing, m, NAD83 | NMOSE T.R.Sec.qqq | Use | Diver -sion, ac-ft/yr | Drilling Date | Well Depth, ft | Depth to Water, ft | Starting Water Column, ft | Model-Simulated 10-Yr Drawdown, ft | Water Column After 10 Years, ft | Percent Water Column Remaining After 10 Years | Model-Simulated 40-Yr Drawdown, ft | Water Column After 40 Years, ft | Percent Water Column Remaining After 40 Years | Land Surface Elevation, ft amsl | Moni-toring Area | Other IDs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-73539 | ANTHONY MARK, | | | TRUJILLO, RICARDO & | 10 CAMINO LADERA | T17N R 9E S 5 2.523 AC, LOT 2-C-1 | COUNTY PLAT | 409409 | 3955317 | 17N.09E.5.224 | DOM | 3 | 10/7/2000 | 820 | 527.0 | 293.0 | 1.5 | 291.5 | 99 | 3.5 | 289.5 | 99 | 6846 | BMP | |
| RG-73694 | RICHARD ROGERS, | | | DIBACHI, FARZAD TRUSTEE | 33 CAMINO MONTUOSO | LOT 75 LA TIERRA PHASE 2, T18N R 9E S31 50.169 AC | COUNTY PLAT | 407630 | 3957111 | 18N.09E.31.221 | DOM | 3 | 6/28/2000 | 780 | 485.0 | 295.0 | 2.5 | 292.5 | 99 | 5.5 | 289.5 | 98 | 6694 | BMP | |
| RG-74635 | MARIA CRISTINA KENNEY, | | | KENNEY GRANDCHILDRENS | 50 CALLE ADELINA | T18N R 9E S30 21.056 AC, TR D | COUNTY PLAT | 406823 | 3958125 | 18N.09E.30.143 | DOM | 3 | 3/8/2003 | 780 | 452.0 | 328.0 | 3.8 | 324.2 | 99 | 7.9 | 320.1 | 98 | 6575 | BMP | |
| RG-74646 | MARTIN LUJAN, | | | KING BROTHERS RANCH | KING BROTHERS RANCH | T17N R8E S23 77.187 AC, TRACT 3 | COUNTY PLAT | 403118 | 3950329 | 17N.08E.23.131 | MUL | 3 | 9/2/2000 | 600 | 400.0 | 200.0 | 2.5 | 197.5 | 99 | 5.1 | 194.9 | 97 | 6519 | BMP | |
| RG-74740 | GLENN G ROYBAL, | | | MARES, ANTHONY & MERRILYN | 11 AVENIDA DE MERCEDES | T17N R8E S23 2.520 AC, TRACT A-3 | COUNTY PLAT | 403109 | 3949325 | 17N.08E.23.333 | | 0 | 9/26/2000 | 600 | 347.0 | 253.0 | 1.5 | 251.5 | 99 | 3.4 | 249.6 | 99 | 6486 | BMP | |
| RG-74741 | GLENN G ROYBAL, | | | COKER, ROBERT & BARBARA COHEN | 3 AVENIDA DE MERCEDES | T17N R8E S23 2.520 AC, TRACT A-1 | COUNTY PLAT | 403117 | 3949436 | 17N.08E.23.331 | | 0 | 9/21/2000 | 700 | 284.8 | 415.2 | 1.5 | 413.7 | 100 | 3.4 | 411.8 | 99 | 6502 | BMP | |
| RG-74811 | ELIZABETH GLASCOCK, | Frank Carter and Toquaiah Jackson | | CARTER, FRANK C & TOQUAIAH | 180 CHISHOLM TRL | LOT 50 LA TIERRA NUEVA, T17N R 8E S 2 14.846 AC | COUNTY PLAT | 403610 | 3955520 | 17N.08E.2.111 | DOM | 3 | 1/8/2001 | 860 | 427.0 | 433.0 | 16.0 | 417.0 | 96 | 20.8 | 412.2 | 95 | 6522 | BMP | |
| RG-74926 | DEBORAH K. ROMERO, Borrego | | Borrego | GONZALES, PATRICIO M & | 5 CALLE QUERIDO | LOT 19 RANCHO DE LOS NINOS SD, T17N R 8E S23 2.500 AC | COUNTY PLAT | 403984 | 3950389 | 17N.08E.23.232 | MUL | 3 | 12/8/2000 | 700 | 387.0 | 313.0 | 2.5 | 310.5 | 99 | 5.1 | 307.9 | 98 | 6566 | BMP | |
| RG-75059 | RONALD SCHNEIDER, | | | BOYD, BRIAN | 7 CAMINO MONTUOSO | LOT 18 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 407233 | 3957115 | 18N.09E.31.211 | DOM | 3 | 5/3/2001 | 820 | 572.0 | 248.0 | 4.4 | 243.6 | 98 | 8.4 | 239.6 | 97 | 6627 | BMP | |
| RG-75069 | KENDERDINE CONSTRUCTION | Seymour Grufferman and Sue Kimm | | | 14 Brahma Lane | Lot 57 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 404659 | 3954875 | | | 0 | 10/4/2001 | 735 | 500.0 | 235.0 | 8.1 | 226.9 | 97 | 12.6 | 222.4 | 95 | | BMP | |
| RG-75084 | RICHARD A. GALAZ, | | | GALAZ, RICHARD A & MICHELLE Y | 83 PASEO DE ESTRELLAS | LOT 7 RANCHO DE LOS NINOS SD, T17N R 8E S23 2.500 AC | COUNTY PLAT | 404179 | 3950298 | 17N.08E.23.232 | MUL | 3 | 12/4/2000 | 700 | 390.0 | 310.0 | 2.5 | 307.5 | 99 | 5.1 | 304.9 | 98 | 6536 | BMP | |
| RG-75096 | TERRANCE C FARLEY, | | | FARLEY, TERRANCE C & JOAN C | 23 VUELTA YUCCA | T18N R 9E S32 12.75 AC, LOT 81 LA TIERRA PHASE 3 | COUNTY PLAT | 408429 | 3955721 | 18N.09E.32.343 | DOM | 3 | 3/23/2001 | 780 | 520.0 | 260.0 | 2.5 | 257.5 | 99 | 5.3 | 254.7 | 98 | 6808 | BMP | |
| RG-75172 | RICHARD C STERTZ, | | | HUNTER, MICHAEL L & LORI A | 22 PASEO DEL VENADO | T17N R 9E S 9 5.010 AC, LOT 4 TR A | COUNTY PLAT | 409100 | 3953485 | 17N.09E.8.223 | MUL | 3 | 2/2/2001 | 820 | 609.0 | 211.0 | 1.3 | 209.7 | 99 | 3.0 | 208.0 | 99 | | BMP | |
| RG-75191 | GILDA GLASSCOCK WILSON, | | | | | | | 406586 | 3955145 | 17N.09E.6.132 | MUL | 3 | 2/13/2001 | 760 | 492.0 | 268.0 | 4.4 | 263.6 | 98 | 8.1 | 259.9 | 97 | 6620 | BMP | |
| RG-75232 POD1 | SUSAN SEIFERT, | | | SKY LIMIT LLC | | T17N R 8E S23 4.780 AC, PARCEL B | COUNTY PLAT | 403565 | 3950078 | 17N.08E.23.143 | MUL | 3 | 9/30/2002 | 700 | 364.0 | 336.0 | 2.5 | 333.5 | 99 | 5.1 | 330.9 | 98 | | BMP | |
| RG-75233 POD1 | MICHAEL G MELLOS, APPR | | | MELLOS, MICHAEL G & CAROLYN O | 10 HACIENDA CT | LOT 22 LA VILLA ESCONDIDA, T17N R 8E S23 3.140 AC | COUNTY PLAT | 403798 | 3950154 | 17N.08E.23.144 | MUL | 3 | 5/8/2001 | 700 | 375.0 | 325.0 | 2.5 | 322.5 | 99 | 5.1 | 319.9 | 98 | | BMP | |
| RG-75234 POD1 | MELISSA PESSARRA, APPR | | | STANFORD, ANTHONY & LORRAINE | 6 HACIENDA CT | LOT 23 LA VILLA ESCONDIDA, T17N R 8E S23 3.090 AC | COUNTY PLAT | 403701 | 3950128 | 17N.08E.23.143 | MUL | 3 | 11/11/2001 | 700 | 381.0 | 319.0 | 2.5 | 316.5 | 99 | 5.1 | 313.9 | 98 | | BMP | |
| RG-75236 | CAJA DEL RIO, LLC, | | | BORREGO, ROBERT R & DEBORAH K | 2 CALLE CURIOSO | LOT 17 RANCHO DE LOS NINOS SD, T17N R 8E S23 2.500 AC | COUNTY PLAT | 404120 | 3950320 | 17N.08E.23.232 | | 0 | 3/10/2001 | 700 | 387.0 | 313.0 | 2.5 | 310.5 | 99 | 5.1 | 307.9 | 98 | 6536 | BMP | |
| RG-75454 POD1 | ALFRED LOPEZ, VALERIE LOPEZ | | | STANFORD, ANTHONY & LORRAINE | 6 HACIENDA CT | LOT 23 LA VILLA ESCONDIDA, T17N R 8E S23 3.090 AC | COUNTY PLAT | 403650 | 3950173 | 17N.09E.17.113 | MUL | 3 | 3/6/2001 | 700 | 378.0 | 322.0 | 2.5 | 319.5 | 99 | 5.1 | 316.9 | 98 | | BMP | |
| RG-75455 POD1 | GEORGE M COHEN, | | | BOB DIJANNI CUSTOM HOMES, INC | 11 CALLE HACIENDA | L0T 3 LA VILLA ESCONDIDA, T17N R 8E S23 3.370 AC | COUNTY PLAT | 403523 | 3950282 | 17N.09E.17.112 | MUL | 3 | 11/16/2001 | 700 | 391.0 | 309.0 | 2.5 | 306.5 | 99 | 5.1 | 303.9 | 98 | | BMP | |
| RG-75456 | SKYLIMIT LLC, | | Rancho de los Ninos | COHEN, GEORGE M & LINDA S | 38 CALLE HACIENDA | LOT 12 LA VILLA ESCONDIDA, T17N R 8E S23 2.750 AC | COUNTY PLAT | 403696 | 3950710 | 17N.09E.17.114 | | 0 | 7/18/2001 | 700 | 294.7 | 405.3 | 2.5 | 402.8 | 99 | 5.1 | 400.2 | 99 | 6564 | BMP | |
| RG-75553 | CHAD SNOW, | | | SNOW, CHAD & RENAE | 19 S VUELTA HERRADURA | T18N R 9E S32 14.49 AC, LOT 113 LA TIERRA PHASE 3 | COUNTY PLAT | 409031 | 3955722 | 18N.09E.32.434 | DOM | 3 | 4/25/2001 | 820 | 584.0 | 236.0 | 2.5 | 233.5 | 99 | 5.3 | 230.7 | 98 | 6907 | BMP | |
| RG-75566 | JAMES G. BATTERMANN, APPR | | | MONTOYA, MELISSA J | | T17N R 9E S 5 5.05 AC, TR B-4-C | COUNTY PLAT | 409003 | 3954713 | 17N.09E.5.412 | MUL | 3 | 3/8/2002 | 800 | 650.0 | 150.0 | 2.5 | 147.5 | 98 | 5.3 | 144.7 | 96 | 6863 | BMP | |
| RG-75570 | GLENN CONROY, | | | HACIENDA DEL CEREZO LTD | | T18N R 9E S19 & 18 23.086 AC, 9OT 3 | COUNTY PLAT | 407044 | 3960134 | 18N.09E.19.124 | DOM | 3 | 3/12/2001 | 760 | 422.0 | 338.0 | 3.3 | 334.7 | 99 | 7.3 | 330.7 | 98 | 6531 | BMP | |
| RG-75956 | MICHAEL W. & MARCIA YOUNG, | | | MEAD, WALTER L JR & EMILY C | 57 CALLE ADELINA | LOT B-3 45.458 AC, T18N R 9E S30 | COUNTY PLAT | 406616 | 3957728 | 18N.09E.30.314 | DOM | 3 | 7/17/2001 | 800 | 419.0 | 381.0 | 4.4 | 376.6 | 99 | 8.4 | 372.6 | 98 | 6572 | BMP | |
| RG-76065 | GREG STRATTON, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407992 | 3954926 | 17N.09E.5.133 | MUL | 3 | 8/3/2001 | 800 | 522.0 | 278.0 | 2.5 | 275.5 | 99 | 5.3 | 272.7 | 98 | 6761 | BMP | |
| RG-76305 | JOHN G HARRIS, | | | COIMBRA, CLIF & CHARAINE | 3 LAS KATRINAS RD | T17N R 9E S 5 2.510 AC, TRACT 1D LOT 1 | COUNTY PLAT | 409408 | 3954915 | 17N.09E.5.244 | DOM | 3 | 10/18/2001 | 880 | 352.0 | 528.0 | 1.5 | 526.5 | 100 | 3.5 | 524.5 | 99 | | BMP | |
| RG-76696 | DONALD L & BARBARA E SHIRES, | | | GALLEGOS, FRANK & ELIZABETH | 16 VIA DE ESTRELLAS | T17N R8E S23 & 26 5.993 AC, TRACT 4B-4B2 | COUNTY PLAT | 403313 | 3949727 | 17N.08E.23.314 | MUL | 3 | 11/20/2001 | 560 | 395.0 | 165.0 | 1.5 | 163.5 | 99 | 3.4 | 161.6 | 98 | 6519 | BMP | |
| RG-77195 | GERALD A. BECKER, | | | DIBACHI, FARZAD TRUSTEE | 33 CAMINO MONTUOSO | LOT 75 LA TIERRA PHASE 2, T18N R 9E S31 50.169 AC | COUNTY PLAT | 407630 | 3956911 | 18N.09E.31.223 | DOM | 3 | 7/12/2002 | 805 | 465.0 | 340.0 | 2.5 | 337.5 | 99 | 5.5 | 334.5 | 98 | 6756 | BMP | |
| RG-77258 | THERESA MARTINEZ, | | | | | | | 408250 | 3951460 | 17N.09E.17.134 | DOM | 3 | 5/15/2004 | 700 | 600.0 | 100.0 | 1.6 | 98.4 | 98 | 3.5 | 96.5 | 96 | | BMP | |

# Appendix C. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| NMOSE Well ID | Well Owner(s) listed in NMOSE Database | Confirmed Well Owner | Other Well Names | Parcel Owner Listed in County Parcel Database | Street Address | Lot Description | Address Source | UTM Easting, m, NAD83 | UTM Northing, m, NAD83 | NMOSE T.R.Sec.qqq | Use | Diver -sion, ac-ft/yr | Drilling Date | Well Depth, ft | Depth to Water, ft | Starting Water Column, ft | Model-Simulated 10-Yr Drawdown, ft | Water Column After 10 Years, ft | Percent Water Column Remaining After 10 Years | Model-Simulated 40-Yr Drawdown, ft | Water Column After 40 Years, ft | Percent Water Column Remaining After 40 Years | Land Surface Elevation, ft amsl | Moni-toring Area | Other IDs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-77426 | RICHARD B MCCURDY, | | | MCCURDY, RICHARD B TRUSTEE | 60 E ESTRADA CALABASA | LOT 57 LA TIERRA S/D PH 2, T18N R 9E S31 10.992 AC | COUNTY PLAT | 407825 | 3955729 | 18N.09E.31.444 | | 3 | 4/24/2002 | 800 | 508.0 | 292.0 | 2.5 | 289.5 | 99 | 5.3 | 286.7 | 98 | 6727 | BMP | |
| RG-77553 | CAROL METCHICK, | Robert Metchick | Shared Well 2 | | 11 Sundance Drive | Block 1/Lot 12, Sundance Estates | John Miles Smith, 6/19/08 email | 410418 | 3955100 | 17N.09E.4.231 | MUL | 3 | 5/10/2002 | 900 | 505.0 | 395.0 | 1.5 | 393.5 | 100 | 3.5 | 391.5 | 99 | 6972 | TR | |
| RG-77563 | MANANA LLC, | | | BRILLIANT, B KAY | 41 CAMINO HASTA MANANA | T17N R 9E S 5 2.530 AC, LOT 1-B, TRACT A, | COUNTY PLAT | 409408 | 3955115 | 17N.09E.5.242 | | 0 | 8/30/2002 | 800 | 380.0 | 420.0 | 1.5 | 418.5 | 100 | 3.5 | 416.5 | 99 | 6881 | BMP | |
| RG-77758 | LETITIA A KRAKOWSKI, | | | MOTT, JOHN B & LETITIA A | 24 VISTA CALABASAS | T17N R 9E S18 5.030 AC NW4, W/IN | COUNTY PLAT | 406675 | 3952247 | 17N.09E.18.121 | DOM | 3 | 3/7/2003 | 800 | 224.0 | 576.0 | 2.4 | 573.6 | 100 | 4.9 | 571.1 | 99 | | BMP | |
| RG-77820 | MARY LYNN OLIVER | William L. Oliver, Jr., and Mary Lynn Oliver | | OLIVER, WILLIAM L & MARY LYNN | 36 Headquarters Trail | LOT 17 LA TIERRA NUEVA, T17N R 8E S 1 11.0904 AC | COUNTY PLAT, 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 405664 | 3954590 | | DOM | 3 | 2/14/2003 | 780 | 456.0 | 324.0 | 5.6 | 318.4 | 98 | 9.5 | 314.5 | 97 | | BMP | |
| RG-77912 | VICTOR BALLAS, | | | CONROY, GLENN C & JANE E | 166 CALLE JOSEPHINA | T18N R 9E S19 12.50 AC, TR B-1 | COUNTY PLAT | 407040 | 3959933 | 18N.09E.19.142 | | 0 | 10/16/2002 | 800 | 380.0 | 420.0 | 3.3 | 416.7 | 99 | 7.3 | 412.7 | 98 | 6542 | BMP | |
| RG-78027 | ADRIAN & KRISTIN GRIGGS, | Adrian Griggs and Kristin Martinez | | | 56 Goodnight Trail | Lot 10 La Tierra Nueva | 9/2/04 Charles Harrison submittal to Louis O'Dell, NMOSE | 406232 | 3954594 | 17N.08E.1.241 | DOM | 3 | 1/3/2003 | 720 | 492.0 | 228.0 | 3.4 | 224.6 | 98 | 6.6 | 221.4 | 97 | 6614 | BMP | |
| RG-78304 | MONTOYA GRANDCHILDREN'S TRUST, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 408192 | 3954926 | 17N.09E.5.134 | | 3 | 9/15/2004 | 840 | 448.0 | 392.0 | 2.5 | 389.5 | 99 | 5.3 | 386.7 | 99 | 6798 | BMP | |
| RG-78324 | PATRICIA JOHNSTON, | | | FRANK YARDMAN CONSTRUCTION | 110 PASEO DEL CONEJO | T17N R 9E S 5 2.50 AC, TR B-1-A LOT 3-B | COUNTY PLAT | 407976 | 3955044 | 17N.09E.5.133 | DOM | 3 | 9/20/2004 | 840 | 462.0 | 378.0 | 2.5 | 375.5 | 99 | 5.3 | 372.7 | 99 | 6761 | BMP | |
| RG-78325 | MONTOYA GRANDCHILDREN'S TRUST, | | | ROUNSVILLE, WILLIAM J | 28 CONEJO TRL | T17N R 9E S5 6.70 AC, LOT 2 | COUNTY PLAT | 408690 | 3955091 | 17N.09E.5.142 | | 3 | 12/30/2002 | 900 | 535.0 | 365.0 | 2.5 | 362.5 | 99 | 5.3 | 359.7 | 99 | | BMP | |
| RG-78339 | RUBEN ARCHULETA, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407982 | 3954124 | 17N.09E.5.333 | DOM | 3 | 1/8/2003 | 840 | 582.0 | 258.0 | 2.1 | 255.9 | 99 | 4.5 | 253.5 | 98 | 6818 | BMP | |
| RG-78343 | RUBEN ARCHULETA, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407982 | 3954124 | 17N.09E.5.333 | DOM | 3 | 9/13/2004 | 840 | 438.0 | 402.0 | 2.1 | 399.9 | 99 | 4.5 | 397.5 | 99 | 6818 | BMP | |
| RG-78347 | RICHARD A MONTOYA, | | | HUNTER, MICHAEL L & LORI A | 22 PASEO DEL VENADO | T17N R 9E S 9 5.010 AC, LOT 4 TR A | COUNTY PLAT | 409100 | 3953485 | 17N.09E.8.223 | | 3 | 11/29/2002 | 800 | 520.0 | 280.0 | 1.3 | 278.7 | 100 | 3.0 | 277.0 | 99 | | BMP | |
| RG-78348 | RUBEN ARCHULETA, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407982 | 3954124 | 17N.09E.5.333 | DOM | 3 | 10/11/2004 | 840 | 473.0 | 367.0 | 2.1 | 364.9 | 99 | 4.5 | 362.5 | 99 | 6818 | BMP | |
| RG-78354 | RUBEN ARCHULETA, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407982 | 3954124 | 17N.09E.5.333 | DOM | 3 | 12/30/2002 | 900 | 535.0 | 365.0 | 2.1 | 362.9 | 99 | 4.5 | 360.5 | 99 | 6818 | BMP | |
| RG-78355 | RUBEN ARCHULETA, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407982 | 3954124 | 17N.09E.5.333 | DOM | 3 | 9/24/2003 | 840 | 488.0 | 352.0 | 2.1 | 349.9 | 99 | 4.5 | 347.5 | 99 | 6818 | BMP | |
| RG-78415 | TIERRA ENTERPRISES LLC, | | | LARKIN, ROBERT J & BARBARA E | 12 INDIGO CT | LOT 8 LA VIDA S/D 3.044 AC, T17N R 9E S19 | COUNTY PLAT | 407433 | 3950236 | 17N.09E.19.214 | | 0 | 7/3/2003 | 663 | 486.0 | 177.0 | 1.6 | 175.4 | 99 | 3.5 | 173.5 | 98 | | BMP | |
| RG-78419 | MICHAEL MAC CORQUODALE, | | | MOREAU, JOAN M | 19 W ESTRADA CALABASA | LOT 31 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 406399 | 3956121 | 18N.09E.31.313 | MUL | 3 | 6/20/2003 | 820 | 478.0 | 342.0 | 4.4 | 337.6 | 99 | 8.1 | 333.9 | 98 | 6692 | BMP | |
| RG-78879 | CAROLE D PULLO, | | | PULLO, CAROLE D | 6 PASEO DEL PALOMA | T17N R 9E S 5 2.590 AC, TRACT B-1-D, LOT 1, | COUNTY PLAT | 409038 | 3954118 | 17N.09E.5.433 | MUL | 3 | 7/15/2005 | 780 | 575.0 | 205.0 | 2.1 | 202.9 | 99 | 4.5 | 200.5 | 98 | 6888 | BMP | |
| RG-78889 | STEPHEN ETRE, | | | WILLIAMS, MARK R & ORLY V | 10 SIERRA LAVANDA | T17N R 9E S19 LOT 4-A-4 2.5AC, | COUNTY PLAT | 407027 | 3949809 | 17N.09E.19.322 | MUL | 3 | 1/10/2003 | 760 | 423.0 | 337.0 | 1.0 | 336.0 | 100 | 2.5 | 334.5 | 99 | | BMP | |
| RG-78962 | ROD HONSTEIN, | | | HONSTEIN, RODERICK N & ANNE W | 46 PASEO DEL PAISANO | T17N R 9E S 5 5.06 AC TR B2B, | COUNTY PLAT | 408925 | 3954349 | 17N.09E.5.431 | DOM | 3 | 4/5/2003 | 800 | 571.0 | 229.0 | 2.1 | 226.9 | 99 | 4.5 | 224.5 | 98 | 6871 | BMP | |
| RG-79460 | WALLACE WHITE JR, | | | CLIFTON, PERLA | 16 PASEO DEL VENADO | T17N R 8E S 8 5.040 AC, LOT 4 TR B | COUNTY PLAT | 409269 | 3953509 | | MUL | 3 | 3/20/2003 | 800 | 486.0 | 314.0 | 1.3 | 312.7 | 100 | 3.0 | 311.0 | 99 | | BMP | |
| RG-79509 | PAUL SCHMIDT, | | | | | Lot 41, La Tierra | | 406889 | 3954249 | 17N.09E.6.342 | | 0 | 4/8/2003 | 800 | 456.0 | 344.0 | 3.4 | 340.6 | 99 | 6.6 | 337.4 | 98 | 6745 | BMP | |
| RG-79511 | ELISE W SCHMIDT, | | | WHELESS, ELISE | 37 VUELTA TOMAS | LOT 46 LA TIERRA PHASE 2, T17N R 9E S 6 11.890 AC | COUNTY PLAT | 406517 | 3954287 | 17N.09E.6.331 | | 0 | 4/21/2003 | 800 | 442.0 | 358.0 | 3.4 | 354.6 | 99 | 6.6 | 351.4 | 98 | 6687 | BMP | |
| RG-79512 | ELISE W SCHMIDT, | | | SCHMIDT, ELISE WHELESS & PAUL | 20 VUELTA SABIO | LOT 48 LA TIERRA PHASE 2, T17N R 9E S 6 14.815 AC | COUNTY PLAT | 406749 | 3954427 | 17N.09E.6.312 | | 0 | 4/14/2003 | 800 | 462.0 | 338.0 | 3.4 | 334.6 | 99 | 6.6 | 331.4 | 98 | 6718 | BMP | |
| RG-79548 | CAROL A JOHNSON, | | | BALANCE POINT ENTERPRISES | 16 PASEO DEL CONEJO | T17N R 9E S 5, TR B-1-A2, 2.67 AC, | COUNTY PLAT | 408802 | 3954107 | 17N.09E.5.433 | | 3 | 2/21/2003 | 840 | 466.0 | 374.0 | 2.1 | 371.9 | 99 | 4.5 | 369.5 | 99 | 6888 | BMP | |
| RG-79574 | JAMES NICKELL, | | | STEWART TITLE GUARANTY CO | 2 ESCOPETA CT | T17N R 9E S19 2.511 AC, LOT H-2 | COUNTY PLAT | 407437 | 3950606 | 17N.09E.19.212 | MUL | 3 | 5/19/2003 | 660 | 474.0 | 186.0 | 1.6 | 184.4 | 99 | 3.5 | 182.5 | 98 | | BMP | |
| RG-79603 | CLINTON HORN, | | | WEATHERFORD, JANICE L & | 60 TIERRA GRANDE | T17N R 9E S19 2.450 AC, LOT 15 TIERRA GRANDE S/D | COUNTY PLAT | 406897 | 3949478 | 17N.09E.19.321 | MUL | 3 | 3/14/2003 | 665 | 460.0 | 205.0 | 1.0 | 204.0 | 100 | 2.5 | 202.5 | 99 | | BMP | |
| RG-80255 | JONATHAN BEAMER, | | | BEAMER, JONATHAN & FRAN SALKIN | | T17N R 9E S18 LOT 3-A 5.0 AC, | COUNTY PLAT | 406983 | 3951951 | 17N.09E.18.142 | DOM | 3 | 11/15/2004 | 800 | 455.0 | 345.0 | 2.4 | 342.6 | 99 | 4.9 | 340.1 | 99 | 6670 | BMP | |
| RG-80390 | ABBIE BEN CORRIZ, | | | CORRIZ, ABBIE BEN | 4654 SAN YSIDRO PL | T17N R 9E S32 2.50 AC, TR 8-A2 | COUNTY PLAT | 408153 | 3947295 | 17N.08E.23.144 | MUL | 3 | 7/14/2003 | 560 | 382.0 | 178.0 | 0.5 | 177.5 | 100 | 1.4 | 176.6 | 99 | 6539 | BMP | |
| RG-80431 | RON SMITH, | | | SUERTE DEL SUR, LLC | 160 LOS SUENOS TRL | T17N R 9E S19 35.00 AC, LOT 2 | COUNTY PLAT | 406629 | 3950214 | 17N.09E.19.132 | MUL | 3 | 7/17/2003 | 560 | 385.0 | 175.0 | 1.6 | 173.4 | 99 | 3.5 | 171.5 | 98 | | BMP | |

# Appendix C. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| NMOSE Well ID | Well Owner(s) listed in NMOSE Database | Confirmed Well Owner | Other Well Names | Parcel Owner Listed in County Parcel Database | Street Address | Lot Description | Address Source | UTM Easting, m, NAD83 | UTM Northing, m, NAD83 | NMOSE T.R.Sec.qqq | Use | Diver -sion, ac-ft/yr | Drilling Date | Well Depth, ft | Depth to Water, ft | Starting Water Column, ft | Model-Simulated 10-Yr Drawdown, ft | Water Column After 10 Years, ft | Percent Water Column Remaining After 10 Years | Model-Simulated 40-Yr Drawdown, ft | Water Column After 40 Years, ft | Percent Water Column Remaining After 40 Years | Land Surface Elevation, ft amsl | Moni-toring Area | Other IDs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-80940 | CYNTHIA FOWLER, | | | HOYT, SUZANNE & LINDA WEIL | 127 W ESTRADA CALABASA | T18N R 8E S36 1074.650 AC N2 &, PORT S2 RANCH & HEADQTRS, LIVESTOCK ON ACCT 970001777, | COUNTY PLAT | 405718 | 3956026 | | DOM | 3 | 10/30/2005 | 692 | 352.0 | 340.0 | 8.1 | 331.9 | 98 | 12.6 | 327.4 | 96 | 6581 | BMP | |
| RG-81036 | GRANT HOLLAND, | | | BALANCE POINT ENTERPRISES | 22 PASEO DEL CONEJO | T17N R 9E S 5, 2.50 AC, TR B-1-A1, | COUNTY PLAT | 408763 | 3954148 | 17N.09E.5.433 | MUL | 3 | 4/2/2004 | 905 | 575.0 | 330.0 | 2.1 | 327.9 | 99 | 4.5 | 325.5 | 99 | 6888 | BMP | |
| RG-81127 | CALLE ALEGRE, | | | | | | | 401299 | 3950384 | | MUL | 3 | 8/13/2004 | 700 | 245.0 | 455.0 | 2.6 | 452.4 | 99 | 5.4 | 449.6 | 99 | 6417 | BMP | |
| RG-81323 | TIERRA DE LA VIDA LLC, | | | TIERRA DE LA VIDA, LLC | 25 SENDERO DE LA VIDA | LOT 14 TIERRA DE LA VIDA, T17N R 9E S19 2.27 AC | COUNTY PLAT | 406990 | 3949876 | 17N.09E.19.322 | MUL | 3 | 6/12/2004 | 760 | 435.0 | 325.0 | 1.6 | 323.4 | 100 | 3.5 | 321.5 | 99 | | BMP | |
| RG-81771 | DEAN PRESTON, | | | WAGGONER, ALAN S & KAREN | 11 PASEO DEL HALCON | T17N R 9E S 5 5.01 AC LOT 1C, | COUNTY PLAT | 409208 | 3954304 | 17N.09E.5.441 | DOM | 3 | 4/16/2004 | 800 | 465.0 | 335.0 | 1.3 | 333.7 | 100 | 3.0 | 332.0 | 99 | 6926 | BMP | |
| RG-81838 | SUZANNE HOYT GARCIA REVOCABLE, | | | HOYT, SUZANNE & LINDA WEIL | 127 W ESTRADA CALABASA | T18N R 8E S36 1074.650 AC N2 &, PORT S2 RANCH & HEADQTRS, LIVESTOCK ON ACCT 970001777, | COUNTY PLAT | 405595 | 3956349 | 18N.08E.36.411 | STK | 3 | 10/8/2004 | 1100 | 550.0 | 550.0 | 7.5 | 542.5 | 99 | 12.5 | 537.5 | 98 | 6516 | BMP | |
| RG-81854 | SUZANNE H GARCIA IRREVOCABLE T, | | | | | | | 401428 | 3961018 | 18N.08E.16.424 | | 3 | 4/17/2004 | 910 | 724.0 | 186.0 | 10.6 | 175.4 | 94 | 17.1 | 168.9 | 91 | 6305 | BMP | |
| RG-81860 | SUZANNE HOYT GARCIA REVOCABLE, | | | HOYT, SUZANNE & LINDA WEIL | 127 W ESTRADA CALABASA | T18N R 8E S36 1074.650 AC N2 &, PORT S2 RANCH & HEADQTRS, LIVESTOCK ON ACCT 970001777, | COUNTY PLAT | 405416 | 3956671 | 18N.08E.36.134 | STK | 3 | 7/31/2004 | 695 | 398.9 | 296.1 | 7.5 | 288.6 | 97 | 12.5 | 283.6 | 96 | 6462 | BMP | |
| RG-81861 | SUZANNE HOYT GARCIA REVOCABLE, | | | HOYT, SUZANNE & LINDA WEIL | 127 W ESTRADA CALABASA | T18N R 8E S36 1074.650 AC N2 &, PORT S2 RANCH & HEADQTRS, LIVESTOCK ON ACCT 970001777, | COUNTY PLAT | 405388 | 3955950 | 18N.08E.36.342 | STK | 3 | 9/29/2004 | 850 | 460.0 | 390.0 | 8.1 | 381.9 | 98 | 12.6 | 377.4 | 97 | 6517 | BMP | |
| RG-82184 | JACQUES CONSTANT, | | New | EBERSOLE, GARY E & KATHY F | CAMINO LOS SUENOS | T17N R 9E S19 2.50 AC, LOT 2-2 NORTHWEST RANCHES S/D, PHASE 1, | COUNTY PLAT | 406339 | 3950675 | 17N.09E.19.321 | MUL | 3 | 5/14/2004 | 900 | 485.0 | 415.0 | 1.6 | 413.4 | 100 | 3.5 | 411.5 | 99 | 6690 | BMP | |
| RG-82337 | JIM MCELROY, | | | STERTZ, RICHARD C | 25 PASEO DEL CONEJO | T17N R 9E S 5 2.880 AC, TR B-2-D LOT 1 | COUNTY PLAT | 408740 | 3954194 | | DOM | 3 | 5/26/2004 | 840 | 432.0 | 408.0 | 2.1 | 405.9 | 99 | 4.5 | 403.5 | 99 | 6903 | BMP | |
| RG-82398 | HYDE PARK ASSOCIATES LLC, | | | LA VIDA DEVELOPMENT CORP | | T17N R 9E S19 3.573 AC, OPEN SPACE LA VIDA S/D | COUNTY PLAT | 407433 | 3950205 | 17N.09E.19.232 | MUL | 3 | 6/28/2004 | 660 | 486.0 | 174.0 | 1.6 | 172.4 | 99 | 3.5 | 170.5 | 98 | | BMP | |
| RG-82635 | FRANK YARDMAN, | | | MARK, ANTHONY | 8 CAMINO LADERA | T17N R 9E S 5 5.056 AC, LOT 2-D | COUNTY PLAT | 409457 | 3955356 | 17N.09E.5.224 | DOM | 3 | 10/8/2004 | 840 | 465.0 | 375.0 | 1.5 | 373.5 | 100 | 3.5 | 371.5 | 99 | 6846 | BMP | |
| RG-83022 | RICHARD BARELA, | | | STERTZ, RICHARD & GINNIE | 17 PASEO DEL VENADO | T17N R 9E S 8 5.00 AC, LOT 1 TR C | COUNTY PLAT | 409208 | 3953726 | | DOM | 3 | 6/29/2004 | 800 | 558.0 | 242.0 | 1.3 | 240.7 | 99 | 3.0 | 239.0 | 99 | | BMP | |
| RG-83025 | KALOKO LAND CORPORATION, | | | STERTZ, RICHARD C & MARTHA V | 10 VISTA DEL CIELO | LOT 11 LAS CORDILLERAS S/D, PHASE II 5.373 AC, T17N R 9E S 4 & 5, | COUNTY PLAT | 409408 | 3954509 | 17N.09E.5.424 | | 3 | 9/23/2005 | 860 | 569.0 | 291.0 | 1.3 | 289.7 | 100 | 3.0 | 288.0 | 99 | 6938 | TR/BMP | |
| RG-83026 | ERIC FREEMAN, | | | STERTZ, RICHARD C & MARTHA V | 10 VISTA DEL CIELO | LOT 11 LAS CORDILLERAS S/D, PHASE II 5.373 AC, T17N R 9E S 4 & 5, | COUNTY PLAT | 409408 | 3954509 | 17N.09E.5.424 | | 3 | 9/8/2005 | 860 | 447.0 | 413.0 | 1.3 | 411.7 | 100 | 3.0 | 410.0 | 99 | 6938 | TR/BMP | |
| RG-83027 | KALOKO LAND CORPORATION, | | | FIRST NATIONAL BANK AS CUSTOD | 33 PASEO DEL FONDO | LOT 18 LAS CORDILLERAS S/D, PHASE II 3.597 AC, T17N R 9E S 4 & 5, | COUNTY PLAT | 409208 | 3954709 | 17N.09E.5.421 | | 3 | 9/16/2005 | 860 | 484.0 | 376.0 | 1.5 | 374.5 | 100 | 3.5 | 372.5 | 99 | 6912 | TR/BMP | |
| RG-83782 | PRADEEP SAFAYA, | | | HAPKA, CATHERINE M & | 79 HEADQUARTERS TRL | TOT 75 LA TIERRA NUEVA, T17N R 8E S 1 | COUNTY PLAT | 405381 | 3955135 | 17N.08E.1.142 | DOM | 3 | 2/10/2005 | 995 | 487.0 | 508.0 | 8.1 | 499.9 | 98 | 12.6 | 495.4 | 98 | 6641 | BMP | |
| RG-83907 | DARCY CRENSHAW, | | | COWLES, MACON | 6 CAMINO CIELO | T17N R 9E S18 2.50 AC, LOT 5-B | COUNTY PLAT | 406646 | 3951877 | 17N.09E.18.114 | DOM | 3 | 10/3/2005 | 680 | 476.0 | 204.0 | 2.4 | 201.6 | 99 | 4.9 | 199.1 | 98 | | BMP | |
| RG-83947 | PETER DEUBER, | | | | | | | 408777 | 3954335 | 17N.09E.5.431 | | 0 | 4/6/2005 | 840 | 467.0 | 373.0 | 2.1 | 370.9 | 99 | 4.5 | 368.5 | 99 | 6871 | BMP | |
| RG-83952 | DIANE BARELA, | | | BANDARI, HENRIK & KIRKORIAN, | 73 PASEO DEL CONEJO | T17N R 9E S 5 3.250 AC, TRACT B-2, LOT 1-B-2, | COUNTY PLAT | 408645 | 3954903 | | DOM | 3 | 11/5/2005 | 800 | 556.0 | 244.0 | 2.5 | 241.5 | 99 | 5.3 | 238.7 | 98 | 6800 | BMP | |
| RG-84125 | JOEL MCHORSE, | | | ARENA, DREW C & ELISE PINKOW | 44 SONRISA TRL | T17N R 9E S18 23.982 AC, TRACT B | COUNTY PLAT | 406830 | 3951348 | | | 3 | 12/2/2005 | 800 | 495.0 | 305.0 | 1.6 | 303.4 | 99 | 3.5 | 301.5 | 99 | 6722 | BMP | |
| RG-84708 | ROBERT ELLIG, | | | COYOTE CREEK CONSTRUCTION LLC | 114 PASEO DEL CONEJO | T17N R 9E S 5 2.50 AC, TR B-1-A LOT 3-A | COUNTY PLAT | 407992 | 3955126 | 17N.09E.5.131 | DOM | 3 | 7/31/2006 | 820 | 426.0 | 394.0 | 2.5 | 391.5 | 99 | 5.3 | 388.7 | 99 | 6757 | BMP | |
| RG-84781 | REGINA FLORES, | | | FLORES, RANDY & REGINA | 6 VIA DE ESTRELLAS | T17N R8E S23 2.500 AC, TRACT 4B-4A-2A | COUNTY PLAT | 403364 | 3949790 | 17N.08E.23.314 | DOM | 3 | 7/2/2005 | 580 | 375.0 | 205.0 | 1.5 | 203.5 | 99 | 3.4 | 201.6 | 98 | 6519 | BMP | |
| RG-85496 | RON WHITMORE, | | | MILLER, MARK C | 3 VUELTA LINDA | T18N R 9E S32 11.32 AC, LOT 107 LA TIERRA PHASE 3 | COUNTY PLAT | 408636 | 3956500 | 18N.09E.32.144 | DOM | 3 | 2/11/2006 | 800 | 439.0 | 361.0 | 2.5 | 358.5 | 99 | 5.5 | 355.5 | 98 | 6820 | BMP | |
| RG-85584 | LEESA KEY, | | | MONTOYA, RICHARD TRUSTEE OF | TANO RD | T17N R 9E S 5 5.05 AC, TR B-4-A | COUNTY PLAT | 408686 | 3954691 | 17N.09E.5.322 | DOM | 3 | 7/28/2005 | 840 | 477.0 | 363.0 | 2.5 | 360.5 | 99 | 5.3 | 357.7 | 99 | | BMP | |

# Appendix C. Buckman Monitoring Area Well and Well Permit Survey

(gray highlight = well location verified with site-specific data)

| NMOSE Well ID | Well Owner(s) listed in NMOSE Database | Confirmed Well Owner | Other Well Names | Parcel Owner Listed in County Parcel Database | Street Address | Lot Description | Address Source | UTM Easting, m, NAD83 | UTM Northing, m, NAD83 | NMOSE T.R.Sec.qqq | Use | Diver -sion, ac-ft/yr | Drilling Date | Well Depth, ft | Depth to Water, ft | Starting Water Column, ft | Model-Simulated 10-Yr Drawdown, ft | Water Column After 10 Years, ft | Percent Water Column Remaining After 10 Years | Model-Simulated 40-Yr Drawdown, ft | Water Column After 40 Years, ft | Percent Water Column Remaining After 40 Years | Land Surface Elevation, ft amsl | Moni-toring Area | Other IDs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-85585 | EDWARD KIRKORIAN, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 407982 | 3954124 | 17N.09E.5.333 | DOM | 3 | 7/22/2005 | 840 | 448.0 | 392.0 | 2.1 | 389.9 | 99 | 4.5 | 387.5 | 99 | 6818 | BMP | |
| RG-85662 | KAREN J POWELL, | | | GREENBERG, MARK & | 25 SONRISA TRL | LOT 2 SONRISA S/D 4.047 AC, T17N R 9E S18 | COUNTY PLAT | 406521 | 3951582 | 17N.09E.18. | | 3 | 1/27/2006 | 700 | 450.0 | 250.0 | 2.4 | 247.6 | 99 | 4.9 | 245.1 | 98 | 6647 | BMP | |
| RG-86289 | CHARLES UNFRIED, | | | TEMPLE, HUNTER M & PRISCILLA B | 21 VUELTA YUCCA | T18N R 9E S32 11.59 AC, LOT 80 LA TIERRA PHASE 3 | COUNTY PLAT | 408227 | 3955725 | 18N.09E.32.334 | DOM | 3 | 2/4/2006 | 780 | 488.0 | 292.0 | 2.5 | 289.5 | 99 | 5.3 | 286.7 | 98 | 6796 | BMP | |
| RG-86789 | ANTHONY PADILLA, | | | BRILLIANT, B KAY | 41 CAMINO HASTA MANANA | T17N R 9E S 5 2.530 AC, LOT 1-B, TRACT A, | COUNTY PLAT | 409408 | 3955115 | 17N.09E.5.242 | DOM | 3 | 5/5/2006 | 800 | 517.0 | 283.0 | 1.5 | 281.5 | 99 | 3.5 | 279.5 | 99 | | BMP | |
| RG-87173 | VINCENT STENERSON, | | | STENERSON, VINCENT & | 40 CALLE JOSEPHINA | T18N R 9E S30 14.151 AC, LOT 2-C | COUNTY PLAT | 407225 | 3958321 | 18N.09E.30.231 | DOM | 3 | 3/29/2007 | 750 | 395.0 | 355.0 | 3.8 | 351.2 | 99 | 7.9 | 347.1 | 98 | | BMP | |
| RG-87265 | FARZAD DIBACHI, | | | | | | | 407620 | 3956553 | 18N.09E.31.243 | MUL | 3 | 5/26/2006 | 800 | 532.0 | 268.0 | 2.5 | 265.5 | 99 | 5.5 | 262.5 | 98 | | BMP | |
| RG-87519 | LANA PARK, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 408293 | 3954725 | 17N.09E.5.221 | DOM | 1 | 12/23/2007 | 780 | 406.0 | 374.0 | 2.5 | 371.5 | 99 | 5.3 | 368.7 | 99 | | BMP | |
| RG-87734 | THOMAS GONZALES, | | | KING BROTHERS RANCH | 34 PASEO DE ESTRELLAS | T17N R 8E S23 13.287 AC, TRACT 5-1A | COUNTY PLAT | 403515 | 3949722 | 17N.08E.23.323 | | 0 | 6/20/2006 | 600 | 327.0 | 273.0 | 1.5 | 271.5 | 99 | 3.4 | 269.6 | 99 | | BMP | |
| RG-88268 | THOMAS WEHNER, | | | CRYSTAL INC | | T17N R 9E S 5 113.52 AC, LOT 4 | COUNTY PLAT | 408187 | 3954525 | 17N.09E.5.314 | DOM | 3 | 1/18/2007 | 840 | 505.0 | 335.0 | 2.1 | 332.9 | 99 | 4.5 | 330.5 | 99 | | BMP | |
| RG-88666 | RAMON L ROMERO, | | | KING BROTHERS RANCH | KING BROTHERS RANCH | T17N R8E S23 77.187 AC, TRACT 3 | COUNTY PLAT | 403114 | 3950177 | 17N.08E.23. | DOM | 1 | 4/9/2007 | 800 | 362.0 | 438.0 | 2.5 | 435.5 | 99 | 5.1 | 432.9 | 99 | | BMP | |
| RG-88950 POD1 | JOSEPH D ALBILLAR, | | | BRANCH, DENNIS R | | T17N R 9E S18 17.400 AC TR D4, NW4 | COUNTY PLAT | 406850 | 3952374 | 17N.09E.18. | DOM | 1 | 4/11/2007 | 700 | 375.0 | 325.0 | 2.4 | 322.6 | 99 | 4.9 | 320.1 | 98 | | BMP | |
| RG-89138 POD1 | MARK SPAULDING, | | | SPAULDING, MARK R | 40 CALLE JOSEPHINA | T18N R 9E S30 15.103 AC, LOT 2-B | COUNTY PLAT | 407121 | 3958483 | 18N.09E.30.124 | DOM | 1 | 5/25/2007 | 800 | 368.0 | 432.0 | 3.8 | 428.2 | 99 | 7.9 | 424.1 | 98 | | BMP | |
| RG-89212 POD1 | DAVID ROBB, | William H. Moore | | MOORE, WILLIAM H & DOROTHY B | 178 CHISHOLM TRL | LOT 52 LA TIERRA NUEVA S/D, T17N R08E S2 17.936 AC | COUNTY PLAT | 403225 | 3955515 | 17N.08E.2.113 | DOM | 1 | 9/5/1983 | 700 | 580.0 | 120.0 | 16.0 | 104.0 | 87 | 20.8 | 99.2 | 83 | | BMP | |
| RG-89456 | MARK GAYER, | | | WERNER, JOHN C | 4 PASEO DEL HALCON | T17N R 9E S 5, LOT 2A-1 | COUNTY PLAT | 409164 | 3954110 | 17N.09E.5. | DOM | 1 | 9/6/2007 | 800 | 569.0 | 231.0 | 1.3 | 229.7 | 99 | 3.0 | 228.0 | 99 | | BMP | |
| | J.A. Ortiz, | | | | | | | 401971 | 3962996 | 18N.08E.10.143 | | | 1961 | 560 | 524.0 | 36.0 | 9.0 | 27.0 | 75 | 15.1 | 20.9 | 58 | 6370 | BMP | M-18 |
| | Eric Sloane, | | | | | | | 406835 | 3956782 | 18N.09E.31.141 | | | 1976 | 634 | 491.0 | 143.0 | 4.4 | 138.6 | 97 | 8.4 | 134.6 | 94 | 6680 | BMP | M-24 |
| | David A. Ater, | | | PROTHRO, CHARLES V | 24 VUELTA SUSANA | LOT 24 LA TIERRA PHASE 1, T18N R 9E S31, 13.634 AC, | COUNTY PLAT | 406515 | 3956726 | 18N.09E.31.131 | | | 1976 | 727 | 557.0 | 170.0 | 4.4 | 165.6 | 97 | 8.4 | 161.6 | 95 | 6725 | BMP | M-23 |
| | Milo Earhard, | | | BOGLE, GLENN G & SUSAN R | 218 PASEO DE LA TIERRA | LOT 16 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 406931 | 3956586 | 18N.09E.31.143 | | | 1976 | 673 | 497.0 | 176.0 | 4.4 | 171.6 | 98 | 8.4 | 167.6 | 95 | 6680 | BMP | M-26 |
| | Norman L. Ringhand, | | | BOGLE, GLENN G & SUSAN R | 218 PASEO DE LA TIERRA | LOT 16 LA TIERRA PHASE 1, T17N R 9E S31 | COUNTY PLAT | 407046 | 3956731 | 18N.09E.31.142 | | | 1975 | 804 | 460.0 | 344.0 | 4.4 | 339.6 | 99 | 8.4 | 335.6 | 98 | 6660 | BMP | M-25 |
| | Western Cattle Co., | | | NEWCOMER, PHYLLIS L | 79 CHISHOLM TRL | LOT 33 LA TIERRA NUEVA S/D, T17N R 8E S 2, 10.794 AC, | COUNTY PLAT | 404379 | 3954619 | 17N.08E.2.423 | | | 1970 | 1000 | 574.0 | 426.0 | 5.6 | 420.4 | 99 | 9.5 | 416.5 | 98 | 6640 | BMP | M-2 |
| | Nuclear Dynamics, Inc., | | | | | | | 399180 | 3960054 | 18N.08E.20.231 | | | 1970 | 990 | 193.0 | 797.0 | 20.9 | 776.1 | 97 | 27.8 | 769.2 | 97 | 6065 | BMP | M-19 |
| | Nuclear Dynamics, Inc., | | | | | | | 397818 | 3962287 | 18N.08E.7.434 | | | 1970 | 1000 | 65.0 | 935.0 | 19.3 | 915.7 | 98 | 26.3 | 908.7 | 97 | 5875 | BMP | M-17 |
| | Nuclear Dynamics, Inc., | | | | | | | 401791 | 3956065 | 18N.08E.34.332 | | | 1970 | 1985 | 380.0 | 1605.0 | 13.3 | 1591.7 | 99 | 18.7 | 1586.3 | 99 | 6320 | BMP | M-21 |
| | Western Cattle Co., | Edward L. and Donna W. Klopfer | | KLOPFER, EDWARD L & DONNA L | 40 W ESTRADA CALABASA | T18N R 8E S36 & T17N R 8E S 1, 60.04 AC | COUNTY PLAT | 405847 | 3955481 | 17N.08E.1.212 | | | - | 1500 | 395.0 | 1105.0 | 8.1 | 1096.9 | 99 | 12.6 | 1092.4 | 99 | 6543 | BMP | M-1 |
| | Nuclear Dynamics, Inc., | | | | | | | 403103 | 3952509 | 17N.08E.11.333 | | | 1970 | 1000 | 130.0 | 870.0 | 4.5 | 865.5 | 99 | 8.0 | 862.0 | 99 | 6445 | BMP | M-3 |
| | Summer A. Weld, | | | CRAWFORD, JOHN F & BETTY | 28 ARROYO CALABASAS RD | 617N R 9E S18 5.00 AC TR A, | COUNTY PLAT | 407591 | 3952262 | 17N.09E.18.221 | | | 1975 | 588 | 543.0 | 45.0 | 1.6 | 43.4 | 97 | 3.5 | 41.5 | 92 | 6785 | BMP | M-15 |
| | Nuclear Dynamics, Inc., | | | | | | | 401541 | 3949586 | 17N.08E.22.331 | | | 1970 | 1000 | 212.0 | 788.0 | 1.5 | 786.5 | 100 | 3.6 | 784.4 | 100 | 6440 | BMP | M-4 |
| | Nuclear Dynamics, Inc., | | | | | | | 396671 | 3964509 | 18N.07E.1.422 | | | 1970 | 1000 | 0.0 | 1000.0 | 59.7 | 940.3 | 94 | 65.6 | 934.4 | 93 | 5680 | BMP | M-16 |
| | | | | | | | | 395610 | 3965942 | | | | 1939 | 191 | 0.0 | 191.0 | 65.9 | 125.1 | 66 | 69.1 | 121.9 | 64 | 5555 | BMP | M-27 |