

**WELL INVENTORY UPDATE  
TASK 1 OF AQUIFER CHARACTERIZATION PLAN  
FOR MITIGATION ORDER ON CONSENT NO. P-121-07**



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June 30, 2014

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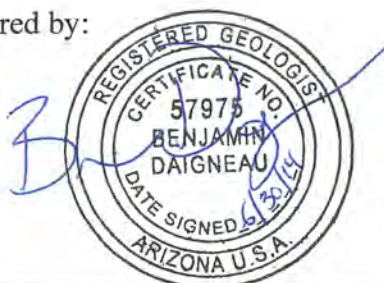
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## 1. INTRODUCTION

This report presents an update of the inventory of drinking water supply wells within one mile of the groundwater sulfate plume near the Freeport-McMoRan Corporation, Copper Queen Branch (CQB) Concentrator Tailing Storage Area (CTSA). The initial well inventory was submitted to Arizona Department of Environmental Quality (ADEQ) in 2008 (2008 WI) (Hydro Geo Chem, Inc. [HGC], 2008b) pursuant to Mitigation Order on Consent Docket No. P-121-07 (MO) between CQB and ADEQ. Section III.4A of the MO requires a “plan to inventory all existing registered wells used as a drinking water source and public drinking water system wells located within a one (1) mile radius of the plume’s down gradient and cross gradient outer edge.” This report updates the well inventory based on the April 2012 Arizona Department of Water Resources (ADWR) Program 55 Well Registry Database (WRD), and describes follow up activities to identify and verify well use and ownership. Figure 1 shows the well inventory area.

The well inventory methodology was outlined in Task 1 of the Aquifer Characterization Plan (HGC, 2008a). The MO set the action level for sulfate concentration in drinking water supplies at 250 milligrams per liter (mg/L). CQB monitors drinking water supply wells within a mile of the plume for sulfate quarterly based on the revised MO groundwater monitoring program (CQB, 2010) approved by ADEQ in April 2010 (ADEQ, 2010) (Appendix A). The edge of the sulfate plume is defined using the 250 mg/L sulfate concentration contour estimated based on the results of groundwater monitoring.

## 2. WELL INVENTORY METHODOLOGY

The well inventory was conducted in the following steps:

- Identify registered wells within one mile of the sulfate plume using the WRD and information from the ongoing MO groundwater monitoring program.
- Categorize wells based on water use to identify potential drinking water sources.
- Verify well status and usage through well owner interviews for wells that cannot be placed in a usage category using available sources.

The program 35 database was queried for the 2008 WI. All of the program 35 wells identified in 2008 are included in this update; however a new query of the program 35 database was not completed.

### 2.1 Identification of Wells within the Well Inventory Area

The April 2012 WRD and Geographic Information Systems (GIS) software were used to identify registered wells within 1 mile of the sulfate plume. The database was imported into the GIS software and wells inside the well WIA were tabulated based on cadastral locations. The WIA is defined based on the estimated 250 mg/L sulfate concentration contour in the Quarterly Monitoring Report for the First Quarter 2012 (Clear Creek Associates [Clear Creek], 2012) (Figure 2). The WIA encompasses the area 1 mile from the edge of the sulfate plume plus a safety factor described in Section 2.1.1. The tabulated wells also include some that are not found in the WRD query, which were identified by the 2008 WI or the MO groundwater monitoring program since 2008. Wells locations reported with partial cadastral locations overlapping the WIA were reviewed to determine if they were within the WIA. The WRD search results are available in Appendix B.

### 2.1.1 Well Inventory Area

The WIA is the area 1.1 miles from the edge of the plume as defined by the 250 mg/L concentration contour from the first quarter 2012. The WIA was delineated using GIS software to create a shape 1.1 miles in all directions from the sulfate plume edge (Figure 2).

The 0.1 mile safety factor was added to the WIA to account for uncertainty in the accuracy of reported cadastral locations for wells. Well coordinates are recorded in the WRD as the center of the cadastral location. The coordinates are recorded in Universal Transverse Mercator (UTM) meters. A complete cadastral location includes the township, range, section, and three consecutively smaller parts of a section. The section is divided into 160-acre quarters. Each 160-acre quarter is divided into 40-acre quarters, and each 40-acre quarter is divided into 10-acre quarters. The quarters are recorded in the database using letters to denote the northeast, northwest, southwest, and southeast quarters as A, B, C, and D, respectively. For example, Township 24 South, Range 23 East, Section 15 ACB represents the northwest 10-acre quarter (B) of the southwest 40-acre quarter (C) of the northeast 160-acre quarter (A) of Section 15 in Township 24 South, Range 23 East. The maximum distance between the plotted and physical well locations is the distance from the center of the square 10-acre quarter to any corner of the quarter. A 10-acre section is 660 feet on a side, so the maximum distance between actual and recorded locations is approximately 470 feet. The possible error was rounded to 0.1 miles for ease of use in GIS.

### 2.1.2 Wells with Partial Cadastral Locations

If a reported cadastral location is incomplete, the well coordinates are recorded in the WRD as the center of the smallest defined portion of a Township. The minimum amount of data required to plot a well is township and range. The recorded location may be outside the WIA while the physical well location is inside the WIA if the cadastral is missing data. For example, a well that is missing 10-acre quarter data would be plotted in the center of the 40-acre quarter and a well missing section data would be plotted in the center of the Township.

The townships that overlap the WIA (Figure 3) were screened for wells that were outside the WIA and were missing section data, meaning their location would be uncertain. No wells were identified that met those criteria because all well records had, at least, section information. The maximum error between recorded and physical location would be for wells with incomplete cadastral locations in sections that overlap the WIA. The overlapping sections (Figure 3) were queried for wells that plotted outside the WIA and were missing partial section data. Two wells were identified in those sections and were added to the data set to determine if they were inside the WIA.

## 2.2 Well Categorization

The identified wells were categorized by operational status, and well type to assist in identifying drinking water wells. The categorization was completed using ADWR data, information supplied by CQB, and data collected for the MO groundwater monitoring program. ADWR data include imaged records and the WRD. Imaged records are scanned versions of correspondence and well documentation for each well registry number. The WRD includes construction information, owner information, installation date, and use codes. Information supplied by CQB includes lithologic logs, electronic correspondence, well abandonment documentation and interviews with CQB employees who have direct knowledge of the area. Data has been collected for the MO groundwater monitoring program since 2007. Information from the MO groundwater monitoring program includes field observations and informal interviews with residents.

The categories used are:

- **Abandoned or Cancelled:** Wells that were abandoned, capped, or never installed. These wells cannot be used for drinking water.
- **Domestic Non-Drinking Water Wells:** Wells that supply water to a residence for lavatory, laundry, and kitchen use, but not for drinking water use.
- **Drinking Water Supply Wells:** Wells that supply drinking water.

- **Dry Wells:** Wells that do not have enough saturated thickness to operate. The status of wells that were reported as dry in 2008 was confirmed if possible.
- **Duplicate Wells:** Wells in the WRD that are duplicate entries of another well.
- **Geotechnical Wells:** Wells that are used for geotechnical purposes, such as cathodic protection wells.
- **Inactive Wells:** Wells listed in the WRD that are not being used but are not abandoned, including wells that do not have an operable pump.
- **Irrigation Wells:** Wells that are used for irrigation.
- **Monitor Wells:** Dedicated groundwater quality and water level monitoring wells including piezometers.
- **Wells with Owners That Could Not be Contacted:** Property or well owners that could not be contacted in person or by mail.
- **Not in Study Area:** Wells that were identified in the WRD but determined to be outside the WIA.
- **Wells Not Located:** Wells listed in the WRD that could not be located.

## 2.3 Verification

If the well could not be categorized using available data then attempts were made to verify the usage by telephone interview, mailing an interview request letter, ground reconnaissance, or in-person owner interviews. Well use was also verified for wells that could have changed categories since 2008, including wells that were identified in 2008 as inactive or dry, wells that could not be located, and wells with owners who could not be contacted.

Well owners with current contact information were telephoned and interviewed. If the owner could not be contacted or contact information was not known, the well owner was sent a letter that requested a telephone interview (Appendix C).

To identify owner addresses, Cochise County Tax Assessor's Parcel geometry and owner information for the WIA were compared to ADWR imaged records and well location



information. The letters were mailed to the tax mailing address for each property owner that corresponded to an ADWR record for which there was no other information. Fifteen properties were included in the mailing (Table C.1). Six property owners contacted Clear Creek based on the mailing.

### 3. WELL INVENTORY RESULTS

The well inventory identified 254 wells within the WIA or with partial cadastral locations in the sections overlapping the WIA. Table 1 shows a summary of the well categories. Table 2 describes the results of well categorization and verification. Categorized wells are shown on Figure 4 using the locations in the WRD. Forty-one of the 254 wells are currently used for drinking water. Wells monitored for the MO groundwater monitoring program have been surveyed but the WRD locations are used on all figures for consistency.

- **Abandoned or Cancelled:** Sixty-nine wells are abandoned, capped, or cancelled. Sixty-one were categorized based on ADWR records. The eight remaining wells were categorized based on MO groundwater monitoring program data, owner interviews, or information provided by CQB.
- **Domestic Non-Drinking Water Wells:** Four wells are used for domestic non-drinking water supply. One well, ROGERS 596, is connected to a house as a backup source, but not used for drinking water according to the owner. The other three wells, BIMA, NOTEMAN, and FRANCO 383, have alternate drinking water sources provided as mitigation actions.
- **Drinking Water Supply Wells:** Forty-one wells supply drinking water. Thirty-nine of the drinking water supply wells were already monitored under the current MO groundwater monitoring program. Two wells, THOMPSON 341 and BURKE, that were not part of the MO groundwater monitoring program, were verified as drinking water wells and added to the groundwater monitoring schedule.

THOMPSON 341 was installed in September 2008 after the 2008 WI, and was not previously identified. BURKE is a drinking water well that was sampled from 2008 through 2010, at which time it was taken out of service. The homeowner replaced the pump and installed a storage tank and the well went back into service as a drinking water supply well in September 2013.

Samples were collected from THOMPSON 341 and BURKE and analyzed for sulfate concentration by SVL Analytical, Inc. of Kellogg, Idaho. The results for the samples collected from THOMPSON 341 on May 29, 2013 and BURKE on October 10, 2013 were 7.32 mg/L and 27.5 mg/L, respectively.

- **Dry Wells:** Thirty-four wells are dry. Three of the dry wells are checked at least annually for the MO groundwater monitoring program. Twenty-eight wells were confirmed to be

dry based on interviews with the owners or CQB staff. The properties for three wells reported as dry in 2008, GREGG, RODRIGUEZ, and MENDEZ, were visited in 2013 but the owners could not be contacted. The wells were retained as dry and not reported as “wells with owners who could not be contacted” because water levels are dropping regionally and it is unlikely that a dry well in 2008 would be saturated in 2013.

- **Duplicate Wells:** Two wells are duplicates of other wells. The wells were determined to be duplicates of other wells based on descriptions in the ADWR imaged records.
- **Geotechnical Wells:** Two wells are geotechnical wells. The wells are used as cathodic protection wells and owned by the Southwest Gas Company.
- **Inactive Wells:** Thirty-four wells are inactive. Water levels at 11 of the inactive wells are monitored at least annually for the MO groundwater monitoring program. The 23 remaining wells were confirmed inactive by field observation, owner interviews, or CQB staff.
- **Irrigation Wells:** Nine wells are used for irrigation. Eight of the irrigation wells are monitored at least semi-annually for the MO groundwater monitoring program. The remaining well, COLLINS, was confirmed as an irrigation and stock well in July 2013. A separate stock well category was not created because COLLINS is the only well that is confirmed to be used for stock water.
- **Monitor Wells:** Thirty-seven wells are monitor wells including one piezometer. Thirty-five of the monitor wells are measured at least annually for the MO groundwater monitoring program. Of the remaining two wells, CQB verified that WMD2011-03M is a piezometer and GL-03 is a monitor well.
- **Wells with Owners That Could Not be Contacted:** Seven wells have owners that could not be contacted. The owner of two wells, MINER 316 and MINER 317, declined participation in the well sampling program in 2008 and continues to decline communication regarding the well and water use. The Miner property was visited several times and was included in the mailing. The property for the BRINDLEY well was visited three times in the spring of 2013 but the owner was not home and did not respond to the letter inquiry. The four remaining wells, COTA, HELGA, HUMPHREY, and MOROYOQUI were included in the mailing and visited by Clear Creek Staff at least once in 2013 but the well owners were non-responsive.
- **Not in Study Area:** Four wells were determined to be outside the study area. Two of the wells outside the study area, SAN JOSE RANCH and MILLER 280, were identified by the partial cadastral screening. Both of the wells had cadastral data accurate enough to place them outside the WIA. Well COB WLA plots outside the WIA but was included in the well inventory because it was included in the 2008 WI. ADWR lists the well as abandoned. COB WLA was listed as COB WL in the 2008 WI. The well name was

changed because an existing monitor well inside the WIA was added to the groundwater monitoring program as COB WL (Table 2 and Appendix B). The cadastral location for the UNIVERSITY OF ARIZONA well was entered into the WRD incorrectly. The imaged record indicates the well is in Township 24 South, Range 22 East but the well was entered into the WRD as Township 24 South, Range 24 East.

- **Wells Not Located:** Eleven wells could not be located. The general locations of six wells, WESTERN LANDSCAPE, ROSS, WILSON 362, IRONS, BERNAL, and HAUBERT, were determined from ADWR records and the property owners were interviewed. However, the owners did not know of the wells in any of the six cases.

Locations could not be determined for the other five wells because the cadastral locations were not precise enough to match the well with a specific assessor's parcel and the ADWR imaged records did not have a physical address, parcel number, or other location information that matched a current assessor's parcel number. Additionally, the names of the well owners were cross-referenced with parcel owner information provided by the Cochise County Tax Assessor. The well owners on file on ADWR records did not match property owners for assessor parcels in the area around each well.

#### 4. REFERENCES

- ADEQ. 2010. Correspondence from Cynthia Campbell, ADEQ, to Rebecca Sawyer, CQB, Re: Request to Modify MO groundwater monitoring program, Mitigation Order on Consent No. P-127-07, Your Letter dated January 25, 2010. April 22, 2010.
- Clear Creek Associates. 2012. First Quarter Groundwater Monitoring Report, Tasks 1.0 and 2.2 of Aquifer Characterization Plan, Mitigation Order on Consent Docket No. P-121-07, Cochise County, Arizona. March 30, 2013.
- Freeport-McMoRan Copper Queen Branch (CQB). 2010. Correspondence from Rebecca Sawyer, CQB, to Cynthia Campbell, ADEQ, Re: Request to Modify MO groundwater monitoring program Mitigation Order on Consent No. P-121-07. January 25, 2010.
- Hydro Geo Chem, Inc. (HGC). 2008a. Revision 1, Work Plan to Characterize and Mitigate Sulfate with Respect to Drinking Water Supplies in the Vicinity of the Concentrator Tailing Storage Area, Cochise County, Arizona. July 3, 2008.
- HGC. 2008b. Well Inventory Report, Task 1 of Aquifer Characterization Plan for Mitigation Order on Consent No. P-121-07, Cochise County, Arizona. July 28, 2008.

## **TABLES**

**TABLE 1**  
**Well Inventory Summary**

<b>Well Category</b>	<b>Water Use</b>	<b>Number of Wells</b>
Abandoned or Cancelled	None	69
Domestic Non-Drinking Water	Household Water	4
Drinking Water Supply	Drinking Water	41
Dry	None	34
Duplicate Well	None	2
Geotechnical	None	2
Inactive	None	34
Irrigation	Irrigation	9
Monitor Well	Groundwater Monitoring	37
Well with Owners That Could Not be Contacted	Unknown	7
Not in Study Area	Unknown	4
Wells Not Located	Unknown	11
	TOTAL	254

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
<b>Abandoned or Cancelled Wells</b>							
085343	BANKS,D L	--	Abandoned/Cancelled	None	No	None	Abandoned according to ADWR records.
203321	NACO WATER CO	NWC-03	Abandoned/Cancelled	None	No	None	Well abandoned in first quarter 2013 per MO.
207236	JAMES E BURKE	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
215509	DON CAMPBELL	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
221460	LEONARD W. HUTSON	--	Abandoned/Cancelled	None	No	None	Well was never installed for MO. Cancelled.
500431	DAVIES, DANIEL,R	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
500881	BINIEWSKI,F J	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
506999	SOUTHEASTERN AZ GOV,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
509394	BISBEE, CITY OF,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
510298	YATES,J	CROWLEY	Abandoned/Cancelled	None	Unknown	Unknown	Mailed letter with no response. Visited owner in February 2013. Well was covered when the driveway was paved.
510918	NOT IN DATABASE	--	Abandoned/Cancelled	None	No	None	Well was identified in 2008 and reported as cancelled. Well is no longer in database. No imaged records are available. Not on figures. No location associated with well in WRD.
522569	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
522577	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
522693	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
522822	NACO SANITARY DIST,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.



**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
525136	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525137	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525139	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525140	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525141	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525142	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525143	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525144	PHELPS DODGE CORP,	TM-26	Abandoned/Cancelled	None	No	None	CQB personnel indicated well was abandoned.
525145	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525548	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525551	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525552	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525553	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525554	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525556	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525557	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
525558	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
525559	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
529361	COCHISE COUNTY,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539727	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539728	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539729	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539730	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539731	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539732	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539733	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539734	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539735	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539736	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539737	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539738	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539739	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
539740	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539741	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539742	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539743	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539783	PHELPS DODGE CORP,	BF-01	Abandoned/Cancelled	None	No	None	CQB personnel indicated well was abandoned in 2013.
539784	PHELPS DODGE CORP,	GL-02	Abandoned/Cancelled	None	No	None	CQB personnel indicated well was abandoned.
539785	FREEMPORT-MCMORAN CORPORATION, COPPER QUEEN BRANCH	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
539787	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
544685	PATSI, JOHN,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
556161	TURQUOISE VALLEY INC	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
581107	JAMES A BUSK	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
582581	COCHISE COUNTY HIGHWAY DEPARTMENT	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
582582	COCHISE COUNTY HIGHWAY DEPARTMENT	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
590386	MCONNELL, RUSS	MCONNELL 386	Abandoned/Cancelled	None	No	None	Well was never installed. NOI was not granted due to lack of information according to ADWR records. Not on figures no location associated with well in WRD
626702	UNION PACIFIC RAILROAD COMPANY	--	Abandoned/Cancelled	None	No	None	Reported as capped to according to ADWR records.
627684	NACO WATER CO,	NWC 03 CAP	Abandoned/Cancelled	None	No	None	Capped well. Water level monitored for MO groundwater monitoring program

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
627685	NACO WATER CO,	--	Abandoned/Cancelled	None	No	None	Reported as capped to according to ADWR records.
628546	FREEPORT-MCMORAN CORPORATION, COPPER QUEEN BRANCH	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
628547	FREEPORT-MCMORAN CORPORATION, COPPER QUEEN BRANCH	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
805326	PHELPS DODGE CORP,	--	Abandoned/Cancelled	None	No	None	Abandoned or cancelled according to ADWR records.
913124	FREEPORT MCMORAN COPPER QUEEN BRANCH		Abandoned/Cancelled	None	No	None	ADWR has no completion information. Driller confirmed that the well was never drilled
913504	FREEPORT MCMORAN COPPER QUEEN BRANCH		Abandoned/Cancelled	None	No	None	ADWR has no completion information. Driller confirmed that the well was never drilled
<b>Domestic Non-Drinking Water Wells</b>							
212483	THOMAS A & KATHLEEN E BAILEY	NOTEMAN	Domestic Non-Drinking Water	Quarterly	Yes	Household water	Well is used for household water not including drinking water. Currently monitored for MO.
221383	IRMA V. FRANCO, ET AL	FRANCO 383	Domestic Non-Drinking Water	Quarterly	Yes	Household Use	Well is used for household water not including drinking water. Currently monitored for MO.
573596	MILTON K LUNA	ROGERS 596	Domestic Non-Drinking Water	Quarterly	Yes	None	Well is operational and connected to house, but not regularly used. Residence uses ROGERS 803 for drinking water.
577927	BIMA LLC	BIMA	Domestic Non-Drinking Water	Quarterly	Yes	Household Use	Well is used for household water not including drinking water. Currently monitored for MO.
<b>Drinking Water Supply Wells</b>							
205126	LEE E. HAYES	ZANDER	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
209744	CRAIG KEEFER	KEEFER	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
210865	ROBERT & ELIZABETH SCHWARTZ	SCHWARTZ	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
212268	JAMES E BURKE	BURKE	Drinking Water Supply	Quarterly	Yes	Drinking Water	Well was sampled through 2010 but removed from the schedule because it was inactive. Well is being used as of September 2013 and monitored quarterly under MO groundwater monitoring program

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
212447	RICHARD & JULIE FULTZ	FULTZ	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
216018	ERNEST M. ROGERS	ROGERS E	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
216425	ROBERTO & AIDA RAMIREZ	RAMIREZ	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
218341	THOMAS W OR FRANKIE A THOMPSON	THOMPSON 341	Drinking Water Supply	Quarterly	Yes	Drinking Water	Mr. Thompson contacted Clear Creek in response to the mailing. Well was installed in September 2008. Added to MO groundwater sampling schedule for quarterly sampling.
219449	ALBERT ECHAVE	ECHAVE	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
221312	JOEL HOWARD	HOWARD 312	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
221458	PHYLLIS ANDERSON	ANDERSON 458	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
221459	VIRGINIA MCCONNELL	MCCONNELL 459	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
221517	JAMES PIONKE	PIONKE 517	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
221897	TOM WEISKOPF	WEISKOPF 897	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
509127	NESS,R	NESS	Drinking Water Supply	Semi-Annually	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
509518	POOL,J W	POOL	Drinking Water Supply	Quarterly	Unknown	Unknown	Drinking water supply well as of April 2011. No contact with owner since that time.
531770	RUIZ, DAVID,G	RUIZ	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
538847	PATRICK B MOORE	MOORE	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
544535	ROZZANO, MARY,	WEED	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
551849	UNION PACIFIC RAILROAD COMPANY	NWC-04	Drinking Water Supply	Monthly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
587635	GARNER, TERRY,	GARNER 635	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
562944	NACO WATER CO,	NWC-02	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
575700	NACO WATER CO	NWC-06	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
578819	KRISTINE DANIELS	PALMER 819	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
590620	ARIZONA WATER COMPANY PWS ID# 04-07-128	AWC-05	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
599796	LEON & MARY EAST	EAST	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
616584	AZ WATER COMPANY,	AWC-04	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
616585	AZ WATER COMPANY,	AWC-03	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
616586	AZ WATER COMPANY,	AWC-02	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
623564	DON & THERESA LAEDING	COOPER	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
627683	NACO WATER CO,	NWC 02	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
629807	SLOAN,F G	CHAMBERS	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
641803	LUNA,M K	ROGERS 803	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
643436	OSBORN, DALE,G	OSBORN	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
644927	JOHN & JENNIFER DODSON	DODSON	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
647986	BANKS,D L	BANKS 986	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
803772	LAWRENCE, RAY,E	RAY	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
805641	EPPELE, DAVID,L	EPPELE 641	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
909653	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-5B	Drinking Water Supply	Quarterly	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
NR	SWAN	SWAN	Drinking Water Supply	Semi-Annually	Yes	Drinking Water	Groundwater quality monitored quarterly under MO groundwater monitoring program.
NR	ALFRED PANAGAKOS	PANAGAKOS	Drinking Water Supply	Quarterly	Yes	Drinking Water	Well is mitigated under the MO and supplies drinking water to residence. Currently monitored under MO groundwater monitoring program
<b>Dry Wells</b>							
085010	BARTON,L K	BARTON 010	Dry	None	No	None	Dry well. Confirmed by Mr. Barton in March 2013 during a site visit.
201531	SUNBELT MARKETING INC	SUNBELT	Dry	Semi-Annually	No	None	Dry well checked quarterly under MO groundwater monitoring program.
500101	FRANCO,J	FRANCO 101	Dry	Quarterly	No	None	No pump. Water level monitored quarterly (1-2 feet of saturated thickness). Well was disconnected from residences when FRANCO 383 was installed.
507823	SAYRE,J	HECK	Dry	None	No	None	Dry well. Confirmed by Harold Heck (property owner) in April 2013 during a phone call. Residence is now served by AWC.
522573	PHELPS DODGE CORP,	TM-02	Dry	None	No	None	Dry monitor well. Reported dry in 2008 Confirmed by CQB personnel June 2013
522575	PHELPS DODGE CORP,	TM-03	Dry	None	No	None	Dry monitor well as of February 2012. Confirmed by CQB personnel June 2013
522580	PHELPS DODGE CORP,	TM-19	Dry	None	No	None	Dry monitor well. Reported dry in 2008 Confirmed by CQB personnel June 2013
522694	PHELPS DODGE CORP,	TM-05 Miller	Dry	None	No	None	Dry monitor well. Confirmed by CQB personnel June 2013
522697	PHELPS DODGE CORP,	TM-12 Miller	Dry	None	No	None	Dry monitor well according to CQB personnel June 2013
522698	PHELPS DODGE CORP,	TM-13 MILLER	Dry	None	No	None	Dry monitor well. Reported dry in 2008 Confirmed by CQB personnel June 2013
522700	PHELPS DODGE CORP,	TM-17	Dry	None	No	None	Dry well. Reported dry in 2008 Confirmed by CQB personnel June 2013

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
539786	PHELPS DODGE CORP,	BF-02	Dry	None	No	None	Dry monitor well according to CQB personnel June 2013
562555	FREEMPORT MCMORAN COPPER QUEEN BRANCH	TM-41	Dry	None	No	None	Dry monitor well according to CQB personnel June 2013
610686	GOAR SEV & SUPPLY,	GOAR 686	Dry	None	No	None	Dry well. Last confirmed by Goar Ranch employee in 2012
610687	GOAR SEV & SUPPLY,	GOAR 687	Dry	None	No	None	Dry well. Last confirmed by Goar Ranch employee in 2012
610688	GOAR SEV & SUPPLY,	GOAR 688	Dry	None	No	None	Dry well. Last confirmed by Goar Ranch employee in 2012
610689	GOAR SEV & SUPPLY,	GOAR 689	Dry	None	No	None	Dry well. Last confirmed by Goar Ranch employee in 2012
610690	GOAR SEV & SUPPLY,	GOAR 690	Dry	None	No	None	Dry well. Last confirmed by Goar Ranch employee in 2012
610691	GOAR SEV & SUPPLY,	GOAR 691	Dry	None	No	None	Dry well. Last confirmed by Goar Ranch employee in 2012
610692	GOAR SEV & SUPPLY,	GOAR 692	Dry	None	No	None	Dry well. Last confirmed by Goar Ranch employee in 2012
610693	GOAR SEV & SUPPLY,	GOAR 693	Dry	None	No	None	Dry well. Last confirmed by Goar Ranch employee in 2012
610694	GOAR SEV & SUPPLY,	GOAR 694	Dry	None	No	None	Dry well. Last confirmed by Goar Ranch employee in 2012
616436	AZ STATE LAND DEPT,	--	Dry	None	No	None	Dry well. Leased by Charlie Miller. Confirmed dry by CQB staff in November 2013.
618611	NOBLE,A J	NOBLE	Dry	None	No	None	Dry well on Garner property. Dawn Walker indicated that the well is a dry hand dug well in May 2013. Alice Noble was her mother.
630852	JENNY,B H	GREGG	Dry	None	No	None	Well reported dry in 2008 WI. Visited site in 2012 but did not contact resident. Did not confirm.
641340	MILLER,C R	MILLER 340	Dry	None	No	None	Dry monitor well. Confirmed by CQB personnel June 2013
641341	MILLER,C R	MILLER 341	Dry	None	No	None	Dry monitor well. Confirmed by CQB personnel June 2013



**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
641342	MILLER,C R	MILLER 342	Dry	None	No	None	Dry monitor well. Confirmed by CQB personnel June 2013
644919	BARTON,L K	BARTON 919	Dry	Semi-Annually	No	None	Dry well checked annually under the MO groundwater monitoring program.
645050	VALENZUELA,G E	VALENZUELA	Dry	None	No	None	Dry well. Confirmed by Victor Valenzuela in May 2013 during a phone call in response to the mailing. Mr. Valenzuela indicated that the well has been dry since they purchased the property.
645536	BLOMMER,F V	BLOMMER	Dry	None	No	None	Dry well. Confirmed by Connie Blommer in April 2013 during a phone call. Residence is now served by AWC.
648360	RODRIGUEZ,M R	RODRIGUEZ	Dry	None	No	None	Well reported dry in 2008 WI. Visited site in 2012 but did not contact resident. Did not confirm.
649994	SHAFER,E E	SHAFER	Dry	None	No	None	Dry well. Confirmed by property owner in May 2013 during a site visit.
650256	MENDEZ,A A	MENDEZ	Dry	None	No	None	Well reported dry in 2008 WI. Visited site in 2012 but did not contact resident. Did not confirm.
<b>Duplicate Wells</b>							
633472	BLOMMER,F V	--	Duplicate Well	None	No	None	Duplicate of Blommer (55-645536)
647003	KENNEDY,D C	--	Duplicate Well	None	Unknown	Unknown	Duplicate of ASLD well (55-616436)
<b>Geotechnical Wells</b>							
532135	SOUTHWEST GAS CORP,	--	Geotech/Other	None	Unknown	Unknown	Information from ADWR records
532136	SOUTHWEST GAS CORP,	--	Geotech/Other	None	Unknown	Unknown	Information from ADWR records
<b>Inactive Wells</b>							
209737	JALYN ASSOCIATES LLC	JALYN	Inactive	None	No	None	Inactive. Confirmed by Jimmy Perez of Jalyn Associates in April 2013 during a phone call. The property is undeveloped.
218386	KENNETH FLEMING	FLEMING	Inactive	Semi-Annually	No	None	No pump. Water level monitored under MO groundwater monitoring program
218671	ERNEST M. ROGERS	ROGERS 671	Inactive	None	No	None	Inactive. Confirmed by Ernest Rogers in April 2013 during a phone call. The well is in his storage area on Towner Street.

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
522815	DAVID WILLIAM ANDERSON	TM-11 PIONKE	Inactive	None	No	None	Not operational based on field observation. Well is on Pionke property which is visited quarterly for the MO groundwater monitoring program
522816	SAM PRESSLEY	TM-14 NELSON	Inactive	None	No	None	Not operational based on field observation. Well is on Echave property which is visited quarterly for the MO groundwater monitoring program
522817	PHELPS DODGE CORP,	TM-08 SWAN	Inactive	None	No	None	Not operational. Last visited in 2012. Well is obstructed with an inoperable pump.
567713	TURQUOISE VALLEYLAND CO INC	TVI 713	Inactive	Semi-Annually	No	None	Inactive well. Water level monitored quarterly under MO groundwater monitoring program.
558557	TERRY S GARNER	GARNER 557	Inactive	Semi-Annually	No	None	Inactive well. Water level monitored quarterly under MO groundwater monitoring program.
587749	EDITH DOUGLASS	DOUGLASS 749	Inactive	None	No	None	Inactive. Confirmed inactive by Mr. Lesnick (property owner) in May 2013 during a phone call in response to the mailing. Property is undeveloped.
588270	SUNNYSIDE HOLDINGS LLC	SUNNYSIDE	Inactive	None	No	None	Inactive. Mailed interview request letter in May 2013 with no response. Well can be seen from street. Property is undeveloped and well is not connected to piping.
592791	JAMES P DOUGLASS	DOUGLASS 791	Inactive	Semi-Annually	No	None	Inactive well. Water level monitored quarterly under MO groundwater monitoring program.
592792	JAMES P DOUGLASS	DOUGLASS 792	Inactive	Semi-Annually	No	None	Inactive well. Water level monitored quarterly under MO groundwater monitoring program.
602134	BOB R BULLARD	BULLARD	Inactive	None	No	None	Inactive. Confirmed by Bob Bullard in May 2013 in response to mailing
606854	HULL,C W	HULL 854	Inactive	None	No	None	Inactive. Ken Phillip of Hull Ranch confirmed that the well is not being used in April 2013 during a site visit.
606855	HULL,C W	HULL 855	Inactive	None	No	None	Inactive. Ken Phillip of Hull Ranch confirmed that the well is not being used in April 2013 during a site visit.
610695	GOAR,S	GOAR RANCH	Inactive	Semi-Annually	No	None	Inactive well. Water level monitored quarterly under MO groundwater monitoring program.
612151	THOMAS W OR FRANKIE A THOMPSON	THOMPSON 151	Inactive	Quarterly	No	None	Inactive well. Well was identified while interviewing Mr. Thompson about THOMPSON 341 Water level monitored quarterly under MO groundwater monitoring program.
613396	SHAMRELL,R	ANDERSON 396	Inactive	Quarterly	No	None	Inactive well. Water level monitored quarterly under MO groundwater monitoring program.
618175	UNITED EVANGELISM,	UNITED EVANGELISM	Inactive	None	No	None	Inactive. Confirmed by Marcos Lucero of United Evangelism in April 2013 by phone. The property is undeveloped.

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
627682	NACO WATER CO,	NWC-01	Inactive	None	No	None	Inactive. Confirmed by Keith Dojaquez of NWC in May 2013 by email. Not in WRD. Well identified from 2008 WI. Not on figures because no location is associated with well.
627696	NACO WATER CO,	NWC-05	Inactive	None	No	None	Inactive. Confirmed by Keith Dojaquez of NWC in May 2013 by email.
641726	EBERWEIN, GERALDO	EBERWEIN	Inactive	None	No	None	Inactive. Confirmed by owner.
641750	ROLLINS,M W	ROGERS 750	Inactive	None	No	None	Inactive. David Rogers (property owner) confirmed that the well is inactive.
641801	LUNA,M K	ROGERS 801	Inactive	None	No	None	Inactive well. David Rogers (property owner) indicated that residence is supplied by ROGERS 803
643481	CAMPBELL, DON,	CAMPBELL	Inactive	None	No	None	Inactive. Confirmed by Don Campbell in April 2013 during a site visit.
647987	BANKS,D L	BANKS 987	Inactive	Semi-Annually	No	None	Inactive well. Water level monitored quarterly under MO groundwater monitoring program.
648361	WILLSON,T J	WILSON 361	Inactive	None	No	None	Inactive. On undeveloped property and confirmed by CQB.
650255	ALVAREZ,M J	ALVAREZ	Inactive	None	Unknown	Unknown	Mailed letter in May 2013 with no response. Owner, Lorrie Page, indicated that the well is not in use during site visit.
805642	EPPELE, DAVID,L	EPPELE 642	Inactive	None	No	None	Inactive. EPPELE 641 is monitored quarterly. Resident has indicated that all other wells on the property are inactive
805643	EPPELE, DAVID,L	EPPELE 643	Inactive	None	No	None	Inactive. EPPELE 641 is monitored quarterly. Resident has indicated that all other wells on the property are inactive
808560	JUSTIN & CRYSTAL CLEWLEY	STEPHENS	Inactive	Semi-Annually	No	None	Inactive well. Water level monitored quarterly under MO groundwater monitoring program.
NR	ALFONSO METZLER	METZLER	Inactive	Quarterly	No	None	Inactive well. Well was taken out of service in July 2012 for mitigation action pursuant to MO. Residence is supplied by AWC. Water Level is monitored annually
NR	ALMA OLIVARRIA	DURAZO	Inactive	Quarterly	No	None	Inactive well. Well was taken out of service in July 2012 for mitigation action pursuant to MO. Residence is supplied by AWC. Function is checked quarterly
NR	HARDT	HARDT	Inactive	None	No	None	Inactive. Mary Ellen East is former owner's daughter. Mrs. East indicated that the well in not active and the residence is vacant as of February 2013

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
<b>Irrigation Wells</b>							
539265	MCCONNELL, LEONARD,	MCCONNELL 265	Irrigation	Quarterly	Yes	Irrigation	Well was disconnected from residence during mitigation action pursuant to MO. Well is operational and used for irrigation. Well is monitored quarterly under MO groundwater monitoring program.
565260	JAMES K COLLINS	COLLINS	Irrigation	None	Yes	Irrigation/Stock	Used for irrigation and stock watering. Confirmed Mr. Collins in July 2013 during a phone call in response to the mailing
568875	PETER J LAWSON	TVI 875	Irrigation	Quarterly	Yes	Irrigation	Groundwater quality monitored quarterly under MO groundwater monitoring program. Use to irrigate Golf Course.
576415	STEVE A PARRA	PARRA	Irrigation	Quarterly	Yes	Irrigation	Well was disconnected from residence during mitigation action pursuant to MO. Well is operational and used for irrigation. Well is monitored quarterly under MO groundwater monitoring program.
613395	CLARKE & PATRICIA RAYMOND	PIONKE 395	Irrigation	Quarterly	Yes	Irrigation	Well was disconnected from residence during mitigation action pursuant to MO. Well is operational and used for irrigation. Well is monitored quarterly under MO groundwater monitoring program.
641802	GROUT, PETER,T	WEISKOPF 802	Irrigation	Quarterly	Yes	Irrigation	Well was disconnected from residence during mitigation action pursuant to MO. Well is operational and used for irrigation. Well is monitored quarterly under MO groundwater monitoring program.
802236	BISBEE, CITY OF,	TVI 236	Irrigation	Annually	Yes	Irrigation	Groundwater quality monitored quarterly under MO groundwater monitoring program. Use to irrigate Golf Course.
NR	SHERRY MARCELL	MARCELL	Irrigation	Quarterly	Yes	Irrigation	Well was disconnected from residence during mitigation action pursuant to MO. Well is operational and used for irrigation. Well is monitored quarterly under MO groundwater monitoring program.
NR	JOEL HOWARD	HOWARD NR	Irrigation	Quarterly	Yes	Irrigation	Well was disconnected from residence during mitigation action pursuant to MO. Well is operational and used for irrigation. Well is monitored quarterly under MO groundwater monitoring program.
<b>Monitor Wells and Piezometers</b>							
219957	FREEPOR-T-MCMORAN CORPORATION, COPPER QUEEN BRANCH	BMO-2010-1M	Monitor Well	Quarterly	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
219958	FREEPOR-T-MCMORAN CORPORATION, COPPER QUEEN BRANCH	BMO-2010-2M	Monitor Well	Quarterly	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
219969	FREEPOR-T-MCMORAN CORPORATION, COPPER QUEEN BRANCH	BMO-2010-3M	Monitor Well	Quarterly	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
219970	FREEPOR-T-MCMORAN CORPORATION, COPPER QUEEN BRANCH	BMO-2010-3B	Monitor Well	Quarterly	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
221388	FREEPORT MCMORAN CORP, COPPER QUEEN BRANCH	BMO-2012-1M	Monitor Well	Quarterly	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
522574	PHELPS DODGE CORP,	TM-02A	Monitor Well	Semi-Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
522576	PHELPS DODGE CORP,	TM-07	Monitor Well	Semi-Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
522578	PHELPS DODGE CORP,	TM-16	Monitor Well	Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
522581	PHELPS DODGE CORP,	TM-19A	Monitor Well	Semi-Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
522695	PHELPS DODGE CORP,	TM-06 MILLER	Monitor Well	Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
522696	DAVIES, DANIEL,R	TM-10 USBP	Monitor Well	Quarterly	Yes	Groundwater Monitoring	Monitor Well on US Border Patrol property. Monitored under MO groundwater monitoring program.
522699	PHELPS DODGE CORP,	TM-15 MILLER	Monitor Well	Annually	Yes	Groundwater Monitoring	Monitor Well on Miller property. Monitored under MO groundwater monitoring program
527587	NACO SANITARY DIST,	NSD-02	Monitor Well	Semi-Annually	Yes	Groundwater Monitoring	Monitor well. Water level monitored under MO groundwater monitoring program
539782	PHELPS DODGE CORP,	GL-03	Monitor Well	None	Yes	None	Not monitored but operational according to CQB personnel.
562554	FREEPORT MCMORAN COPPER QUEEN BRANCH	TM-42	Monitor Well	Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
593116	CITY OF BISBEE	COB WARREN LAGOON	Monitor Well	Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
637069	LEONARD W HUTSON	COOPER C	Monitor Well	Quarterly	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
805290	PETER HORAN	HOBAN	Monitor Well	Quarterly	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
903984	CITY OF BISBEE	COB MW-2	Monitor Well	Semi-Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
903992	CITY OF BISBEE	COB MW-1	Monitor Well	Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
906823	CITY OF BISBEE	COB MW-3	Monitor Well	Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
908794	PHELPS DODGE	BMO-2008-7M	Monitor Well	Semi-Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
909019	FREEPORT-MCMORAN CORPORATION, COPPER QUEEN BRANCH	BMO-2008-6M	Monitor Well	Quarterly	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
909146	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-6B	Monitor Well	Quarterly	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
909147	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-3B	Monitor Well	Semi-Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
909255	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-9M	Monitor Well	Semi-Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
909272	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-10GU	Monitor Well	Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
909434	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-11G	Monitor Well	Semi-Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
909435	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-10GL	Monitor Well	Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
909474	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-1G	Monitor Well	Semi-Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
909551	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-13B	Monitor Well	Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
909552	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-5M	Monitor Well	Quarterly	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
909711	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-8M	Monitor Well	Semi-Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
909760	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-13M	Monitor Well	Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
910096	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-4B	Monitor Well	Semi-Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.
910097	FREEPORT MCMORAN COPPER QUEEN BRANCH	BMO-2008-8B	Monitor Well	Annually	Yes	Groundwater Monitoring	Monitor Well. Monitored under MO groundwater monitoring program.

**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
913037	FREEPORT MCMORAN COPPER QUEEN BRANCH	WMD2011-03M	Monitor Well	None	No	Water Level Monitoring	Piezometer.
<b>No Contact with Well or Property Owner</b>							
086775	BRINDLEY,L	BRINDLEY	No Contact	None	Unknown	Unknown	Formerly owned by David Rogers. Mr. Rogers provided the property address. Visited property 3 time in Spring 2013. Left business card and note but was not able to contact homeowner. Unable to contact owner in 2008
633316	LAWRENCE J MINER	MINER 316	No Contact	None	Unknown	Unknown	Mailed interview request letter May 2013. Owner declined participation in 2008 and declined contact in 2012.
633317	LAWRENCE J MINER	MINER 317	No Contact	None	Unknown	Unknown	Mailed interview request letter May 2013. Owner declined participation in 2008 and declined contact in 2012.
642937	KRISTINE & DANIEL HELGA	HELGA	No Contact	None	Unknown	Unknown	Mailed interview request letter in May 2013. Visited property but not trespassing sign posted.
647847	MOROYOQUI,H B	MOROYOQUI 847	No Contact	None	Unknown	Unknown	Mailed letter in May 2013 with no response. Visited parcel on Rogers St on December 4, 2013. No contact in 2008.
649153	HUMPHREY,M	HUMPHREY	No Contact	None	Unknown	Unknown	Mailed letter in May 2013 with no response. Visited parcel on Rogers St on December 4, 2013. No contact in 2008.
651116	COTA,B A	COTA	No Contact	None	Unknown	Unknown	Mailed letter to parcel in May 2013 with no response. Well not located in 2008. Could not find Hogan St in Naco.
<b>Wells Determined to be Outside of the Study Area</b>							
520309	SAN JOSE RANCH,	SAN JOSE RANCH	Not in Study Area	None	None	None	Well is missing 10-acre quarter data from cadastral. 160-acre quarter data place the well outside the WIA.
570012	CITY OF BISBEE	COB WLA	Not in Study Area	None	Unknown	Unknown	Reported as abandoned in 2008 WI. Outside WIA based on ADWR records. Not on figures. Plots east of WIA off maps.
585547	UNIVERSITY OF ARIZONA-DEPT OF HYDROLOGY	UNIVERSITY OF ARIZONA	Not in Study Area	None	Unknown	Unknown	Well plots inside WIA but information from ADWR records indicate that it is not.
623280	MILLER, ALISON,B	MILLER 280	Not in Study Area	None	Unknown	Unknown	Well is missing 10-acre quarter data from cadastral. 160-acre quarter data place the well outside the WIA.
<b>Wells that could not be located</b>							
86091	WESTERN LANDSCAPE CO,	WESTERN LANDSCAPE CO.	Not Located	None	Unknown	Unknown	Naco Sanitary District owns property but does not know of well. NSD suggested contacting owner of San Jose Ranch. Ranch owner does not know of well. Property does not have any residential development
506034	JACKSON,J	JACKSON	Not Located	None	Unknown	Unknown	Well could not be located with available information. Well was not located in 2008.

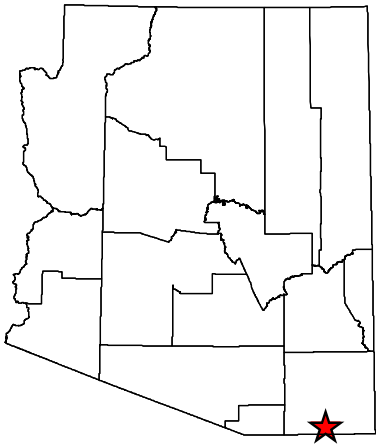
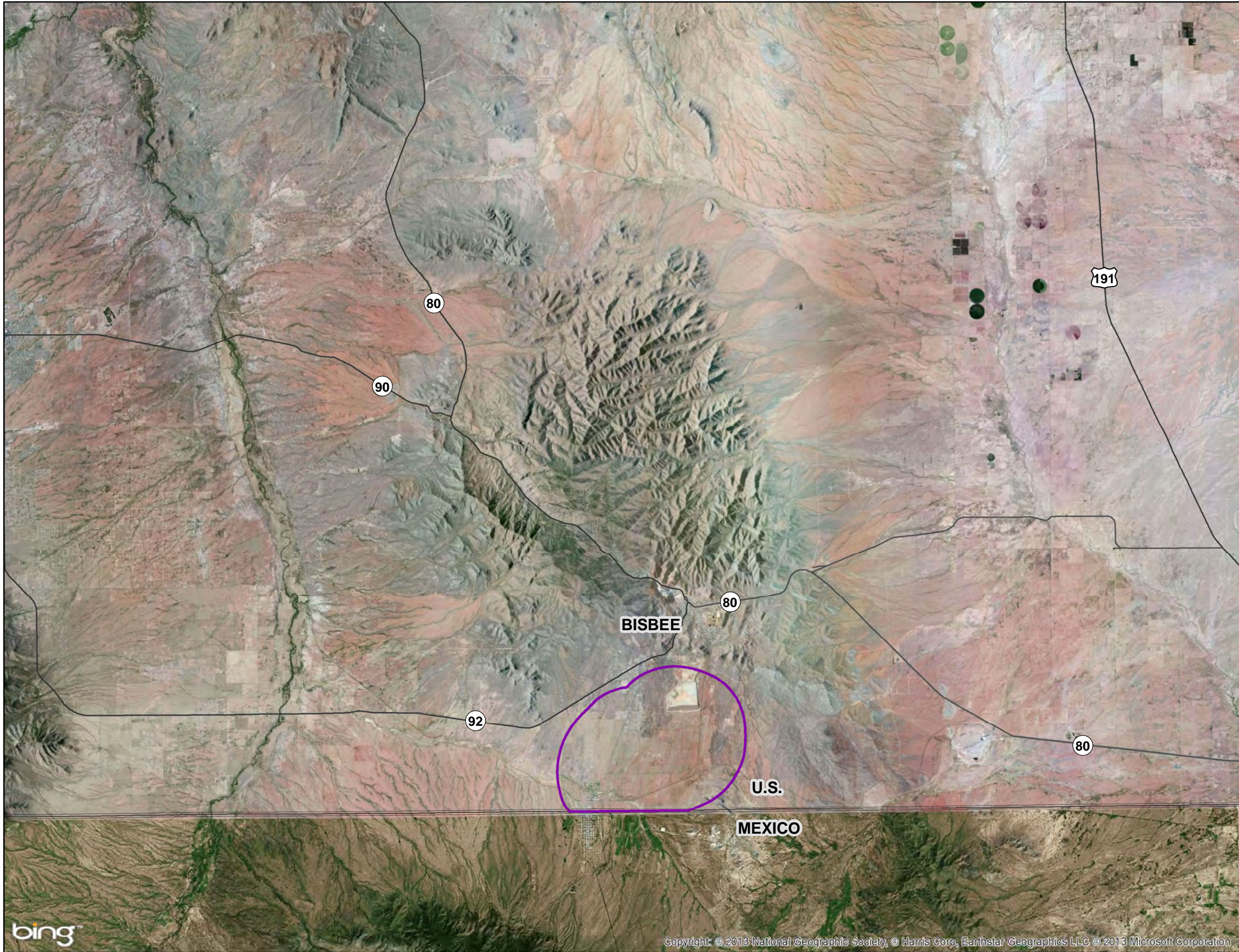
**TABLE 2  
Well Categorization**

Well Registry Number	Owner Name	Well Name	Category	MO Groundwater Monitoring Frequency	Operational	Usage	Comments
517526	ROSS, RICHARD,	ROSS	Not Located	None	Unknown	Unknown	Well plots on property owned by the Charlie Miller who has no knowledge of the well. Property does not have any residential development
616775	ANDERSON, M J	ANDERSON 775	Not Located	None	Unknown	Unknown	Owner declined in 2008. Location of well could not be determined from ADWR imaged records or 2008 WI data. No parcel owner by that name in the area around the presumed well site.
616776	ANDERSON, M J	ANDERSON 776	Not Located	None	Unknown	Unknown	Owner declined in 2008. Location of well could not be determined from ADWR imaged records or 2008 WI data. No parcel owner by that name in the area around the presumed well site.
632924	IRONS, LEE,	IRONS	Not Located	None	Unknown	Unknown	Confirmed by Steve Irons (owner's son) in May 2013 during a phone call in response to the mailing. Lee Irons has never found the well and has owned the property since the 1970's
648359	CHASE, C H	CHASE	Not Located	None	Unknown	Unknown	Well could not be located with available information. Well was not located in 2008.
648362	WILLSON, T J	WILSON 362	Not Located	None	Unknown	Unknown	Parcels listed on ADWR records put well on property owned by the McConnells. Russ McConnell has no knowledge of the well. Reported as a Stock well in 2008.
648363	BERNAL, L	BERNAL	Not Located	None	Unknown	Unknown	No contact in 2008. Well could not be located with ADWR records or information from the 2008 WI.
650662	MINNERLY, H R	MINNERLY	Not Located	None	Unknown	Unknown	Well could not be located with available information. Well was not located in 2008.
801607	HAUBERT, J M	HAUBERT	Not Located	None	Unknown	Unknown	Parcels listed on ADWR records put well on property owned by the McConnells. Russ McConnell has no knowledge of the well. Reported as a Stock well in 2008.

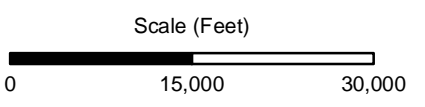
<sup>1</sup> Program 35 database well registration number



## FIGURES



**Legend**  
 [Purple Outline] Well Inventory Area  
 [Black Line] Road



Notes:

Projection: UTM Zone 12N NAD83



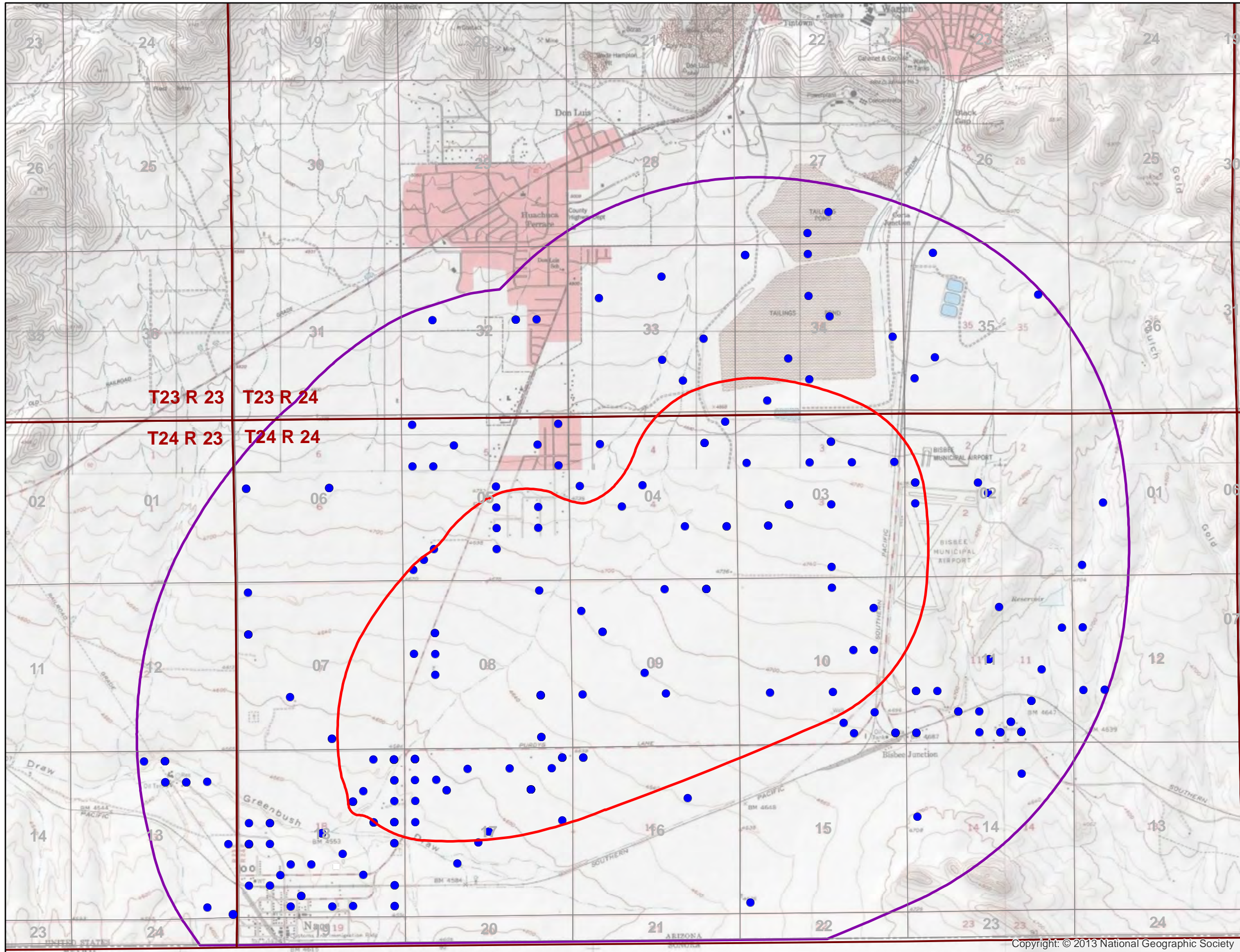
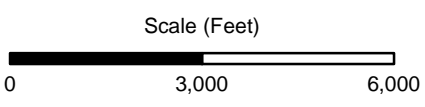
Date	2/21/13	File ID	055038-240
			

FIGURE 1  
 Project Location Map



**Legend**

- Well Inventory Area
- Wells Within WIA
- Estimated 250 mg/L Sulfate Concentration for first quarter 2012
- Township and Range



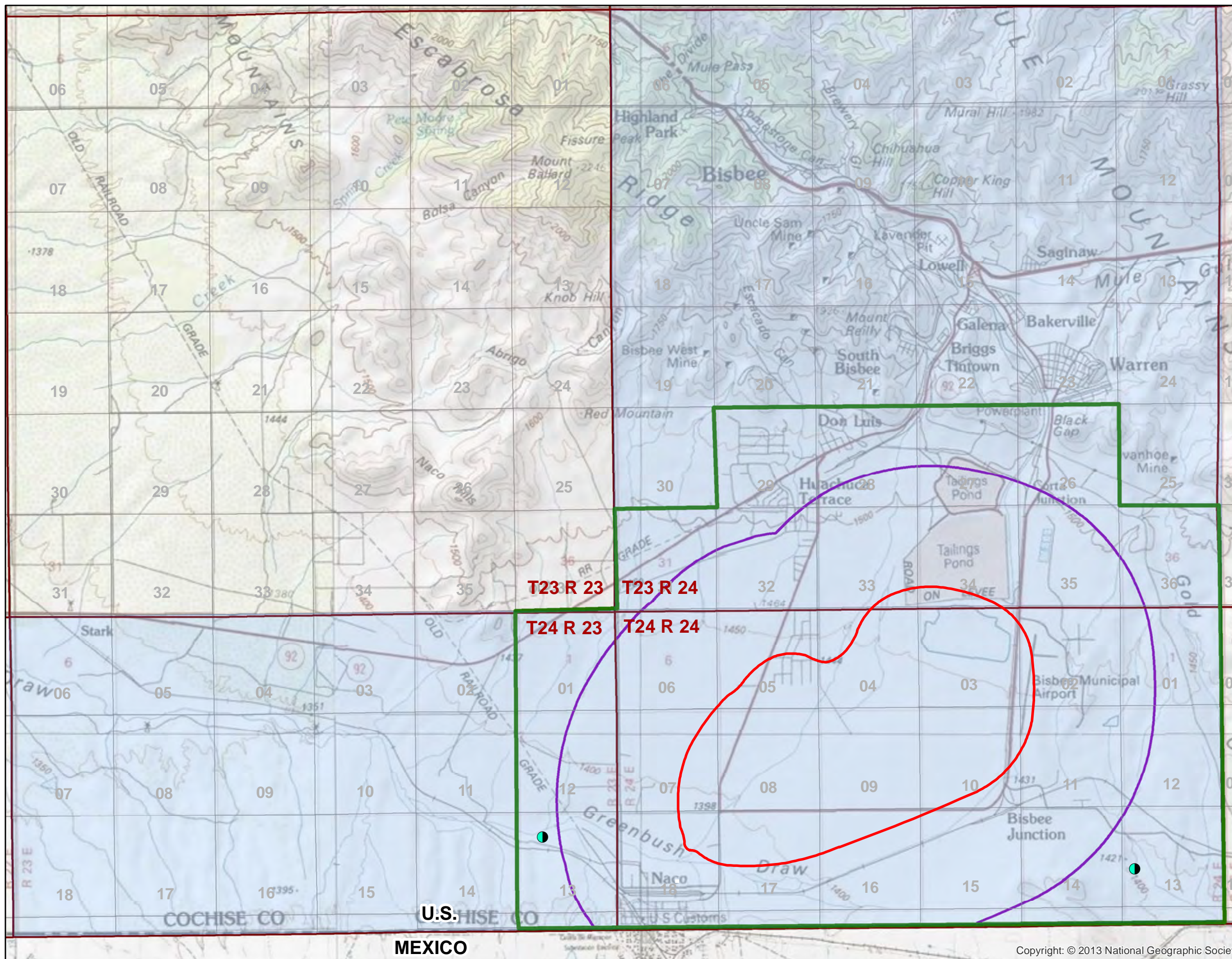
**Notes:**

Projection: UTM Zone 12N NAD83

Date 11/19/13	File ID 055038-327
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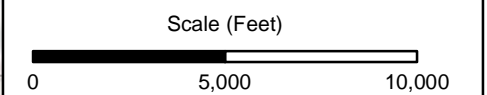


**FIGURE 2**  
Wells Within  
Well Inventory Area



**Legend**

- Township Screening
- Sections that Overlap WIA
- Wells with Partial Cadastrals in Overlapping Sections
- Well Inventory Area
- Estimated 250 mg/L Sulfate Concentration for first quarter 2012
- Township and Range

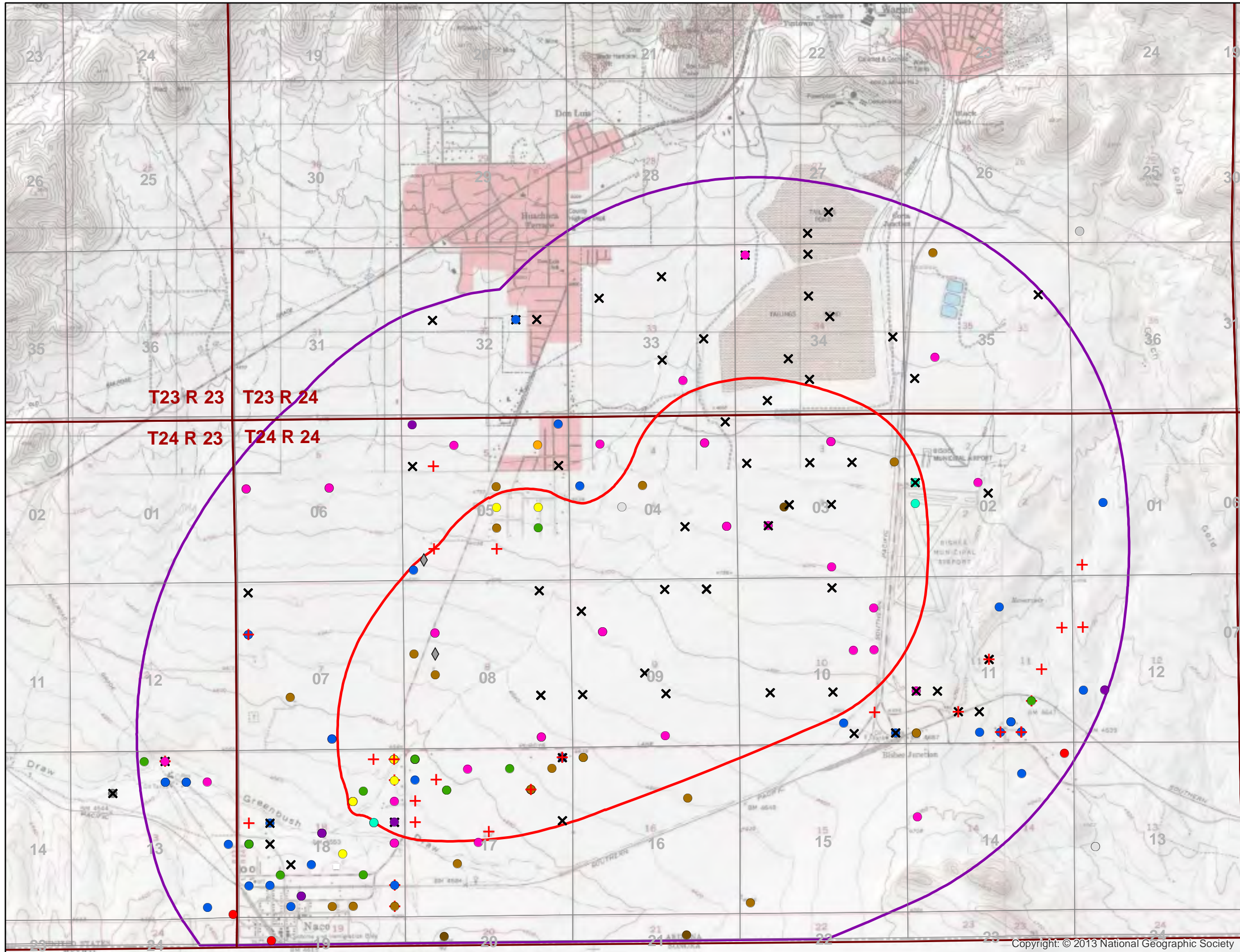


Notes:

Projection: UTM Zone 12N NAD83

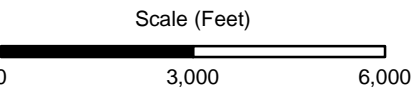
Date 12/9/13	File ID 055038-328

**FIGURE 3**  
Wells With Partial Cadastral Locations



**Legend**

- Well Inventory Area
  - Estimated 250 mg/L Sulfate Concentration for first quarter 2012
  - Township and Range
- Well Inventory Wells**
- x Abandoned/Cancelled
  - Domestic Non-Drinking Water
  - Drinking Water Supply
  - Dry
  - ◆ Duplicate Well
  - Geotechnical
  - + Inactive
  - Irrigation
  - Monitor Well
  - Well With Owner That Could Not Be Contacted
  - Well That Was Not Located
  - Not in Study Area



**Notes:**

Projection: UTM Zone 12N NAD83

Date 12/9/13	File ID 055038-330

**FIGURE 4**  
Categorized Wells

## **APPENDIX A**

### **Revised Groundwater Monitoring Schedule**

**Appendix A  
Revised Groundwater Monitoring Schedule**

<b>Well Name</b>	<b>ADWR 55 Registry Number</b>	<b>Semiannual Sampling First Quarter</b>	<b>Quarterly Sampling Second Quarter</b>	<b>Annual Sampling Third Quarter</b>	<b>Quarterly Sampling Fourth Quarter</b>
ANDERSON 396	613396	✓	✓	✓	✓
ANDERSON 458	221458	✓	✓	✓	✓
AWC-02	616586	✓	✓	✓	✓
AWC-03	616585	✓	✓	✓	✓
AWC-04	616584	✓	✓	✓	✓
AWC-05	590620	✓	✓	✓	✓
BANKS 986	647986	✓	✓	✓	✓
BANKS 987	647987	WLO		WLO	
BARTON 919	644919	WLO		WLO	
BF-01	539783			✓	
BIMA	577927	✓	✓	✓	✓
BMO-2008-1G	909474	✓		✓	
BMO-2008-3B	909147	✓		✓	
BMO-2008-4B	910096	✓		✓	
BMO-2008-5B	909653	✓	✓	✓	✓
BMO-2008-5M	909552	✓	✓	✓	✓
BMO-2008-6B	909146	✓	✓	✓	✓
BMO-2008-6M	909019	✓	✓	✓	✓
BMO-2008-7M	908794	✓		✓	
BMO-2008-8B	910097			✓	
BMO-2008-8M	909711	✓		✓	
BMO-2008-9M	909255	✓		✓	
BMO-2008-10GL	909435			✓	
BMO-2008-10GU	909272			✓	
BMO-2008-11G	909434	✓		✓	
BMO-2008-13B	909551			✓	
BMO-2008-13M	909760			✓	
BMO-2010-1M	219957	✓	✓	✓	✓
BMO-2010-2M	219958	✓	✓	✓	✓
BMO-2010-3B	219970	✓	✓	✓	✓
BMO-2010-3M	219969	✓	✓	✓	✓
BMO-2012-1M	221388	✓	✓	✓	✓
BOOTH	914931	✓	✓	✓	✓
BURKE	212268	✓	✓	✓	✓
CHAMBERS	629807	✓	✓	✓	✓
COB MW-1	903992			✓	
COB MW-2	903984	✓		✓	
COB MW-3	906823			✓	
COB WL	593116			✓	
COOPER	623564	✓	✓	✓	✓
COOPER C	637069	✓	✓	✓	✓
DODSON	644927	✓	✓	✓	✓
DOUGLASS 791	592791	WLO		WLO	
DOUGLASS 792	592792	WLO		WLO	

**Appendix A**  
**Revised Groundwater Monitoring Schedule**

Well Name	ADWR 55 Registry Number	Semiannual Sampling First Quarter	Quarterly Sampling Second Quarter	Annual Sampling Third Quarter	Quarterly Sampling Fourth Quarter
DURAZO	NR	✓	✓	✓	✓
EAST	599796	✓	✓	✓	✓
ECHAVE	219449	✓	✓	✓	✓
EPPELE 641	805641	✓	✓	✓	✓
FLEMING	218386	WLO		WLO	
FRANCO 101	500101	✓	✓	✓	✓
FRANCO 383	221383	✓	✓	✓	✓
FULTZ	212447	✓	✓	✓	✓
GARNER 557	558557	WLO		WLO	
GARNER 635	587635	✓	✓	✓	✓
GGOOSE 547	628547	✓		✓	
GOAR RANCH	610695	WLO		WLO	
HOBAN	805290	✓	✓	✓	✓
HOWARD NR	NR	✓	✓	✓	✓
HOWARD 312	221312	✓	✓	✓	✓
KEEFER	209744	✓	✓	✓	✓
MARCELL	NR	✓	✓	✓	✓
MCCONNELL 265	539265	✓	✓	✓	✓
MCCONNELL 459	221459	✓	✓	✓	✓
METZLER	35-71891	✓	✓	✓	✓
MOORE	538847	✓	✓	✓	✓
NESS	509127	✓		✓	
NOTEMAN	212483	✓	✓	✓	✓
NWC-02	562944	✓	✓	✓	✓
NWC-03	203321	✓	✓	✓	✓
NWC-03 CAP	627684	WLO		WLO	
NWC-04	551849	✓	✓	✓	✓
NWC-06	575700	✓	✓	✓	✓
OSBORN	643436	✓		✓	
PALMER	578819	✓	✓	✓	✓
PANAGAKOS	35-76413			✓	
PARRA	576415	✓	✓	✓	✓
PIONKE 395	613395	✓	✓	✓	✓
PIONKE 517	221517	✓	✓	✓	✓
POOL	509518	✓	✓	✓	✓
RAMIREZ	216425	✓	✓	✓	✓
RAY	803772	✓	✓	✓	✓
ROGERS 596	573596	✓	✓	✓	✓
ROGERS 803	641803	✓	✓	✓	✓
ROGERS E	216018	✓	✓	✓	✓
RUIZ	531770	✓	✓	✓	✓
SCHWARTZ	210865	✓	✓	✓	✓
STEPHENS	808560	WLO		WLO	
SUNBELT	201531	WLO		WLO	



**Appendix A**  
**Revised Groundwater Monitoring Schedule**

Well Name	ADWR 55 Registry Number	Semiannual Sampling First Quarter	Quarterly Sampling Second Quarter	Annual Sampling Third Quarter	Quarterly Sampling Fourth Quarter
SWAN	NR	✓		✓	
THOMPSON 151	612151	WLO		WLO	
THOMPSON 341	218341	✓	✓	✓	✓
TM-02A	522574	✓		✓	
TM-06 MILLER	522695			✓	
TM-07	522576	✓		✓	
TM-15 MILLER	522699			✓	
TM-16	522578			✓	
TM-19A	522580	✓		✓	
TM-42	562554			✓	
TVI 236	802236			✓	
TVI 713	567713	WLO		WLO	
TVI 875	568875	✓	✓	✓	✓
WEED	544535	✓	✓	✓	✓
WEISKOPF 802	641802	✓	✓	✓	✓
WEISKOPF 897	221897	✓	✓	✓	✓
ZANDER	205126	✓	✓	✓	✓

Notes:

35-71891 = ADWR 35 Database

ADWR = Arizona Department of Water Resources

NR = No Record

WLO = Water Level Only

## **APPENDIX B**

### **ADWR Database Data**

FID_	PROGRAM	REGISTRY_I	OWNER_NAME	RGR_PUMP_D	WELLTYPE	WELL_TYPE_	DLIC_NUM	APPROVED	INSTALLED	WELL_DEPTH	WATER_LEVE	CASING_DEP	CASING_DIA	CASING_TYP	PUMP_TYPE	PUMP_POWER	PUMPRATE	TESTEDRATE	DRAW_DOWN	COMPLETION	DRILL_LOG	WELL_CANCE	CADASTRAL	COUNTY	WATERSHED	BASIN_NAME	SUBBASIN_N	AMA	QUAD_CODE	WHOLE_TOWN	HALF_TOWNS	NORTHSOUTH	WHOLE_RANG	HALF_RANGE	EASTWEST	SECTION_	QUARTER_16	QACRE16ODI	QUARTER_40
55	85343	BANKS,D L		NO	EXEMPT	EXEMPT	0			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0			Y	D24024011CDA	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	C	SW	D
55	207236	JAMES E BURKE		NO	EXEMPT	EXEMPT	272	4/6/2005 12:00:00 AM		0	0	0	0				0	0	0			Y	D23024032ACD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	32	A	NE	C
55	215509	DON CAMPBELL		NO	EXEMPT	EXEMPT	726	4/20/2007 12:00:00 AM		0	0	0	0				0	0	0			Y	D24024011CDB	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	C	SW	D
55	221460	LEONARD W. HUTSON		NO	EXEMPT	EXEMPT	78	3/22/2012 12:00:00 AM		0	0	0	0				0	0	0				D24024017AAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	A
55	500431	DAVIES, DANIEL,R		NO	EXEMPT	EXEMPT	155			240	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0			Y	D24024018CAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	C	SW	A
55	500881	BINIEWSKI,F J		NO	EXEMPT	EXEMPT	516			150	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0			Y	D24024018CBA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	C	SW	B
55	506999	SOUTHEASTERN AZ GOV,		NO	EXPLORATION	OTHER	39			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X	Y	D24024002000	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	2	0		0
55	509394	BISBEE, CITY OF,		NO	EXPLORATION	OTHER	155			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0			Y	D24024009CBC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	9	C	SW	B
55	522569	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	25		11/1/1988 0:00	265	219	265	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	12	12	6	X	X	Y	D24024009AAB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	9	A	NE	A
55	522577	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	25		11/3/1988 0:00	940	0	930	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	8	7	136	X	X	Y	D23024033BCA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	33	B	NW	C
55	522693	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	25		1/17/1989 0:00	175	131	175	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	0	13	26	X	X	Y	D24024002BCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	2	B	NW	C
55	522822	NACO SANITARY DIST,		NO	MONITOR OR PIEZOMETER	MONITOR	0			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0			Y	D24023013ABB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	23	0	E	13	A	NE	B
55	525136	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		8/6/1989 0:00	140	91	140	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X	Y	D24024003CAB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	C	SW	A
55	525137	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		8/9/1989 0:00	165	89	165	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X	Y	D24024003CAB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	C	SW	A
55	525139	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		10/3/1989 0:00	380	260	380	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	10	2	40	X	X	Y	D23024035ADB	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	35	A	NE	D
55	525140	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		10/26/1989 0:00	500	0	500	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X	Y	D23024034BBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	34	B	NW	B
55	525141	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		8/10/1989 0:00	165	89	165	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	10	13	4	X	X	Y	D24024003CAB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	C	SW	A
55	525142	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		8/4/1989 0:00	140	59	139	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	10	12	31	X	X	Y	D23024035CCB	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	35	C	SW	C
55	525143	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		9/5/1989 0:00	410	304	367	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	10	10	45	X	X	Y	D23024033DBC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	33	D	SE	B
55	525145	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		8/18/1989 0:00	805	0	104	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X	Y	D23024034BAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	34	B	NW	A
55	525548	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		9/25/1989 0:00	700	162	555	14	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X	Y	D24024008DAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	8	D	SE	A
55	525551	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0			Y	D24024017ADD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	D
55	525552	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		10/9/1989 0:00	700	190	700	14	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	40	37	32	X	X	Y	D24024009BBC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	9	B	NW	B

FID_	PROGRAM	REGISTRY_I	OWNER_NAME	RGR_PUMP_D	WELLTYPE	WELL_TYPE_	DLIC_NUM	APPROVED	INSTALLED	WELL_DEPTH	WATER_LEVE	CASING_DEP	CASING_DIA	CASING_TYP	PUMP_TYPE	PUMP_POWER	PUMPRATE	TESTEDRATE	DRAW_DOWN	COMPLETION	DRILL_LOG	WELL_CANCE	CADASTRAL	COUNTY	WATERSHED	BASIN_NAME	SUBBASIN_N	AMA	QUAD_CODE	WHOLE_TOWN	HALF_TOWNS	NORTHSOUTH	WHOLE_RANG	HALF_RANGE	EASTWEST	SECTION_	QUARTER_16	QACRE160DI	QUARTER_40
55	525553	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		10/3/1989 0:00	700	186	700	14	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	43	43	2	X	X	Y	D24024009CAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	9	C	SW	A
55	525554	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		10/22/1989 0:00	440	184	440	14	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	45	45	40	X	X	Y	D24024010CBD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	10	C	SW	B
55	525556	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		9/11/1989 0:00	265	217	265	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X	Y	D24024009AAB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	9	A	NE	A
55	525557	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		9/9/1989 0:00	265	223	265	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X	Y	D24024009AAB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	9	A	NE	A
55	525558	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		9/13/1989 0:00	210	163	210	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	40	47	26	X	X	Y	D24024008DAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	8	D	SE	A
55	525559	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	425		9/26/1989 0:00	700	180	555	10	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	10	10	2	X	X	Y	D24024008DAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	8	D	SE	A
55	529361	COCHISE COUNTY,		NO	NON-EXEMPT	NON-EXEMPT	272		9/12/1990 0:00	400	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X	Y	D23024032BCD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	32	B	NW	C
55	539727	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024007BBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	7	B	NW	B
55	539728	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024005BCB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	B	NW	C
55	539729	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024008DAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	8	D	SE	A
55	539730	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024009DBC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	9	D	SE	B
55	539731	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024010DBC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	10	D	SE	B
55	539732	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024010ABB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	10	A	NE	B
55	539733	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024009ABB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	9	A	NE	B
55	539734	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024008AAB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	8	A	NE	A
55	539735	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024004DBD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	4	D	SE	B
55	539736	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024003DBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	D	SE	B
55	539737	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024003ACA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	A	NE	C
55	539738	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024003BCB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	B	NW	C
55	539739	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	269			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D24024003BDA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	B	NW	D
55	539740	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	498			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D23024034ACC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	34	A	NE	C
55	539741	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	498			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D23024034CAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	34	C	SW	A
55	539742	PHELPS DODGE CORP,		NO	MONITOR OR PIEZOMETER	MONITOR	498			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D23024027CDD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	27	C	SW	D

FID_	PROGRAM	REGISTRY_I	OWNER_NAME	RGR_PUMP_D	WELLTYPE	WELL_TYPE_	DLIC_NUM	APPROVED	INSTALLED	WELL_DEPTH	WATER_LEVE	CASING_DEP	CASING_DIA	CASING_TYP	PUMP_TYPE	PUMP_POWER	PUMPRATE	TESTEDRATE	DRAW_DOWN	COMPLETION	DRILL_LOG	WELL_CANCE	CADASTRAL	COUNTY	WATERSHED	BASIN_NAME	SUBBASIN_N	AMA	QUAD_CODE	WHOLE_TOWN	HALF_TOWNS	NORTHSOUTH	WHOLE_RANG	HALF_RANGE	EASTWEST	SECTION_	QUARTER_16	QACRE160DI	QUARTER_40
55	539743		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	498			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N		Y	D23024027DCB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	27	D	SE	C
55	539785		FREEMPORT-MCMORAN CORPORATION, COPPER QUEEN BRANCH	NO	MONITOR OR PIEZOMETER	MONITOR	78		8/20/1993 0:00	833	778	468	10	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	A	X	Y	D23024034BDA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	34	B	NW	D
55	539787		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	314		8/14/1993 0:00	605	0	560	10	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X	Y	D23024033DAB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	33	D	SE	A
55	544685		PATSI, JOHN,	NO	EXEMPT	EXEMPT	133			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0			Y	D24024005ADA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	A	NE	D
55	556161		TURQUOISE VALLEY INC	NO	EXEMPT	EXEMPT	344			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	I		Y	D24024018BCD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	B	NW	C
55	581107		JAMES A BUSK	NO	EXEMPT	EXEMPT	133	5/11/2000 12:00:00 AM		0	0	0	0				0	0	0			Y	D24024010DCD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	10	D	SE	C
55	582581		COCHISE COUNTY HIGHWAY DEPARTMENT	NO	GEOTECHNICAL	OTHER	675	8/1/2000 12:00:00 AM	8/16/2000 0:00	82	0	0	0				0	0	0		X		D24024011000	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11			
55	582582		COCHISE COUNTY HIGHWAY DEPARTMENT	NO	GEOTECHNICAL	OTHER	161	8/1/2000 12:00:00 AM	8/17/2000 0:00	68	0	0	0				0	0	0		X		D24024011000	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11			
55	626702		UNION PACIFIC RAILROAD COMPANY	NO	NON-EXEMPT	NON-EXEMPT	0		1/31/1918 0:00	379	216	379	16	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	175	175	0	X			D24024010DDD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	10	D	SE	D
55	627685		NACO WATER CO,	NO	NON-EXEMPT	NON-EXEMPT	0		12/31/1926 0:00	379	216	379	16	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	180	180	0	X			D24024010DDD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	10	D	SE	D
55	628546		FREEMPORT-MCMORAN CORPORATION, COPPER QUEEN BRANCH	NO	NON-EXEMPT	NON-EXEMPT	78		2/11/1963 0:00	800	143	430	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	100	100	0	A		Y	D24024011CBC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	C	SW	B
55	628547		FREEMPORT-MCMORAN CORPORATION, COPPER QUEEN BRANCH	NO	NON-EXEMPT	NON-EXEMPT	78		8/18/1961 0:00	800	104	800	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	100	100	0				D24024011CBD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	C	SW	B
55	805326		PHELPS DODGE CORP,	NO	EXEMPT	EXEMPT	0		10/23/1954 0:00	700	151	0	16	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	8	0	0			Y	D23024034CCD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	34	C	SW	C
55	645536		BLOMMER,F V	NO	EXEMPT	EXEMPT	0		11/13/1978 0:00	350	244	350	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	35	35	0				D24024005ACC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	A	NE	C
55	610686		GOAR SEV & SUPPLY,	NO	NON-EXEMPT	NON-EXEMPT	0		1/1/1950 0:00	250	175	250	10	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	60	0	0				D24024017A00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	0
55	610687		GOAR SEV & SUPPLY,	NO	NON-EXEMPT	NON-EXEMPT	0		1/1/1950 0:00	250	175	250	10	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	60	0	0				D24024017A00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	0
55	610688		GOAR SEV & SUPPLY,	NO	NON-EXEMPT	NON-EXEMPT	0		1/1/1950 0:00	250	175	250	10	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	60	0	0				D24024017A00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	0
55	610689		GOAR SEV & SUPPLY,	NO	NON-EXEMPT	NON-EXEMPT	0		1/1/1950 0:00	250	175	250	10	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	60	0	0				D24024017A00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	0
55	610690		GOAR SEV & SUPPLY,	NO	NON-EXEMPT	NON-EXEMPT	0		1/1/1950 0:00	250	175	250	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024017B00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	B	NW	0
55	610691		GOAR SEV & SUPPLY,	NO	NON-EXEMPT	NON-EXEMPT	0		1/1/1950 0:00	250	175	250	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024017A00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	0
55	610692		GOAR SEV & SUPPLY,	NO	NON-EXEMPT	NON-EXEMPT	0		1/1/1950 0:00	250	175	250	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024017A00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	0
55	610693		GOAR SEV & SUPPLY,	NO	EXEMPT	EXEMPT	0		1/1/1950 0:00	250	175	250	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	15	0	0				D24024017A00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	0
55	610694		GOAR SEV & SUPPLY,	NO	EXEMPT	EXEMPT	0		1/1/1950 0:00	250	175	250	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	15	0	0				D24024017A00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	0

FID_	PROGRAM	REGISTRY_I	OWNER_NAME	RGR_PUMP_D	WELLTYPE	WELL_TYPE_	DLIC_NUM	APPROVED	INSTALLED	WELL_DEPTH	WATER_LEVE	CASING_DEP	CASING_DIA	CASING_TYP	PUMP_TYPE	PUMP_POWER	PUMPRATE	TESTEDRATE	DRAW_DOWN	COMPLETION	DRILL_LOG	WELL_CANCE	CADASTRAL	COUNTY	WATERSHED	BASIN_NAME	SUBBASIN_N	AMA	QUAD_CODE	WHOLE_TOWN	HALF_TOWNS	NORTHSOUTH	WHOLE_RANG	HALF_RANGE	EASTWEST	SECTION_	QUARTER_16	QACRE160DI	QUARTER_40	
55	630852	JENNY,B H		NO	EXEMPT	EXEMPT	0			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0					D24024011DC0	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	D	SE	C
55	641340	MILLER,C R		NO	EXEMPT	EXEMPT	0		1/1/1940 0:00	200	150	200	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	10	10	0					D24024007CAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	7	C	SW	A
55	648360	RODRIGUEZ,M R		NO	EXEMPT	EXEMPT	0			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0					D24024018DCD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	D	SE	C
55	649994	SHAFER,E E		NO	EXEMPT	EXEMPT	0		7/15/1966 0:00	162	120	162	8	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	30	30	0					D24024018DCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	D	SE	C
55	650256	MENDEZ,A A		NO	EXEMPT	EXEMPT	0		1/1/1938 0:00	160	120	100	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0					D24024018DDD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	D	SE	D
55	633472	BLOMMER,F V		NO	EXEMPT	EXEMPT	0		11/1/1978 0:00	350	244	350	7	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	35	35	0					D24024005CC0	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	C	SW	C
55	647003	KENNEDY,D C		NO	EXEMPT	EXEMPT	0			110	60	0	0	OTHER - BLACK STEEL - IRON - SEAMLESS	NO PUMP CODE LISTED	NO POWER CODE LISTED	2	2	0					D24024008BCD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	8	B	NW	C
55	532135	SOUTHWEST GAS CORP,		NO	EXPLORATION	OTHER	392		7/25/1991 0:00	228	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X			D24024018AAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	A
55	532136	SOUTHWEST GAS CORP,		NO	EXPLORATION	OTHER	392		7/29/1991 0:00	228	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X			D24024005AAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	A	NE	A
55	201531	SUNBELT MARKETING INC		NO	EXEMPT	EXEMPT	133	12/4/2003 12:00:00 AM	1/15/2004 0:00	380	296	380	7	PLASTIC OR PVC			0	0	0		X			D24024003ADA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	A	NE	D
55	203321	NACO WATER CO		NO	EXEMPT	EXEMPT	272	5/12/2004 12:00:00 AM	6/22/2004 0:00	312	140	312	7	STEEL - PERFORATED OR SLOTTED CASING			0	0	0		X			D24024018ADD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	D
55	205126	LEE E. HAYES		NO	EXEMPT	EXEMPT	736	9/13/2004 12:00:00 AM	2/10/2005 0:00	280	165	260	6	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	106	106	145	X	X			D24024018CBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	C	SW	B
55	209744	CRAIG KEEFER		NO	EXEMPT	EXEMPT	14	10/21/2005 12:00:00 AM	11/15/2005 0:00	245	136	245	6	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	25	20	6	X	X			D24024018CBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	C	SW	B
55	210865	ROBERT & ELIZABETH SCHWARTZ		NO	NON-EXEMPT	NON-EXEMPT	736	2/7/2006 12:00:00 AM	6/11/2006 0:00	305	123	305	6	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	16	16	155	X	X			D24024018ADC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	D
55	212268	JAMES E BURKE		NO	EXEMPT	EXEMPT	133	5/15/2006 12:00:00 AM	10/11/2006 0:00	781	613	781	7	PLASTIC OR PVC			0	0	0		X			D23024032ACD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	32	A	NE	C
55	212447	RICHARD & JULIE FULTZ		NO	EXEMPT	EXEMPT	14	5/24/2006 12:00:00 AM	6/23/2006 0:00	300	124	300	5	PLASTIC OR PVC			0	0	0		X			D24024011DCC	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	D	SE	C
55	212483	THOMAS A & KATHLEEN E BAILEY		NO	EXEMPT	EXEMPT	177	6/5/2006 12:00:00 AM		0	0	0	0				0	0	0					D24024002BCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	2	B	NW	C
55	216018	ERNEST M. ROGERS		NO	EXEMPT	EXEMPT	736	8/14/2007 12:00:00 AM	9/10/2007 0:00	285	145	285	6	PLASTIC OR PVC			0	0	0		X			D24024018BCD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	B	NW	C
55	216425	ROBERTO & AIDA RAMIREZ		NO	EXEMPT	EXEMPT	736	9/10/2007 12:00:00 AM	11/21/2007 0:00	6	300	300	0	PLASTIC OR PVC			0	0	0		X			D24024018CCB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	C	SW	C
55	218386	KENNETH FLEMING		NO	EXEMPT	EXEMPT	736	9/25/2008 12:00:00 AM	2/7/2009 0:00	445	200	445	7	PLASTIC OR PVC			0	0	0		X			D24024010DDB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	10	D	SE	D
55	219449	ALBERT ECHAVE		NO	EXEMPT	EXEMPT	133	12/28/2009 12:00:00 AM		345	214	345	6	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	5	7	6	X	X			D24024007BCB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	7	B	NW	C
55	221312	JOEL HOWARD		NO	EXEMPT	EXEMPT	78	2/8/2012 12:00:00 AM		0	0	0	0				0	0	0					D24024017BBC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	B	NW	B
55	221383	IRMA V. FRANCO, ET AL		NO	EXEMPT	EXEMPT	78	3/12/2012 12:00:00 AM		0	0	0	0				0	0	0					D24024016BBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	16	B	NW	B

FID_	PROGRAM	REGISTRY_I	OWNER_NAME	RGR_PUMP_D	WELLTYPE	WELL_TYPE_	DLIC_NUM	APPROVED	INSTALLED	WELL_DEPTH	WATER_LEVE	CASING_DEP	CASING_DIA	CASING_TYP	PUMP_TYPE	PUMP_POWER	PUMPRATE	TESTEDRATE	DRAW_DOWN	COMPLETION	DRILL_LOG	WELL_CANCE	CADASTRAL	COUNTY	WATERSHED	BASIN_NAME	SUBBASIN_N	AMA	QUAD_CODE	WHOLE_TOWN	HALF_TOWNS	NORTHSOUTH	WHOLE_RANG	HALF_RANGE	EASTWEST	SECTION_	QUARTER_16	QACRE160DI	QUARTER_40
55	221458	PHYLLIS ANDERSON		NO	EXEMPT	EXEMPT	78	3/22/2012 12:00:00 AM		0	0	0	0				0	0	0				D24024018AAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	A
55	221459	VIRGINIA MC'CONNELL		NO	EXEMPT	EXEMPT	78	3/22/2012 12:00:00 AM		0	0	0	0				0	0	0				D24024017AAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	A
55	500101	FRANCO,J		NO	EXEMPT	EXEMPT	80		7/1/1981 0:00	200	120	200	6	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	25	25	0	X	X		D24024016BBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	16	B	NW	B
55	509127	NESS,R		NO	EXEMPT	EXEMPT	155		1/30/1985 0:00	812	588	812	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	6	6	0	X	X		D24024001CBA	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	1	C	SW	B
55	509518	POOL,J W		NO	EXEMPT	EXEMPT	155		12/12/1984 0:00	313	174	313	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	30	30	0	X	X		D24024007BCB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	7	B	NW	C
55	531770	RUIZ, DAVID,G		NO	NON-EXEMPT	NON-EXEMPT	344		5/29/1991 0:00	312	254	312	6	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	10	10	0	X	X		D24024004BCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	4	B	NW	C
55	538847	PATRICK B MOORE		NO	EXEMPT	EXEMPT	344		4/24/1993 0:00	220	125	220	6	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	10	25	0	X	X		D24023013DAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	23	0	E	13	D	SE	A
55	539265	MCCONNELL, LEONARD,		NO	EXEMPT	EXEMPT	273		7/6/1993 0:00	216	165	216	8	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	20	20	0	X	X		D24024017BBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	B	NW	B
55	544535	ROZZANO, MARY,		NO	EXEMPT	EXEMPT	344		7/9/1994 0:00	320	226	320	6	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	20	24	15	X	X		D24024005CCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	C	SW	C
55	551849	UNION PACIFIC RAILROAD COMPANY		YES	NON-EXEMPT	NON-EXEMPT	272		8/24/1995 0:00	462	375	462	10	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	C	X		D24024010DDD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	10	D	SE	D
55	558557	GARVER, TERRY,		NO	EXEMPT	EXEMPT	133		9/4/1996 0:00	300	170	310	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	16	16	14	X	X		D24024017BBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	B	NW	B
55	562944	NACO WATER CO,		YES	NON-EXEMPT	NON-EXEMPT	272		6/11/1997 0:00	312	150	312	8	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0		X		D24024018CAD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	C	SW	A
55	567713	TURQUOISE VALLEYLAND CO INC		NO	NON-EXEMPT	NON-EXEMPT	272	3/27/1998 12:00:00 AM	4/14/1998 0:00	200	100	144	10	STEEL - PERFORATED OR SLOTTED CASING			0	0	0		X		D24024018BCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	B	NW	C
55	568875	PETER J LAWSON		NO	NON-EXEMPT	NON-EXEMPT	272	6/19/1998 12:00:00 AM	6/14/1998 0:00	330	140	330	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 16 - 100 HP	500	500	0	X	X		D24024018ACA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	C
55	573596	MILTON K LUNA		NO	EXEMPT	EXEMPT	272	3/19/1999 12:00:00 AM	9/16/1999 0:00	290	140	290	6	STEEL - PERFORATED OR SLOTTED CASING			0	0	0		X		D24024018ADC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	D
55	575700	NACO WATER CO		YES	NON-EXEMPT	NON-EXEMPT	272	7/20/1999 12:00:00 AM	9/15/1999 0:00	410	140	340	8	STEEL - PERFORATED OR SLOTTED CASING			0	0	0		X		D24024018CCA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	C	SW	C
55	576415	STEVE A PARRA		NO	EXEMPT	EXEMPT	133	7/27/1999 12:00:00 AM	10/6/1999 0:00	355	263	355	4	PLASTIC OR PVC			0	0	0		X		D24024005DBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	D	SE	B
55	577927	BIMA LLC		NO	EXEMPT	EXEMPT	565	5/12/2004 12:00:00 AM	9/17/2004 0:00	465	341	465	5	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	10	10	14	X	X		D24024002CBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	2	C	SW	B
55	578819	KRISTINE DANIELS		NO	EXEMPT	EXEMPT	344	12/29/1999 12:00:00 AM	1/10/2000 0:00	220	68	220	6	PLASTIC OR PVC			0	0	0		X		D24024012CBC	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	12	C	SW	B
55	587635	TERRY S GARNER		NO	EXEMPT	EXEMPT	360	7/5/2001 12:00:00 AM	10/12/2001 0:00	680	180	660	5	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	20	20	230	X	X		D24024017AAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	A
55	590620	ARIZONA WATER COMPANY PWS ID# 04-07-128		YES	NON-EXEMPT	NON-EXEMPT	360	1/23/2002 12:00:00 AM	6/24/2002 0:00	1183	0	1183	16	STEEL - PERFORATED OR SLOTTED CASING	TURBINE	ELECTRIC MOTOR 16 - 100 HP	600	0	0	X	X		D24023013ABD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	23	0	E	13	A	NE	B
55	592791	JAMES P DOUGLASS		NO	EXEMPT	EXEMPT	177	6/3/2002 12:00:00 AM		200	110	200	6	PLASTIC OR PVC			0	0	0		X		D24024012BCB	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	12	B	NW	C
55	592792	JAMES P DOUGLASS		NO	EXEMPT	EXEMPT	177	6/3/2002 12:00:00 AM		200	110	200	6	PLASTIC OR PVC			0	0	0		X		D24024011DAB	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	D	SE	A

FID_	PROGRAM	REGISTRY_I	OWNER_NAME	RGR_PUMP_D	WELLTYPE	WELL_TYPE_	DLIC_NUM	APPROVED	INSTALLED	WELL_DEPTH	WATER_LEVE	CASING_DEP	CASING_DIA	CASING_TYP	PUMP_TYPE	PUMP_POWER	PUMPRATE	TESTEDRATE	DRAW_DOWN	COMPLETION	DRILL_LOG	WELL_CANCE	CADASTRAL	COUNTY	WATERSHED	BASIN_NAME	SUBBASIN_N	AMA	QUAD_CODE	WHOLE_TOWN	HALF_TOWNS	NORTHSOUTH	WHOLE_RANG	HALF_RANGE	EASTWEST	SECTION_	QUARTER_16	QACRE16ODI	QUARTER_40
55	599796	LEON & MARY EAST	NO	EXEMPT	EXEMPT	565	8/5/2003 12:00:00 AM			125	35	125	7	PLASTIC OR PVC			0	0	0		X		D24024014ABD	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	14	A	NE	B
55	610695	GOAR,S	NO	EXEMPT	EXEMPT	0		1/1/1950 0:00		250	175	250	7	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	15	0	0				D24024017A00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	0
55	613395	CLARKE & PATRICIA RAYMOND	NO	NON-EXEMPT	NON-EXEMPT	0		1/1/1964 0:00		300	0	300	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	200	200	0				D24024018AAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	A
55	613396	SHAMRELL,R	NO	EXEMPT	EXEMPT	0		1/1/1954 0:00		236	126	110	8	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	20	20	0		N		D24024018AAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	A
55	616584	AZ WATER COMPANY,	YES	NON-EXEMPT	NON-EXEMPT	0		1/1/1959 0:00		337	337	0	16	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	1400	1400	0				D24023013ABC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	23	0	E	13	A	NE	B
55	616585	AZ WATER COMPANY,	YES	NON-EXEMPT	NON-EXEMPT	0		7/20/1956 0:00		270	108	269	16	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	850	850	0				D24023013ABD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	23	0	E	13	A	NE	B
55	616586	AZ WATER COMPANY,	YES	NON-EXEMPT	NON-EXEMPT	0		1/1/1955 0:00		333	100	333	20	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	600	600	0				D24023013ABC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	23	0	E	13	A	NE	B
55	623564	DON & THERESA LAEDING	NO	NON-EXEMPT	NON-EXEMPT	0		12/20/1979 0:00		325	254	325	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	30	30	0				D24024005AAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	A	NE	A
55	627683	NACO WATER CO,	NO	NON-EXEMPT	NON-EXEMPT	0		8/2/1959 0:00		210	131	210	8	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	175	175	0				D24024018CD0	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	C	SW	D
55	627684	NACO WATER CO,	NO	NON-EXEMPT	NON-EXEMPT	0		1/1/1930 0:00		179	94	160	8	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	35	35	0				D24024018ADD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	D
55	629807	SLOAN,F G	NO	EXEMPT	EXEMPT	0		1/1/1977 0:00		245	137	245	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	28	28	0				D24024018CDC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	C	SW	D
55	641801	LUNA,M K	NO	EXEMPT	EXEMPT	0		1/1/1960 0:00		142	92	142	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	20	20	0				D24024018AAD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	A
55	641802	GROUT, PETER,T	NO	EXEMPT	EXEMPT	0		1/1/1960 0:00		200	0	200	6	WALLED OR SHORED	NO PUMP CODE LISTED	NO POWER CODE LISTED	25	25	0				D24024018AAD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	A
55	641803	LUNA,M K	NO	EXEMPT	EXEMPT	0		1/1/1960 0:00		140	92	140	6	WALLED OR SHORED	NO PUMP CODE LISTED	NO POWER CODE LISTED	20	20	0				D24024018DDA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	D	SE	D
55	643436	OSBORN, DALE,G	NO	EXEMPT	EXEMPT	133		8/5/1993 0:00		258	94	258	6	PLASTIC OR PVC	NO PUMP CODE LISTED	NO POWER CODE LISTED	20	0	0				D24024011ABC	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	A	NE	B
55	644919	BARTON,L K	NO	EXEMPT	EXEMPT	0				130	90	130	6	OTHER - BLACK STEEL - IRON - SEAMLESS	NO PUMP CODE LISTED	NO POWER CODE LISTED	15	15	0				D24024011CCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	C	SW	C
55	644927	JOHN & JENNIFER DODSON	NO	EXEMPT	EXEMPT	0		10/1/1959 0:00		200	96	200	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	15	15	0				D24024010DC0	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	10	D	SE	C
55	647986	BANKS,D L	NO	EXEMPT	EXEMPT	155	6/16/1980 12:00:00 AM	7/7/1980 0:00		445	300	10	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	10	3	240	X	X		D24024011CDD	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	C	SW	D
55	647987	BANKS,D L	NO	EXEMPT	EXEMPT	0				339	300	0	6	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	10	10	0				D24024011000	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	0	0	0
55	802236	BISBEE, CITY OF,	NO	NON-EXEMPT	NON-EXEMPT	0		2/14/1934 0:00		222	100	222	11	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	600	600	0				D24024018DB0	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	D	SE	B
55	803772	LAWRENCE, RAY,E	NO	EXEMPT	EXEMPT	0				100	60	0	8	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	35	0	0				D24024011DC0	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	D	SE	C
55	805641	EPPELE, DAVID,L	NO	EXEMPT	EXEMPT	0				265	30	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	6	0	0				D24024011DCD	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	D	SE	C
55	808560	JUSTIN & CRYSTAL CLEWLEY	NO	EXEMPT	EXEMPT	0				0	0	0	0				0	0	0				D24024011DCC	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	D	SE	C



FID_	PROGRAM	REGISTRY_I	OWNER_NAME	RGR_PUMP_D	WELLTYPE	WELL_TYPE_	DLIC_NUM	APPROVED	INSTALLED	WELL_DEPTH	WATER_LEVE	CASING_DEP	CASING_DIA	CASING_TYP	PUMP_TYPE	PUMP_POWER	PUMPRATE	TESTEDRATE	DRAW_DOWN	COMPLETION	DRILL_LOG	WELL_CANCE	CADASTRAL	COUNTY	WATERSHED	BASIN_NAME	SUBBASIN_N	AMA	QUAD_CODE	WHOLE_TOWN	HALF_TOWNS	NORTHSOUTH	WHOLE_RANG	HALF_RANGE	EASTWEST	SECTION_	QUARTER_16	QACRE160DI	QUARTER_40
55	903992	CITY OF BISBEE		NO	EXEMPT	EXEMPT	78	1/12/2006 7:47:24 AM	3/2/2006 0:00	420	240	420	0	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	115	0	0	X	X		D24024009BCA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	9	B	NW	C
55	85010	BARTON,L K		NO	EXEMPT	EXEMPT	133		1/1/1981 0:00	300	168	300	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	0	13	12				D24024011CCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	C	SW	C
55	209737	JALYN ASSOCIATES LLC		NO	EXEMPT	EXEMPT	14	10/17/2005 12:00:00 AM	11/16/2005 0:00	245	150	245	6	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	25	0	0	X	X		D24024017BBD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	B	NW	B
55	507823	SAYRE,J		NO	EXEMPT	EXEMPT	155		5/4/1984 0:00	313	208	313	5	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	C	X		D24024005DBC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	D	SE	B
55	510298	YATES,J		NO	EXEMPT	EXEMPT	155		4/19/1985 0:00	788	0	788	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X		D23024032ADC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	32	A	NE	D
55	565260	JAMES K COLLINS		NO	EXEMPT	EXEMPT	565	10/31/1997 12:00:00 AM	12/16/1997 0:00	320	250	320	5	PLASTIC OR PVC			0	0	0		X		D24024005DAB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	D	SE	A
55	587749	EDITH DOUGLASS		NO	EXEMPT	EXEMPT	177	7/10/2001 12:00:00 AM		400	350	400	5	PLASTIC OR PVC			0	0	0		X	N	D24024011ADA	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	A	NE	D
55	588270	SUNNYSIDE HOLDINGS LLC		NO	EXEMPT	EXEMPT	565	8/7/2001 12:00:00 AM	8/28/2001 0:00	200	115	200	6	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	10	10	125	X	X		D24024017BCB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	B	NW	C
55	602134	BOB R BULLARD		NO	EXEMPT	EXEMPT	0		9/6/1974 0:00	300	80	300	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	25	25	0				D24024005DCB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	D	SE	C
55	606854	HULL,C W		NO	NON-EXEMPT	NON-EXEMPT	0		1/1/1915 0:00	25	220	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	200	200	0				D24024005CCA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	C	SW	C
55	606855	HULL,C W		NO	EXEMPT	EXEMPT	0		1/1/1915 0:00	400	240	200	8	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	35	35	0				D24024005BCA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	B	NW	C
55	618175	UNITED EVANGELISM,		NO	NON-EXEMPT	NON-EXEMPT	0		6/26/1972 0:00	301	95	301	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	100	100	0				D24024017BCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	B	NW	C
55	627696	NACO WATER CO,		NO	EXEMPT	EXEMPT	0		1/1/1960 0:00	175	104	86	10	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	35	35	0				D24024011D00	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	D	SE	0
55	633316	LAWRENCE J MINER		NO	EXEMPT	EXEMPT	0		1/1/1955 0:00	208	95	208	8	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	35	35	0				D24024018ADD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	D
55	633317	LAWRENCE J MINER		NO	EXEMPT	EXEMPT	0		1/1/1956 0:00	155	95	155	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	35	35	0				D24024018DAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	D	SE	A
55	643481	CAMPBELL, DON,		NO	EXEMPT	EXEMPT	327			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024011CDB	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	C	SW	D
55	647847	MOROYOQUI,H B		NO	EXEMPT	EXEMPT	0		6/18/1969 0:00	180	130	120	8	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	25	25	0				D24024018000	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	0	0	0
55	648362	WILLSON,T J		NO	EXEMPT	EXEMPT	0		1/1/1947 0:00	180	0	180	6	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024017BBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	B	NW	B
55	805642	EPPELE, DAVID,L		NO	EXEMPT	EXEMPT	0		12/31/1900 0:00	40	20	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	5	0	0				D24024011DCD	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	D	SE	C
55	219957	FREEPORT-MCMORAN CORPORATION, COPPER QUEEN BRANCH		NO	MONITOR	MONITOR	78	6/21/2010 12:00:00 AM	8/22/2010 0:00	550	222	550	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0		X		D24024010ADC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	10	A	NE	D
55	219958	FREEPORT-MCMORAN CORPORATION, COPPER QUEEN BRANCH		NO	MONITOR	MONITOR	78	6/21/2010 12:00:00 AM	9/1/2010 0:00	380	265	380	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0		X		D24024010AAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	10	A	NE	A
55	219969	FREEPORT-MCMORAN CORPORATION, COPPER QUEEN BRANCH		NO	MONITOR	MONITOR	78	6/21/2010 12:00:00 AM	7/14/2010 0:00	532	119	532	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0		X		D24024018ACA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	C
55	219970	FREEPORT-MCMORAN CORPORATION, COPPER QUEEN BRANCH		NO	MONITOR	MONITOR	78	6/21/2010 12:00:00 AM	7/23/2010 0:00	330	117	330	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0		X		D24024018ACA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	C

FID_	PROGRAM	REGISTRY_I	OWNER_NAME	RGR_PUMP_D	WELLTYPE	WELL_TYPE_	DLIC_NUM	APPROVED	INSTALLED	WELL_DEPTH	WATER_LEVE	CASING_DEP	CASING_DIA	CASING_TYP	PUMP_TYPE	PUMP_POWER	PUMPRATE	TESTEDRATE	DRAW_DOWN	COMPLETION	DRILL_LOG	WELL_CANCE	CADASTRAL	COUNTY	WATERSHED	BASIN_NAME	SUBBASIN_N	AMA	QUAD_CODE	WHOLE_TOWN	HALF_TOWNS	NORTHSOUTH	WHOLE_RANG	HALF_RANGE	EASTWEST	SECTION_	QUARTER_16	QACRE160DI	QUARTER_40
55	221388		FREEPORT MCMORAN CORP, COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	78	3/15/2012 12:00:00 AM		0	0	0	0				0	0	0				D24024011CBC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	C	SW	B
55	522573		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	25		12/14/1988 0:00	640	287	360	10	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	0	13	12	X	X		D24024004AAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	4	A	NE	A
55	522574		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	25		2/10/1989 0:00	925	319	925	10	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	0	7	583	X	X		D24024004AAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	4	A	NE	A
55	522575		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	25		12/16/1988 0:00	200	116	200	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	0	10	74	X	X		D23024035BBA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	35	B	NW	B
55	522576		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	25		11/4/1988 0:00	350	275	350	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	12	12	65	X	X		D24024004BBD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	4	B	NW	B
55	522578		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	25		12/15/1988 0:00	115	75	115	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	0	19	1	X	X		D24024010ACD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	10	A	NE	C
55	522580		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	25		11/16/1988 0:00	700	158	695	10	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	13	13	6	X	X		D24024008DDC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	8	D	SE	D
55	522581		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	25		11/17/1988 0:00	210	153	210	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	48	48	15	X	X		D24024008DDC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	8	D	SE	D
55	522695		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	25		1/24/1989 0:00	200	157	200	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	10	10	7	X	X		D24024014BCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	14	B	NW	C
55	522696		DAVIES, DANIEL,R	NO	MONITOR OR PIEZOMETER	MONITOR	25		11/8/1988 0:00	290	249	290	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	12	12	41	X	X		D24024005BAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	B	NW	A
55	522698		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	25		1/5/1989 0:00	200	152	200	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	0	18	1	X	X		D24024008BCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	8	B	NW	C
55	522699		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	25		1/11/1989 0:00	325	265	325	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	0	13	1	X	X		D24024006BCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	6	B	NW	C
55	522700		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	25		1/17/1989 0:00	200	159	200	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	0	13	11	X	X		D24024016ACA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	16	A	NE	C
55	522815		DAVID WILLIAM ANDERSON	NO	MONITOR OR PIEZOMETER	MONITOR	25		11/18/1988 0:00	160	108	159	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	0	19	26	X	X		D24024018AAB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	A
55	522816		SAM PRESSLEY	NO	MONITOR OR PIEZOMETER	MONITOR	25		1/12/1989 0:00	215	178	215	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	13	13	5	X	X		D24024007BCB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	7	B	NW	C
55	522817		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	25		1/20/1989 0:00	817	625	817	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	7	7	207	X	X		D24024001CCC	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	1	C	SW	C
55	525144		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	425		9/7/1989 0:00	800	0	199	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X		D23024034CDA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	34	C	SW	D
55	527587		NACO SANITARY DIST,	NO	MONITOR OR PIEZOMETER	MONITOR	344		5/12/1990 0:00	120	85	120	12	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	15	15	8	X	X		D24023013ABB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	23	0	E	13	A	NE	B
55	539782		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	314		8/11/1993 0:00	825	0	825	4	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X		D23024034BBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	34	B	NW	B
55	539783		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	314		8/15/1993 0:00	400	0	400	10	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X		D24024004AAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	4	A	NE	A
55	539784		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	314		8/8/1993 0:00	400	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X		D23024034DAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	34	D	SE	A
55	539786		PHELPS DODGE CORP,	NO	MONITOR OR PIEZOMETER	MONITOR	314		8/5/1993 0:00	326	275	265	10	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0	N	X		D24024004BDD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	4	B	NW	D
55	593116		CITY OF BISBEE	NO	MONITOR	MONITOR	78	7/2/2002 12:00:00 AM	7/22/2002 0:00	150	102	150	4	PLASTIC OR PVC			0	0	0		X		D23024035CBD	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	35	C	SW	B

FID_	PROGRAM	REGISTRY_I	OWNER_NAME	RGR_PUMP_D	WELLTYPE	WELL_TYPE_	DLIC_NUM	APPROVED	INSTALLED	WELL_DEPTH	WATER_LEVE	CASING_DEP	CASING_DIA	CASING_TYP	PUMP_TYPE	PUMP_POWER	PUMPRATE	TESTEDRATE	DRAW_DOWN	COMPLETION	DRILL_LOG	WELL_CANCE	CADASTRAL	COUNTY	WATERSHED	BASIN_NAME	SUBBASIN_N	AMA	QUAD_CODE	WHOLE_TOWN	HALF_TOWNS	NORTHSOUTH	WHOLE_RANG	HALF_RANGE	EASTWEST	SECTION_	QUARTER_16	QACRE160DI	QUARTER_40
55	637069	LEONARD W HUTSON	NO	EXEMPT	EXEMPT	0		7/29/1966 0:00	220	165	220	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	35	35	0					D240240178BB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	B	NW	B
55	805290	PETER HORAN	NO	EXEMPT	EXEMPT	0		3/2/1964 0:00	316	130	316	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	15	0	0					D240240178A0	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	B	NW	A
55	805643	EPPELE, DAVID,L	NO	MONITOR OR PIEZOMETER	MONITOR	0				165	30	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	9	0	0				D24024011DCD	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	D	SE	C
55	903984	CITY OF BISBEE	NO	MONITOR	MONITOR	78	1/11/2006 10:57:20 AM	1/20/2006 0:00	162	118	162	5	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	9	0	0		X	X		D24024018DAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	D	SE	A
55	906823	CITY OF BISBEE	NO	MONITOR	MONITOR	78	4/16/2007 2:09:18 PM	4/20/2007 0:00	272	106	269	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24023013AAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	23	0	E	13	A	NE	A
55	908794	PHELPS DODGE	NO	MONITOR	MONITOR	161	4/3/2008 1:55:48 PM	5/14/2008 0:00	750	237	680	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024009BCA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	9	B	NW	C
55	909019	FREEPORT-MCMORAN CORPORATION, COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	5/13/2008 12:48:06 PM	5/22/2008 0:00	460	191	440	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024006ACC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	6	A	NE	C
55	909146	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	5/29/2008 4:32:49 PM		270	190	255	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024006ACC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	6	A	NE	C
55	909147	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	5/29/2008 4:39:27 PM	6/15/2008 0:00	590	138	260	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024017CAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	C	SW	A
55	909255	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	6/13/2008 5:17:47 PM	7/16/2008 0:00	785	286	775	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024003CBD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	C	SW	B
55	909272	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	6/16/2008 2:16:27 PM	7/8/2008 0:00	700	296	449	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024003ABC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	A	NE	B
55	909434	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	7/16/2008 11:13:31 PM	8/7/2008 0:00	820	577	760	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D23024033DCA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	33	D	SE	C
55	909435	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	7/16/2008 11:17:52 PM	7/28/2008 0:00	820	521	810	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024003ABC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	A	NE	B
55	909474	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	7/23/2008 6:11:49 PM	8/9/2008 0:00	320	61	310	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024002BDD	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	2	B	NW	D
55	909551	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	8/12/2008 4:39:15 PM	9/16/2008 0:00	700	207	474	5	PLASTIC OR PVC			0	0	0			X		D24024008BCA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	8	B	NW	C
55	909552	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	8/12/2008 4:45:07 PM	8/22/2008 0:00	460	147	450	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024007DCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	7	D	SE	C
55	909653	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	8/26/2008 11:33:35 AM	8/27/2008 0:00	295	145	285	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024007DCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	7	D	SE	C
55	909711	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	9/8/2008 11:53:18 AM	11/4/2008 0:00	1220	300	1210	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024004DAD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	4	D	SE	A
55	909760	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	9/17/2008 4:18:10 PM	11/17/2008 0:00	1100	206	1030	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024008BCA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	8	B	NW	C
55	910096	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	11/20/2008 2:53:20 PM	12/7/2008 0:00	660	131	610	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024018ADA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	D
55	910097	FREEPORT MCMORAN COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	161	11/20/2008 3:12:12 PM	11/18/2008 0:00	492	298	480	5	STEEL - PERFORATED OR SLOTTED CASING			0	0	0			X		D24024004DAD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	4	D	SE	A
55	913037	FREEPORT-MCMORAN COPPER AND GOLD, COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	78	3/10/2011 8:00:54 AM		1000	271	1000	3	PLASTIC OR PVC			0	0	0			X		D24024003DCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	D	SE	C
55	913124	FREEPORT MCMORAN COPPER AND GOLD, COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	78	3/31/2011 5:44:01 PM		0	0	0	0				0	0	0					D24024003CBD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	3	C	SW	B

FID_	PROGRAM	REGISTRY_I	OWNER_NAME	RGR_PUMP_D	WELLTYPE	WELL_TYPE_	DLIC_NUM	APPROVED	INSTALLED	WELL_DEPTH	WATER_LEVE	CASING_DEP	CASING_DIA	CASING_TYP	PUMP_TYPE	PUMP_POWER	PUMPRATE	TESTEDRATE	DRAW_DOWN	COMPLETION	DRILL_LOG	WELL_CANCE	CADASTRAL	COUNTY	WATERSHED	BASIN_NAME	SUBBASIN_N	AMA	QUAD_CODE	WHOLE_TOWN	HALF_TOWNS	NORTHSOUTH	WHOLE_RANG	HALF_RANGE	EASTWEST	SECTION_	QUARTER_16	QACRE160DI	QUARTER_40
55	913504		FREEPORT MCMORAN COPPER AND GOLD, COPPER QUEEN BRANCH	NO	MONITOR	MONITOR	78	7/25/2011 8:03:48 AM		0	0	0	0				0	0	0				D23024033ABC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	23	0	S	24	0	E	33	A	NE	B
55	86775		BRINDLEY,L	NO	EXEMPT	EXEMPT	80		1/1/1981 0:00	360	295	360	6	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR < 1 HP	0	6	210				D240240058BB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	B	NW	B
55	506034		JACKSON,J	NO	EXEMPT	EXEMPT	155		8/16/1983 0:00	342	208	342	6	STEEL - PERFORATED OR SLOTTED CASING	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	30	30	0	X	X		D24024005DAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	5	D	SE	A
55	517526		ROSS, RICHARD,	NO	EXEMPT	EXEMPT	272		4/16/1987 0:00	425	375	425	8	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	ELECTRIC MOTOR 1 - 5 HP	35	35	0	X	X		D24024006BCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	6	B	NW	C
55	618611		NOBLE,A J	NO	NON-EXEMPT	NON-EXEMPT	0			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024017AA0	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	A
55	641750		ROLLINS,M W	NO	EXEMPT	EXEMPT	0			126	0	0	2	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024018DDA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	D	SE	D
55	648359		CHASE,C H	NO	EXEMPT	EXEMPT	0		1/1/1970 0:00	100	0	100	4	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	15	15	0				D24024018CBB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	C	SW	B
55	648363		BERNAL,L	NO	EXEMPT	EXEMPT	0		1/1/1948 0:00	125	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024018D00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	D	SE	0
55	649153		HUMBHREY,M	NO	EXEMPT	EXEMPT	0		1/1/1938 0:00	160	120	20	8	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024018000	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	0	0	0
55	650255		ALVAREZ,M J	NO	EXEMPT	EXEMPT	0		1/1/1938 0:00	160	120	100	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024018DDD	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	D	SE	D
55	585547		UNIVERSITY OF ARIZONA-DEPT OF HYDROLOGY	NO	NON-EXEMPT	NON-EXEMPT	161	2/14/2001 12:00:00 AM	3/29/2001 0:00	80	8	80	6	PLASTIC OR PVC			0	0	0		X		D24024004CAB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	4	C	SW	A
55	623280		MILLER, ALISON,B	NO	NON-EXEMPT	NON-EXEMPT	0			0	33	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	120	120	0				D24024013CB0	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	13	C	SW	B
55	650662		MINNERLY,H R	NO	EXEMPT	EXEMPT	0			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024011D00	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	11	D	SE	0
55	651116		COTA,B A	NO	EXEMPT	EXEMPT	0			160	140	150	4	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	30	30	0				D24024018CD0	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	C	SW	D
55	616775		ANDERSON,M J	NO	NON-EXEMPT	NON-EXEMPT	0			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024018A00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	A	NE	0
55	616776		ANDERSON,M J	NO	NON-EXEMPT	NON-EXEMPT	0		1/1/1916 0:00	0	200	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024018C00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	C	SW	0
55	632924		IRONS, LEE,	NO	NON-EXEMPT	NON-EXEMPT	0		12/12/1955 0:00	175	30	175	10	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	200	200	0				D24024017AB0	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	A	NE	B
55	645050		VALENZUELA,G E	NO	EXEMPT	EXEMPT	0		1/1/1947 0:00	167	115	150	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024018000	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	18	0	0	0
55	801607		HAUBERT,J M	NO	NON-EXEMPT	NON-EXEMPT	0		1/1/1955 0:00	195	114	195	8	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	60	60	0				D24024017B00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	B	NW	0
55	616436		AZ STATE LAND DEPT,	NO	EXEMPT	EXEMPT	0		7/15/1920 0:00	150	110	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024008CBA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	8	C	SW	B
55	641341		MILLER,C R	NO	EXEMPT	EXEMPT	0		1/1/1920 0:00	100	60	100	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	10	10	0				D24024017CAC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	C	SW	A
55	641342		MILLER,C R	NO	EXEMPT	EXEMPT	0		1/1/1957 0:00	200	160	200	6	STEEL - PERFORATED OR SLOTTED CASING	NO PUMP CODE LISTED	NO POWER CODE LISTED	10	10	0				D24024015CCC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	15	C	SW	C
55	648361		WILLSON,T J	NO	EXEMPT	EXEMPT	0		1/1/1929 0:00	160	0	160	61	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				D24024017000	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	17	0	0	0

FID_	PROGRAM	REGISTRY_I	OWNER_NAME	RGR_PUMP_D	WELLTYPE	WELL_TYPE_	DLIC_NUM	APPROVED	INSTALLED	WELL_DEPTH	WATER_LEVE	CASING_DEP	CASING_DIA	CASING_TYP	PUMP_TYPE	PUMP_POWER	PUMPRATE	TESTEDRATE	DRAW_DOWN	COMPLETION	DRILL_LOG	WELL_CANCE	CADASTRAL	COUNTY	WATERSHED	BASIN_NAME	SUBBASIN_N	AMA	QUAD_CODE	WHOLE_TOWN	HALF_TOWNS	NORTHSOUTH	WHOLE_RANG	HALF_RANGE	EASTWEST	SECTION_	QUARTER_16	QACRE160DI	QUARTER_40	
55	86091		WESTERN LANDSCAPE CO,	NO	EXEMPT	EXEMPT	155	10/29/1980 12:00:00 AM	12/3/1980 0:00	261	100	261	8	STEEL - PERFORATED OR SLOTTED CASING	TURBINE	ELECTRIC MOTOR 1 - 5 HP	0	250	135	X	X			D24023013BAA	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	23	0	E	13	B	NW	A
55	218341		THOMAS W OR FRANKIE A THOMPSON	NO	EXEMPT	EXEMPT	736	8/29/2008 12:00:00 AM	9/16/2008 0:00	285	160	285	7	PLASTIC OR PVC	SUBMERSIBLE	ELECTRIC MOTOR 1 - 5 HP	30	32	4	X	X			D24023013DDC	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	23	0	E	13	D	SE	D
55	218671		ERNEST M. ROGERS	NO	EXEMPT	EXEMPT	736	1/22/2009 12:00:00 AM	1/27/2009 0:00	305	170	305	7	PLASTIC OR PVC			0	0	0		X			D24023013ABB	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	23	0	E	13	A	NE	B
55	520309		SAN JOSE RANCH,	NO	MONITOR OR PIEZOMETER	MONITOR	344			0	0	0	0	NO CASING CODE LISTED	NO PUMP CODE LISTED	NO POWER CODE LISTED	0	0	0				Y	D24023013B00	COCHISE	SAN PEDRO RIVER	UPPER SAN PEDRO	SIERRA VISTA	OUTSIDE OF AMA OR INA	D	24	0	S	23	0	E	13	B	NW	0
55	642937		KRISTINE & DANIEL HELGA	NO	EXEMPT	EXEMPT	0		1/1/1925 0:00	100	50	75	5	OTHER - BLACK STEEL - IRON - SEAMLESS	NO PUMP CODE LISTED	NO POWER CODE LISTED	20	20	0					D24024012CBD	COCHISE	WHITE WATER DRAW	DOUGLAS	DOUGLAS	OUTSIDE OF AMA OR INA	D	24	0	S	24	0	E	12	C	SW	B

## **APPENDIX C**

### **Interview Request Mailing**

**TABLE C.1  
Mailing Recipients**

Registry ID	Well Owner Name	Well Name	Parcel with Well	Parcel Owner	Mailing Address	City	State	Zip Code	Parcel Address
602134	BOB R BULLARD	BULLARD	10239179A	BULLARD BOB R & JAN M	PO BOX 385	NUTRIOSO	AZ	85932	2457 S NACO HWY
587749	EDITH DOUGLASS	LESNIK	10142005A	LESNICK RONALD A & ANNE E	9117 W DESERT INN RD APT 103	LAS VEGAS	NV	89117	
645050	VALENZUELA,G E	VALENZUELA	10257017	VALENZUELA ESTELLA C	4526 E GARDENER	SIERRA VISTA	AZ	85650	3843 S HILLMAN AVE
632924	IRONS, LEE,	IRONS	10253011	IRONS L & M M FAMILY TRUST	521 W VALLE VERDE	NOGALES	AZ	85621	
218341	THOMAS W OR FRANKIE A THOMPSON	THOMPSON 341	10234009A	THOMPSON THOMAS W & FRANKIE A	PO BOX 432	NACO	AZ	85620	WILLSON RD
565260	JAMES K COLLINS	COLLINS	10239150E	COLLINS JAMES K & TAMRA D	2331 S COLEMAN ST	BISBEE	AZ	85603	2331 S COLEMAN ST
650255	ALVAREZ,M J	ALVAREZ	10257098	RALLS STEPHEN G	273 S SCOTT AVE	TUCSON	AZ	85701	1975 W DOMINGUEZ ST
510298	YATES,J	CROWLEY	10243005F	CATES JESSY JAMES & PATRICIA	401 W PURDY LN	BISBEE	AZ	85603	401 W PURDY LN
649153	HUMPHREY,M	HUMPHREY	10257133	HOGAN ERIK	1018 SOLAR DR	HOLIDAY	FL	34691	3769 S ROGERS AVE
633316	LAWRENCE J MINER	MINOR 316	10256044	MINER LAWRENCE J & CATHLEEN M	3386 S NACO HWY	BISBEE	AZ	85603	3352 S NACO HWY
633317	LAWRENCE J MINER	MINOR 317	10256044	MINER LAWRENCE J & CATHLEEN M	3386 S NACO HWY	BISBEE	AZ	85603	3352 S NACO HWY
647847	MOROYOQUI,H B	MOROYOQUI	10257122	MOROYOQUI SAIDA M	PO BOX 535	NACO	AZ	85620	
588270	SUNNYSIDE HOLDINGS LLC	SUNNYSIDE	10253021C	RUTHERFORD KATY	7049 N MISSION HILL LN	TUCSON	AZ	85718	
642937	KRISTINE & DANIEL HELGA	PALMER 937	10148004	MUNSEY JAMES D	P O BOX 343	BISBEE	AZ	85603	589 E BORDER RD
651116	COTA	COTA	10257021	QUILIHUA MARIA ELENA RUIZ	P O BOX 85	NACO	AZ	85620	2056 W HOGAN ST
086775	BRINDLEY	BRINDLEY	10239189	JEFFREY CHANDLER	PO BOX 4003	BISBEE	AZ	85603	1055 WEST DELLA ST



*Practical Solutions  
In Groundwater Science*

221 North Court Avenue, Suite 101  
Tucson, Arizona 85701  
**520-622-3222 Phone**  
520-622-4040 fax  
[www.clearcreekassociates.com](http://www.clearcreekassociates.com)

April 2, 2013

Jalyn Associates LLC  
PO Box 4174  
Bisbee, Arizona 85603

RE: Water Supply Well Interview  
Parcel 10253007E

Dear Property Owner,

Freeport-McMoRan Corporation, Copper Queen Branch (CQB) monitors wells in the town of Bisbee and surrounding areas, in an effort to assess groundwater quality. Your property is within an area that CQB is monitoring. A review of Arizona Department of Water Resources records indicates that you may have a registered well on Cochise County Tax Assessor Parcel #10253007E. CQB would like to determine the operational status, water usage and condition of the well on your property, and possibly collect a sample for chemical analysis.

CQB has retained Clear Creek Associates to coordinate interviews with property owners and water sampling. Please contact me (520-240-3057) to discuss this matter at your convenience.

Thank you for your time and consideration.

Sincerely,

Ben Daigneau  
Project Hydrologist

cc: Rebecca Sawyer, Copper Queen Branch