



September 23, 2020

Vertex Project #: 20E-00141-015

Release Closure Report: Grandi 22 #002H
Unit E, Section 22, Township 22 South, Range 27 East
County: Eddy
Incident Tracking Number: NAB1916239693

Prepared For: Devon Energy Production Company
6488 Seven Rivers Highway
Artesia, New Mexico 88210

New Mexico Oil Conservation Division – District 2 – Artesia
811 South First Street
Artesia, New Mexico 88210

Devon Energy Production Company (Devon) retained Vertex Resource Services Inc. (Vertex) to conduct an assessment and remediation for a natural gas release that occurred on May 13, 2019, at Grandi 22 #002H (hereafter referred to as “Grandi 22”). Devon provided notification of the release to New Mexico Oil Conservation Division (NM OCD) District 2 on May 22, 2019, via submission of an initial C-141 Release Notification (Attachment 1). The NM OCD incident tracking number assigned to the release is NAB1916239693.

This letter provides a description of the release assessment and remediation activities, and demonstrates that closure criteria established in 19.15.29.12 *New Mexico Administrative Code* (NMAC; New Mexico Oil Conservation Division, 2018) have been met and all applicable regulations are being followed. This document is intended to serve as a final report to obtain approval from NM OCD for closure of this release.

Incident Description

On May 13, 2019, a release occurred at Devon’s Grandi 22 site when a gas sales line ruptured following a pressure drop in a scrubbing unit. This incident resulted in the release of approximately 392 thousand cubic feet (MCF) of natural gas from the aboveground ruptured sales line near the eastern edge of the site. Upon discovery of the release, the flow of gas was stopped and the sales line repaired. No natural gas was released into sensitive areas or waterways.

Site Characterization

The release at Grandi 22 occurred on privately-owned land, N 32.3815758, W 104.1854655, approximately 2 miles east-southeast of Carlsbad, New Mexico. The legal description for the site is Unit E, Section 22, Township 22 South, Range 27 East, Eddy County, New Mexico. This location is within the Permian Basin in southeast New Mexico and has historically been used for oil and gas exploration and production, and agriculture. An aerial photograph and site schematic are included in Attachment 2 (Figure 1).

Grandi 22 is typical of oil and gas exploration and production sites in the western portion of the Permian Basin, and is

vertex.ca

currently used for oil and gas production, and storage. The following sections specifically describe the area surrounding Grandi 22.

The surrounding landscape is associated with upland landforms – mainly hill slopes, plains and terraces – generally found at elevations between 1,100 and 4,300 feet above sea level. The climate is semi-arid, with average annual precipitation ranging between 7 and 15 inches. The historical plant community has a grassland aspect, dominated by grasses with shrubs and half-shrubs sparsely and evenly distributed. Tobosa, black grama and blue grama are the dominant grass species, and yucca, mesquite, tarbush and cholla are common shrubs (United States Department of Agriculture, Natural Resources Conservation Service, 2020). Limited to no vegetation is allowed to grow on the compacted wellpad.

The Geological Map of New Mexico indicates the surface geology at Grandi 22 is comprised of Qa – alluvium (New Mexico Bureau of Geology and Mineral Resources, 2020). The Natural Resources Conservation Service Web Soil Survey characterizes the soil at the site on the cusp of Atoka loam and Upton gravelly loam, distinguished by deep layers of loam and gravelly loam. These types of soils tend to be well-drained with high runoff and moderate available moisture levels in the soil profile, and are often classified as farmland of statewide importance (United States Department of Agriculture, Natural Resources Conservation Service, 2020). There is some potential for karst geology to be present near Grandi 22 (United States Department of the Interior, United States Geological Survey, 2020a).

There is no surface water located at Grandi 22. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is the Pecos River, located approximately 1.5 miles east of Grandi 22 (United States Fish and Wildlife Service, 2020). At Grandi 22, there are no continuously flowing watercourses, lakebeds, sinkholes, playa lakes, or other critical water or community features nearby as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

The nearest recent groundwater well to Grandi 22 is a 2002 New Mexico Office of the State Engineer-identified well, located approximately 0.4 miles south-southeast of the site, with a depth to groundwater of 57 feet below ground surface (bgs; New Mexico Office of the State Engineer, New Mexico Water Rights Reporting System, 2020). The shallowest recent depth to groundwater value in the vicinity of Grandi 22 is approximately 47 feet bgs as recorded at a 2013 United States Geological Survey well located approximately 0.8 miles due south of the release site (United States Department of the Interior, United States Geological Survey, 2020b). Documentation pertaining to site characterization and depth to groundwater determination is included in Attachment 3.

Closure Criteria Determination

Using site characterization information, a closure criteria determination worksheet (Attachment 3) was completed to determine if the release was subject to any of the special case scenarios outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

Based on data included in the closure criteria determination worksheet, the release at Grandi 22 is not subject to the requirements of Paragraph (4) of Subsection C of 19.15.29.12 NMAC and the closure criteria for the site are determined to be associated with the following constituent concentration limits based on depth to groundwater.

Table 1. Closure Criteria for Soils Impacted by a Release		
Depth to Groundwater	Constituent	Limit
<50 feet	Chloride	600 mg/kg
	TPH ¹ (GRO + DRO + MRO)	100 mg/kg
	BTEX ²	50 mg/kg
	Benzene	10 mg/kg

¹Total petroleum hydrocarbons (TPH) = gasoline range organics (GRO) + diesel range organics (DRO) + motor oil range organics (MRO)

²Benzene, toluene, ethylbenzene and xylenes (BTEX)

Remedial Actions

An initial release inspection, completed on March 9, 2020, identified and mapped the sales line where the gas release occurred. Six characterization surface soil samples (SS20-01 to SS20-06) were collected from along a 200-foot section of the sales line and field screened using a photoionization detector (PID) to determine if any volatile organic compounds (BTEX) remained in the soil. The locations of these characterization soil samples in relation to the wellpad are presented on Figure 1 (Attachment 2). No contaminants were identified during field screening. A selection of the characterization soil samples was submitted for laboratory analysis to verify field screening accuracy. Field screening results and associated laboratory data are summarized in Table 2 (Attachment 4) and in the Daily Field Report from the initial release inspection (Attachment 5).

Initial characterization activities indicated that all constituents of concern were below closure criteria as outlined in Table 1 and no remediation was deemed necessary. On March 19, 2020, Vertex provided 48-hour notification of confirmation sampling to NM OCD, as required by Subparagraph (a) of Paragraph (1) of Subsection D 19.15.29.12 NMAC (Attachment 6).

Confirmatory sampling was conducted on March 24, 2020. A total of 10 five-point composite confirmatory samples (BS20-01 to BS20-10) were collected from an approximately 2,000 square foot area along the sales gas line where the release was to have occurred. Each composite confirmatory sample was representative of no more than 200 square feet per the alternate sampling method outlined in Subparagraph (c) of Paragraph (1) of Subsection D 19.15.29.12 NMAC, which does not require prior NM OCD approval. The confirmatory samples were placed into laboratory-provided containers, preserved on ice, and submitted to a National Environmental Laboratory Accreditation Program-approved laboratory for chemical analysis.

Laboratory analyses included Method 300.0 for chlorides, Method 8021B for volatile organics, including BTEX, and EPA Method 8015 for TPH, including MRO, DRO and GRO. Confirmatory sampling analytical data are summarized in Table 3 (Attachment 4). Laboratory data reports and chain of custody forms are included in Attachment 7.

A GeoExplorer 7000 Series Trimble global positioning system (GPS) unit, or equivalent, was used to map the approximate center of each of the five-point composite samples. The confirmatory sampling locations are presented on Figure 2 (Attachment 2).

Devon Energy Production Company
Grandi 22 #002H

2020 Release Assessment and Closure
September 2020

Closure Request

Vertex recommends no remediation action to address the release at Grandi 22. Laboratory analyses of the confirmatory samples showed constituent of concern concentration levels below NM OCD closure criteria for areas where depth to groundwater is less than 50 feet bgs. There are no anticipated risks to human, ecological or hydrological receptors associated with the release site.

Vertex requests that this incident (NAB1916239693) be closed as all closure requirements set forth in Subsection E of 19.15.29.12 NMAC have been met. Devon certifies that all information in this report and the attachments is correct, and that they have complied with all applicable closure requirements and conditions specified in Division rules and directives to meet NM OCD requirements to obtain closure on the May 13, 2019, release at Grandi 22.

Should you have any questions or concerns, please do not hesitate to contact the undersigned at 505.506.0040 or ngordon@vertex.ca.

Sincerely,



Natalie Gordon
PROJECT MANAGER

Attachments

- Attachment 1. NM OCD C-141 Report
- Attachment 2. Figures
- Attachment 3. Closure Criteria for Soils Impacted by a Release Research Determination Documentation
- Attachment 4. Characterization and Confirmatory Sampling Field Screening and Laboratory Results
- Attachment 5. Daily Field Report(s) with Photographs
- Attachment 6. Required 48-hr Notification of Confirmation Sampling to Regulatory Agencies
- Attachment 7. Laboratory Data Reports/Chain of Custody Forms

Devon Energy Production Company
Grandi 22 #002H

2020 Release Assessment and Closure
September 2020

References

- New Mexico Bureau of Geology and Mineral Resources. (2020). *Interactive Geological Map of New Mexico*. Retrieved from <http://geoinfo.nmt.edu>.
- New Mexico Office of the State Engineer, New Mexico Water Rights Reporting System. (2020). *Water Column/Average Depth to Water Report*. Retrieved from <http://nmwrrs.ose.state.nm.us/nmwrrs/waterColumn.html>
- New Mexico Oil Conservation Division. (2018). *New Mexico Administrative Code – Natural Resources and Wildlife Oil and Gas Releases*. Santa Fe, New Mexico.
- United States Department of Agriculture, Natural Resources Conservation Service. (2020). *Web Soil Survey*. Retrieved from <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>.
- United States Department of the Interior, United States Geological Survey. (2020a). *Caves and Karst in the U.S. National Park Service*. Retrieved from <https://www.arcgis.com/home/webmap/viewer.html?webmap=14675403c37948129acb758138f2dd1e>
- United States Department of the Interior, United States Geological Survey. (2020b). *National Water Information System*. Retrieved from <https://maps.waterdata.usgs.gov/mapper/index.html?state=nm>
- United States Fish and Wildlife Service. (2020). *National Wetlands Inventory*. Retrieved from <https://www.fws.gov/wetlands/data/Mapper.html>

Devon Energy Production Company
Grandi 22 #002H

2020 Release Assessment and Closure
September 2020

Limitations

This report has been prepared for the sole benefit of Devon Energy Production Company (Devon). This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division, without the express written consent of Vertex Resource Services Inc. (Vertex) and Devon. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

ATTACHMENT 1

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: _____	Title: _____
Signature: <u>Kendra DeHoyos</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	NAB1916239693
District RP	2RP-5474
Facility ID	
Application ID	pAB1916238902

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>47</u> (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NAB1916239693
District RP	2RP-5474
Facility ID	
Application ID	pAB1916238902

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Tom Bynum Title: EHS ConsultantSignature: Tom Bynum Date: 9/23/2020email: tom.bynum@dvn.com Telephone: 575-748-2663**OCD Only**Received by: Cristina Eads Date: 09/29/2020

Incident ID	NAB1916239693
District RP	2RP-5474
Facility ID	
Application ID	pAB1916238902

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Tom Bynum Title: EHS Consultant

Signature: Tom Bynum Date: 9/23/2020

email: tom.bynum@dv.com Telephone: 575-748-2663

OCD Only

Received by: Cristina Eads Date: 09/29/2020

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Cristina Eads Date: 11/17/2020

Printed Name: Cristina Eads Title: Environmental Specialist

ATTACHMENT 2



- Surface Sample
 Gas Sales Line
 Approximate Lease Boundary
- Separator



0 20 40 80 ft

Map Center:
Lat/Long: 32.381576, -104.185466

NAD 1983 UTM Zone 13N
Date: Mar 11/20



Site Schematic and Characterization Sampling Locations Grandi 22 #002H

FIGURE:

1



Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Background image from ESRI, 2018.

VERSATILITY. EXPERTISE.



- Base Sample
- - Gas Sales Line
- ⬅➡ Length of Line Sampled as Approximate Release Area (~2,000 sq. ft.)
- Ⓢ Separator
- Approximate Lease Boundary



0 12.5 25 50 ft
 Map Center:
 Lat/Long: 32.382028, -104.184658

NAD 1983 UTM Zone 13N
 Date: Apr 09/20



Confirmatory Sampling Locations Grandi 22 #002H

FIGURE:

2



Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Background image from ESRI, 2018.

VERSATILITY. EXPERTISE.

ATTACHMENT 3

Closure Criteria Determination Worksheet			
Site Name: Grandi 22 002H			
Spill Coordinates:		X: 32.38160	Y: -104.18550
Site Specific Conditions		Value	Unit
1	Depth to Groundwater	47	feet
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	8,002	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	7,983	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	25,710	feet
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or	2,044	feet
	ii) Within 1000 feet of any fresh water well or spring		feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	10,708	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
9	Within an unstable area (Karst Map)		Critical High Medium Low
10	Within a 100-year Floodplain	undetermined	year
NMAC 19.15.29.12 E (Table 1) Closure Criteria		51-100'	<50' 51-100' >100'

Grandi 22 #002H

DTGW: 150 FT
Distance to Well: 0.64 miles

Legend Page 18 of 147

- Feature 1
- Grandi 22 #002H



703

Grandi 22 #002H

Cottontop Rd

S Tidwell Rd

322219104113501

322219104110401

Google Earth

Ferguson Rd

702

2000 ft







[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- **NOTICE 09-08-2020: The [NWIS Mapper](#) is experiencing intermittent issues. Developers are looking into the problem. Thank you for your patience.**
- [Full News](#) 

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =

- 322238104101801

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 322238104101801 22S.27E.22.421333

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

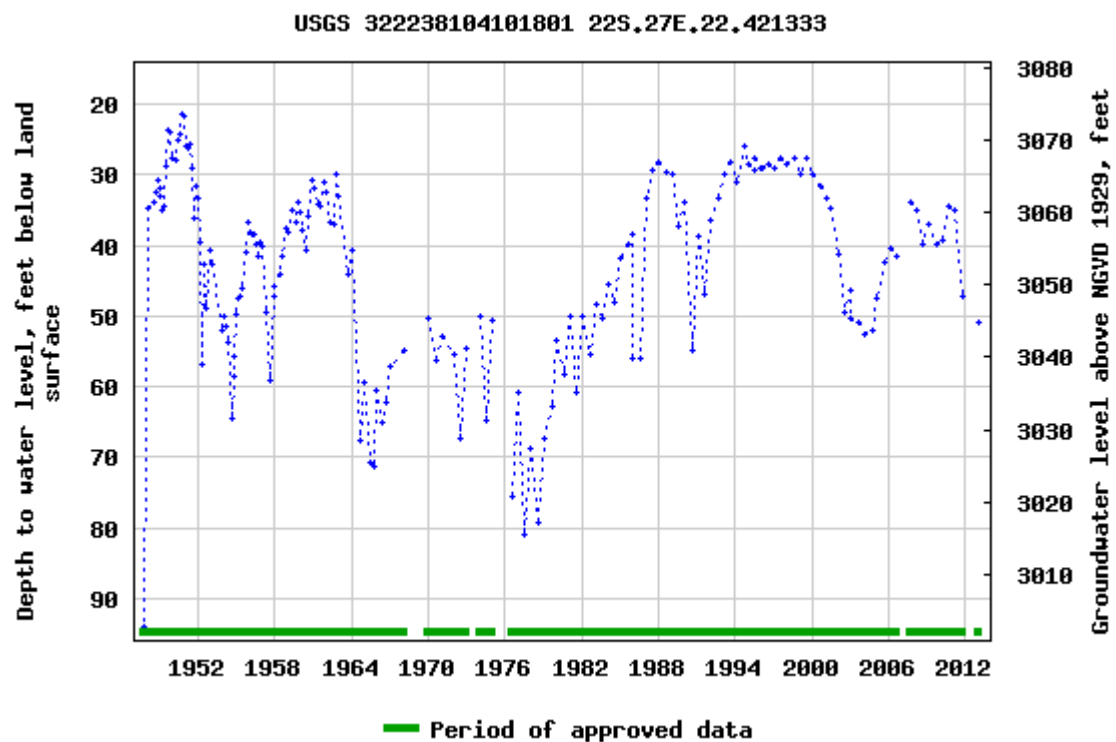
Latitude 32°22'35.0", Longitude 104°10'23.13" NAD83

Land-surface elevation 3,095.80 feet above NGVD29

The depth of the well is 150 feet below land surface.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

[Table of data](#)[Tab-separated data](#)[Graph of data](#)[Reselect period](#)

Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2020-09-10 17:52:17 EDT

0.86 0.74 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	00613	4	2	4	21	22S	27E	576434	3582309*

Driller License: 75 **Driller Company:** DONOWHO, JOE
Driller Name: DONOWHO, JOE

Drill Start Date: 11/24/1954 **Drill Finish Date:** 11/27/1954 **Plug Date:**
Log File Date: 05/29/1956 **PCW Rcv Date:** **Source:** Shallow
Pump Type: **Pipe Discharge Size:** **Estimated Yield:**
Casing Size: 7.00 **Depth Well:** 100 feet **Depth Water:** 60 feet

Water Bearing Stratifications:

Top	Bottom	Description
80	90	Sandstone/Gravel/Conglomerate
90	100	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
80	90

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/10/20 3:41 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	00747	3	3	2	21	22S	27E	575828	3582709*

x

Driller License: 24 **Driller Company:** BRININSTOOL, M.D.

Driller Name: FRANK GENTRY

Drill Start Date: 07/20/1977	Drill Finish Date: 12/31/1946	Plug Date:
Log File Date: 11/16/1977	PCW Rcv Date:	Source: Shallow
Pump Type: TURBIN	Pipe Discharge Size: 12	Estimated Yield: 3000 GPM
Casing Size: 18.00	Depth Well: 148 feet	Depth Water: 85 feet

x

Water Bearing Stratifications:	Top	Bottom	Description
	120	130	Sandstone/Gravel/Conglomerate
	140	152	Sandstone/Gravel/Conglomerate

x

Casing Perforations:	Top	Bottom
	120	162

x

Meter Number: 4977	Meter Make: MCCROMETER
Meter Serial Number: 010574712	Meter Multiplier: 1.0000
Number of Dials: 3	Meter Type: Diversion
Unit of Measure: Acre-Feet	Return Flow Percent:
Usage Multiplier:	Reading Frequency:

x

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
09/24/2001	2001	29	A	SS		29.240
09/24/2001	2001	0	A	SS		0
11/06/2001	2001	50	A	AM		20.414

09/05/2002	2002	263	A	ms	213.373
10/28/2002	2002	277	A	MS	13.755
01/23/2003	2002	277	A	ms	0
04/09/2003	2003	277	A	ms	0.004
06/17/2003	2003	401	A	ms	124.568
08/21/2003	2003	525	A	ab	123.658
10/28/2003	2003	653	A	TW	127.937
01/03/2004	2003	653	A	RDM	0
04/22/2004	2004	653	A	TW	0
07/19/2004	2004	716	A	TW	62.723
10/21/2004	2004	735	A	TW	18.843
01/03/2005	2004	735	A	TW	0
04/05/2005	2005	735	A	JW	0
07/07/2005	2005	735	A	JW	0
01/11/2006	2005	735	A	TW	0
04/13/2006	2006	735	A	tw	0
07/12/2006	2006	735	A	tw	0
11/15/2006	2006	735	A	tw	0
01/10/2007	2006	735	A	tw	0
07/11/2007	2007	735	A	tw	0
10/18/2007	2007	735	A	tw	0
01/09/2008	2007	735	A	tw	0
05/01/2008	2008	735	A	tw	0
07/22/2008	2008	765	A	tw	30.133
10/09/2008	2008	796	A	tw	31.381
01/22/2009	2008	796	A	tw	0
04/27/2009	2009	884	A	tw	88.260
08/17/2009	2009	8	A	tw	124.098
01/02/2010	2009	8	A	tw	0
07/13/2010	2010	66	A	tw	57.585
01/24/2011	2010	66	A	tw	0
08/04/2011	2011	267	A	tw	201.303
11/01/2011	2011	514	A	tw	247.127
01/24/2012	2011	514	A	tw	0
01/25/2012	2012	0	A	tw	0

04/16/2012	2012	37	A	tw	36.552
07/24/2012	2012	89	A	tw	52.236
02/28/2013	2012	119	A	tw	29.901
10/29/2013	2013	156	A	tw	37.241
02/11/2014	2014	156	A	tw	0
12/09/2014	2014	158	A	tw	2.317
07/21/2015	2015	158	A	tw	0
09/17/2015	2015	158	A	tw	0
08/02/2016	2016	158	A	tw	0
12/08/2016	2016	158	A	tw	0
05/25/2017	2017	158	A	tw	0
12/28/2017	2017	158	A	tw	0

**YTD Meter Amounts:		
Year	Amount	
2001	49.654	
2002	227.128	
2003	376.167	
2004	81.566	
2005	0	
2006	0	
2007	0	
2008	61.514	
2009	212.358	
2010	57.585	
2011	448.430	
2012	118.689	
2013	37.241	
2014	2.317	
2015	0	
2016	0	
2017	0	

Meter Number:	3637	Meter Make:	GE
Meter Serial Number:	02359064	Meter Multiplier:	1.0000
Number of Dials:	5	Meter Type:	Power Child
Unit of Measure:	Kilowatt Hours	Return Flow Percent:	

Usage Multiplier:

Reading Frequency:

Meter Readings in (Kilowatt Hours)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
07/27/2001	2001	8453	A	ms		0
09/25/2001	2001	8586	A	SS		133.000
11/06/2001	2001	0	A	AM		0
03/26/2002	2002	0	A	MS		0

**YTD Meter Amounts:	Year	Amount
	2001	133.000
	2002	0

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/10/20 3:37 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number****Q64 Q16 Q4 Sec TwS Rng****X****Y**

C 02512

1 3 22 22S 27E

576740

3582415* 

x

Driller License: 1348**Driller Company:** TAYLOR WATER WELL SERVICE**Driller Name:****Drill Start Date:** 03/04/1997**Drill Finish Date:** 03/07/1997**Plug Date:****Log File Date:** 03/19/1997**PCW Rcv Date:****Source:** Shallow**Pump Type:****Pipe Discharge Size:****Estimated Yield:** 30 GPM**Casing Size:** 5.00**Depth Well:** 68 feet**Depth Water:** 38 feet

x

Water Bearing Stratifications:**Top Bottom Description**

41 68 Sandstone/Gravel/Conglomerate

x

Casing Perforations:**Top Bottom**

38 68

x

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/10/20 3:41 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
C	02512 POD2	1	3	22	22S	27E	576740	3582415*	

x

Driller License: 1348 **Driller Company:** TAYLOR WATER WELL SERVICE**Driller Name:****Drill Start Date:** 08/29/2002**Drill Finish Date:** 09/03/2002**Plug Date:****Log File Date:** 10/02/2002**PCW Rcv Date:****Source:** Shallow**Pump Type:****Pipe Discharge Size:****Estimated Yield:** 100 GPM**Casing Size:** 5.00**Depth Well:** 142 feet**Depth Water:** 57 feet

x

Water Bearing Stratifications:**Top Bottom Description**

112 142 Sandstone/Gravel/Conglomerate

x

Casing Perforations:**Top Bottom**

102 142

x

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/10/20 3:42 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02512	C	ED		1	3	22	22S	27E		576740	3582415*	623	68	38	30
C 02512 POD2	C	ED		1	3	22	22S	27E		576740	3582415*	623	142	57	85
C 02259	C	ED		2	4	21	22S	27E		576335	3582410*	676	60	45	15
C 02558	C	ED		2	4	21	22S	27E		576335	3582410*	676	55	36	19
C 00614	C	ED		3	1	3	22	22S	27E	576639	3582314*	712	95	60	35
C 00613	C	ED		4	2	4	21	22S	27E	576434	3582309*	739	100	60	40
C 00747	CUB	ED		3	3	2	21	22S	27E	575828	3582709*	848	148	85	63
C 00747 CLW198561	O	CUB	ED	3	3	2	21	22S	27E	575828	3582709*	848	148		
C 02961	C	ED		3	1	4	21	22S	27E	575830	3582303*	1067	150	70	80
C 00009	CUB	ED		3	3	3	22	22S	27E	576641	3581908	1118	165	100	65
C 00152	C	ED		3	3	3	22	22S	27E	576641	3581908*	1118	151		
C 01010	C	ED		4	3	16	22S	27E		575519	3583617*	1244	150		
C 00587	C	ED		2	2	2	28	22S	27E	576438	3581696*	1341	130	84	46
C 00901	C	ED		1	2	1	27	22S	27E	577048	3581707*	1388	193	40	153
C 02242	CUB	ED		1	1	4	15	22S	27E	577186	3584336	1429	150	22	128
C 04354 POD2	CUB	ED		1	1	2	27	22S	27E	577364	3581802	1434	200	123	77
C 00588	C	ED		2	2	1	27	22S	27E	577248	3581707*	1463	200		
C 03480 POD1	C	ED		3	2	3	16	22S	27E	575466	3583961	1481	74	41	33
C 00760	C	ED					16	22S	27E	575717	3584215*	1489	72	44	28
C 00027	CUB	ED		4	4	3	21	22S	27E	575628	3581891	1503	166		
C 00027 CLW238752	O	CUB	ED	4	4	3	21	22S	27E	575628	3581891*	1503	166		
C 00150	CUB	ED		3	1	1	27	22S	27E	576643	3581501*	1525	80		
C 00150 A	O	CUB	ED	3	1	1	27	22S	27E	576643	3581501*	1525	147		
C 04354 POD1	CUB	ED		1	1	2	27	22S	27E	577533	3581803	1529	200	120	80
C 02117	CUB	ED		1	1	2	28	22S	27E	575834	3581691*	1546	150	60	90
C 00700	CUB	ED		3	3	2	15	22S	27E	577441	3584355*	1564	132		

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00016		CUB	ED	3	3	1	21	22S	27E	575018	3582698	1630	167		
C 00016 CLW202898	O	CUB	ED	3	3	1	21	22S	27E	575018	3582698*	1630	209		
C 00576 S		CUB	ED	2	4	1	15	22S	27E	577235	3584550	1645	172	48	124
C 04027 POD1		CUB	ED	1	3	1	27	22S	27E	576704	3581378	1650	140	55	85
C 02903		C	ED	3	4	4	22	22S	27E	577858	3581926*	1660	57	40	17
C 00251		C	ED		4	4	22	22S	27E	577959	3582027*	1674	84		
C 02881		C	ED		4	4	22	22S	27E	577959	3582027*	1674	60	39	21
C 03763 POD1		C	ED	1	2	2	28	22S	27E	575687	3581616	1687	240	55	185
C 04279		C	ED	3	3	3	14	22S	27E	578253	3583498	1705	200	35	165
C 00576		CUB	ED	3	1	1	15	22S	27E	576628	3584749*	1722	119	184	-65
C 00043		C	ED	3	3	3	14	22S	27E	578256	3583557*	1725	120		
C 01776		C	ED		3	1	23	22S	27E	578361	3582846*	1755	157	40	117
C 01713		C	ED	3	1	3	23	22S	27E	578262	3582339*	1784	101	46	55
C 01110		C	ED	3	1	3	16	22S	27E	575011	3583917*	1834	97		
C 00572		CUB	ED	2	4	1	27	22S	27E	577250	3581301*	1838	98	90	8
C 01242		CUB	ED	1	3	3	23	22S	27E	578264	3582133*	1875	155	40	115
C 00284		C	ED		2	1	15	22S	27E	577134	3584856*	1902	130	20	110
C 00056		CUB	ED	1	3	2	28	22S	27E	575835	3581284*	1908	98		
C 01853		C	ED		1	2	16	22S	27E	575918	3584841*	1944	55	42	13
C 00532		C	ED	2	2	2	27	22S	27E	578060	3581720*	1948	90		
C 00231 A		CUB	ED	1	4	1	23	22S	27E	578666	3582951*	2052	178	45	133
C 03063		CUB	ED	1	4	1	23	22S	27E	578666	3582951*	2052	163	40	123
C 01407		CUB	ED	3	3	1	16	22S	27E	575009	3584324*	2064	86		
C 01097		C	ED	1	1	2	16	22S	27E	575817	3584940*	2073	155	38	117
C 00077		CUB	ED	1	1	1	26	22S	27E	578266	3581726*	2101	118	40	78
C 01805		C	ED		3		23	22S	27E	578566	3582235*	2105	125	98	27
C 00403		C	ED		2	1	16	22S	27E	575513	3584836*	2118	106	34	72
C 00701		C	ED		2	1	16	22S	27E	575513	3584836*	2118	65	34	31
C 01560		C	ED		2	1	16	22S	27E	575513	3584836*	2118	80	37	43

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD	County	Q Q Q						X	Y	Distance	Depth	Depth	Water		
	Sub-Code		basin	64	16	4	Sec	Tws							Rng	Well
C 01861	C	ED	2	1	16	22S	27E	575513	3584836*		2118	60				
C 00021 A	CUB	ED	4	4	4	09	22S	27E	576421	3585150*		2132	196	40	156	
C 00021 CLW193276	O	CUB	ED	4	4	4	09	22S	27E	576421	3585150*		2132	100		
C 03392 POD1	C	ED	2	2	4	28	22S	27E	576508	3580886		2142	140	70	70	
C 04368 POD1	C	ED	4	2	2	27	22S	27E	578082	3581458		2147	200	34	166	
C 00095 CLW196524	O	CUB	ED	2	1	3	27	22S	27E	576847	3580888*		2150	157	112	45
C 00693	C	ED	2	2	1	16	22S	27E	575612	3584935*		2156	70	34	36	
C 00102	CUB	ED	1	3	1	16	22S	27E	575009	3584524*		2195	164	70	94	
C 01545	C	ED	1	3	1	16	22S	27E	575009	3584524*		2195	90			
C 00357	C	ED	4	4	2	17	22S	27E	574804	3584318*		2224	170	50	120	
C 00582	CUB	ED	1	3	1	14	22S	27E	578252	3584567*		2248	60			
C 00273	C	ED	1	2	1	16	22S	27E	575412	3584935*		2256	100			
C 00744	CUB	ED	3	3	4	10	22S	27E	577437	3585166*		2292	175			
C 02374	C	ED	3	4	09	22S	27E	575916	3585247*		2328	54	15	39		
C 02379	C	ED	3	4	09	22S	27E	575916	3585247*		2328	55	20	35		
C 03029	C	ED	3	4	09	22S	27E	575916	3585247*		2328	45	18	27		
C 00160	C	ED	2	3	3	10	22S	27E	576826	3585355*		2338	85	40	45	
C 00160 CLW198701	O	C	ED	2	3	3	10	22S	27E	576826	3585355*		2338			
C 00267	C	ED	3	1	1	16	22S	27E	575007	3584730*		2342	54	42	12	
C 00015 CLW238653	O	CUB	ED	1	4	28	22S	27E	575938	3580778*		2347	200			
C 03064	C	ED	4	2	4	28	22S	27E	576442	3580682*		2350	125	70	55	
C 03129	O	C	ED	4	2	4	28	22S	27E	576442	3580682*		2350	115		
C 02787	C	ED	1	3	1	28	22S	27E	575028	3581274*		2363	143	54	89	
C 00095	CUB	ED	3	2	3	27	22S	27E	577052	3580694*		2372	157			
C 01829	CUB	ED	3	2	4	28	22S	27E	576242	3580682*		2373	125			
C 00480	C	ED	3	4	2	17	22S	27E	574604	3584318*		2389	200			
C 00092 A	O	CUB	ED	1	3	4	09	22S	27E	575815	3585346*		2453	200		
C 02899	C	ED	1	3	4	09	22S	27E	575815	3585346*		2453	33	22	11	
C 03038	C	ED	1	3	4	09	22S	27E	575815	3585346*		2453	43	15	28	

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02922		CUB	ED	3	3	4	17	22S	27E	574204	3583502*	2457	200	48	152
C 02149 CLW468826	O	C	ED			4	28	22S	27E	576141	3580572*	2499	125	70	55
C 00014 CLW244969	O	CUB	ED	3	3	1	28	22S	27E	575028	3581074*	2515	205		
C 00014 CLW244972	O	CUB	ED	3	3	1	28	22S	27E	575028	3581074*	2515	205		
C 00014 S		CUB	ED	3	3	1	28	22S	27E	575028	3581074*	2515	205		
C 00114		CUB	ED	3	1	4	20	22S	27E	574210	3582279*	2518	253		
C 00092		CUB	ED	4	3	3	09	22S	27E	575205	3585137*	2538	70	40	30
C 00092 CLW193601	O	CUB	ED	4	3	3	09	22S	27E	575205	3585137*	2538	90	40	50
C 00092 CLW193956	O	CUB	ED	4	3	3	09	22S	27E	575205	3585137*	2538	90	40	50
C 00092 CLW193966	O	CUB	ED	4	3	3	09	22S	27E	575205	3585137*	2538	90	40	50
C 04217 POD1		C	ED	1	1	2	23	22S	27E	579137	3583385	2548	175	75	100
C 01504		C	ED	4	3	2	17	22S	27E	574399	3584313*	2562	65	45	20
C 00194		C	ED	1	4	3	27	22S	27E	577054	3580487*	2576	165	100	65
C 03434 POD1		C	ED	4	4	2	29	22S	27E	574876	3581101	2593	99	75	24
C 00467		C	ED		2	4	27	22S	27E	577964	3580807*	2597	200	74	126
C 00292		CUB	ED	2	2	1	20	22S	27E	574001	3583285*	2626	183		
C 00292 CLW238488	O	CUB	ED	2	2	1	20	22S	27E	574001	3583285*	2626	183		
C 00014		CUB	ED	3	2	3	28	22S	27E	575434	3580672*	2633	202		
C 03062		CUB	ED	3	2	4	27	22S	27E	577863	3580706*	2634	150	100	50
C 03374 POD1		C	ED	4	4	4	08	22S	27E	574898	3585044	2649	58	25	33
C 02648		C	ED		4	2	29	22S	27E	574724	3581168*	2650	200	66	134
C 00023		CUB	ED	3	3	3	09	22S	27E	575005	3585137*	2654	90	35	55
C 00023 CLW193948	O	CUB	ED	3	3	3	09	22S	27E	575005	3585137*	2654	90	35	55
C 00023 S		CUB	ED	3	3	3	09	22S	27E	575005	3585137*	2654	90		
C 02631		C	ED	4	4	2	29	22S	27E	574823	3581067*	2654	96	69	27
C 01744		C	ED		4	4	28	22S	27E	576345	3580377*	2662	140	100	40
C 01493		C	ED	2	3	3	09	22S	27E	575205	3585337*	2706	60	18	42
C 01768		C	ED		2	1	20	22S	27E	573902	3583186*	2717	104		
C 00562		C	ED	4	2	4	27	22S	27E	578063	3580706*	2735	150		

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00322	C	ED		3	3	2	17	22S	27E	574199	3584313*	2737	70		
C 00015	CUB	ED		4	4	4	28	22S	27E	576444	3580276*	2755	200		
C 00486	C	ED		4	4	4	28	22S	27E	576444	3580276*	2755	146		
C 02149	C	ED		4	4	4	28	22S	27E	576444	3580276*	2755	119	62	57
C 00663	C	ED					17	22S	27E	574098	3584187*	2771	115	30	85
C 00163	C	ED		2	4	3	20	22S	27E	574007	3582067*	2778	184	80	104
C 00540 CLW449978	O	CUB	ED		2	1	20	22S	27E	573803	3582878*	2815	148	45	103
C 00540 POD2	CUB	ED		1	4	1	20	22S	27E	573803	3582878*	2815	148	45	103
C 00541	CUB	ED		3	4	1	20	22S	27E	573803	3582678*	2833	148		
C 00078	CUB	ED		3	1	3	26	22S	27E	578269	3580712*	2844	180		
C 01953	C	ED			2	3	17	22S	27E	573898	3584001*	2886	82	42	40
C 01578	CUB	ED		1	4	3	17	22S	27E	573799	3583692*	2893	225	55	170
C 03899 POD2	CUB	ED		1	4	3	17	22S	27E	573792	3583751	2914	55	10	45
C 03899 POD5	CUB	ED		1	4	3	17	22S	27E	573786	3583744	2918	55	10	45
C 00412	C	ED			4	4	08	22S	27E	574701	3585234*	2921	237	40	197
C 03899 POD4	CUB	ED		1	4	3	17	22S	27E	573783	3583755	2924	55	10	45
C 03899 POD1	CUB	ED		1	4	3	17	22S	27E	573779	3583749	2926	55	10	45
C 00239	C	ED			1	2	17	22S	27E	574298	3584822*	2931	58		
C 02206	C	ED		2	4	4	08	22S	27E	574800	3585333*	2935	60	18	42
C 03899 POD3	CUB	ED		1	4	3	17	22S	27E	573767	3583756	2940	55	10	45
C 00229	CUB	ED		1	1	1	34	22S	27E	576650	3580074	2951	200		
C 02488	C	ED			4	4	27	22S	27E	577966	3580401*	2952	76	38	38
C 02239	CUB	ED		3	1	2	17	22S	27E	574197	3584721*	2952	150	34	116
C 03364 POD2	C	ED		4	3	4	27	22S	27E	577765	3580249	3005	250		
C 03364 POD1	R	C	ED	4	3	4	27	22S	27E	577765	3580245	3009	107	50	57
C 01056	C	ED		2	4	1	17	22S	27E	573994	3584507*	3010	115	45	70
C 01275	CUB	ED		1	2	3	17	22S	27E	573797	3584100*	3015	205	45	160
C 00130	O	CUB	ED	2	1	1	20	22S	27E	573596	3583277*	3029	120		
C 00130 CLW240294	O	CUB	ED	2	1	1	20	22S	27E	573596	3583277*	3029	120		

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 01035	C		ED			3	20	22S	27E	573703	3582162*	3037	90	75	15
C 03130	C		ED	4	2	1	29	22S	27E	574010	3581461*	3038	162		
C 00653	C		ED	1	1	2	34	22S	27E	577462	3580087*	3058	120	80	40
C 00239 POD2	C		ED	1	1	2	17	22S	27E	574197	3584921*	3071	56	28	28
C 00153	C		ED	3	4	1	17	22S	27E	573794	3584307*	3097	140		
C 04286 POD7	CUB		ED	2	3	3	17	22S	27E	573597	3583734	3100	30		
C 04291 POD7	CUB		ED	2	3	3	17	22S	27E	573561	3583651	3117	300		
C 04286 POD5	CUB		ED	1	3	3	17	22S	27E	573553	3583651	3124	30		
C 00436	C		ED		3	3	26	22S	27E	578371	3580407*	3153	88	48	40
C 00074	CUB		ED	2	3	3	20	22S	27E	573601	3582060*	3164	222	52	170
C 00628	C		ED	2	3	3	20	22S	27E	573601	3582060*	3164	175	80	95
C 00825	CUB		ED	3	3	3	26	22S	27E	578270	3580306*	3184	132	68	64
C 03553 POD1	C		ED	4	2	2	33	22S	27E	576554	3579841	3184	200	75	125
C 03688 POD1	CUB		ED	4	1	1	20	22S	27E	573568	3583978	3191	409	40	369
C 00360 A	CUB		ED	3	3	4	08	22S	27E	574195	3585129*	3205	90		
C 00542	CUB		ED	3	1	1	20	22S	27E	573396	3583077*	3219	120		
C 00147	C		ED	1	3	1	20	22S	27E	573398	3582872*	3220	53		
C 00282	CUB		ED	3	2	2	26	22S	27E	579482	3581546*	3226	125	50	75
C 00066	CUB		ED	1	1	1	20	22S	27E	573396	3583277*	3228	160		
C 01578 CLW199122	O	CUB	ED	1	1	1	20	22S	27E	573396	3583277*	3228	205		
C 00733	C		ED	4	3	3	20	22S	27E	573601	3581860*	3231	220	60	160
C 01383	C		ED	4	3	3	20	22S	27E	573601	3581860*	3231	65	50	15
C 00148	C		ED	2	2	1	17	22S	27E	573992	3584916*	3232	60		
C 00640	C		ED	2	2	1	17	22S	27E	573992	3584916*	3232	60	34	26
C 04318 POD1	C		ED	1	3	1	24	22S	27E	579847	3582984	3233	79	58	21
C 00278	C		ED	3	3	1	20	22S	27E	573398	3582672*	3236	80		
C 00455	C		ED	2	2	2	34	22S	27E	578066	3580093*	3272	133		
C 00981	C		ED	2	2	2	34	22S	27E	578066	3580093*	3272	250	41	209
C 02458	CUB		ED	2	2	2	34	22S	27E	578066	3580093*	3272			

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00279	C		ED	2	2	26	22S	27E		579583	3581647*	3273	160	48	112
C 02587	R	C	ED	2	2	26	22S	27E		579630	3581720	3286	71	12	59
C 00526	C		ED	3	2	1	17	22S	27E	573792	3584716*	3289	325		
C 00540	CUB		ED	3	1	3	20	22S	27E	573399	3582266*	3304	300		
C 03691 POD1	CUB		ED	3	3	3	17	22S	27E	573339	3583490	3308	701	40	661
C 03514 POD1	C		ED	1	3	1	24	22S	27E	579923	3583010	3308	59	31	28
C 03505 POD1	C		ED	3	2	2	26	22S	27E	579548	3581491	3310	80		
C 03673 POD2	CUB		ED	3	4	3	17	22S	27E	573361	3583724	3327	404	40	364
C 03068	C		ED	1	3	3	20	22S	27E	573401	3582060*	3355		60	
C 00360	CUB		ED	4	4	3	08	22S	27E	573990	3585125*	3360	125		
C 00360 CLW229790	O	CUB	ED	4	4	3	08	22S	27E	573990	3585125*	3360	125		
C 00212 CLW193845	O	CUB	ED	1	1	1	35	22S	27E	578271	3580099*	3363			
C 00531	CUB		ED	1	1	1	35	22S	27E	578271	3580099*	3363	150	87	63
C 02996	C		ED	1	1	1	33	22S	27E	575034	3580055*	3365	120	62	58
C 00611	CUB		LE	1	1	3	17	22S	27E	573392	3584092*	3394	185	60	125
C 00559	C		ED	3	4	4	29	22S	27E	574628	3580255*	3409	200		
C 00971	C		ED	3	3	13	22S	27E		579981	3583679*	3429	60	18	42
C 00030 CLW193040	O	CUB	ED	1	3	2	34	22S	27E	577465	3579680*	3452	220	69	151
C 00030 CLW193055	O	CUB	ED	1	3	2	34	22S	27E	577465	3579680*	3452	205		
C 00030 S	CUB		ED	1	3	2	34	22S	27E	577465	3579680*	3452	200	69	131
C 00880	C		ED	4	2	2	34	22S	27E	578066	3579893*	3452	190		
C 03085	C		ED	2	2	2	32	22S	27E	574830	3580049*	3471	155	82	73
C 02392	C		ED	4	2	33	22S	27E		576350	3579564*	3472	150	48	102
C 00037	C		ED	2	4	4	18	22S	27E	573191	3583678*	3485	100		
C 03084	C		ED	3	1	4	08	22S	27E	574192	3585532*	3485	112	14	98
C 02885	C		ED	2	4	3	08	22S	27E	573990	3585325*	3489	47	18	29
C 02667	C		ED	1	3	4	29	22S	27E	574223	3580448*	3516	128	81	47
C 04309	C		ED	3	2	2	32	22S	27E	574960	3579920	3519	142	134	8
C 00040	C		ED	2	2	19	22S	27E		573093	3583175*	3524	100		

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00042	C	ED		2	2	19	22S	27E		573093	3583175*	3524	100		
C 01677	C	ED		1	3	13	22S	27E		579979	3584084*	3526	56	20	36
C 00621	CUB	ED		4	2	19	22S	27E		573094	3582771*	3529	265		
C 00410	CUB	ED		4	4	3	26	22S	27E	578875	3580313*	3531	150	50	100
C 00597	C	ED		1	2	3	29	22S	27E	573815	3580848*	3547	140	90	50
C 02502	C	ED		2	2	32	22S	27E		574731	3579950*	3607	98	64	34
C 00215	CUB	ED		4	3	2	33	22S	27E	576044	3579458*	3613	180	150	30
C 04145 POD1	C	ED		4	2	3	08	22S	27E	574048	3585604	3637	119	81	38
C 02499	C	ED		1	1	25	22S	27E		579989	3581653*	3643	100	35	65
C 03738 POD1	C	ED		1	1	3	34	22S	27E	576785	3579382	3647	137	68	69
C 00191	CUB	ED		3	3	2	33	22S	27E	575844	3579458*	3650	200		
C 01590	C	ED		3	1	13	22S	27E		579977	3584489*	3666	100	40	60
C 00091	CUB	ED		4	3	3	08	22S	27E	573585	3585121*	3683	300		
C 00091 CLW193608	O	CUB	ED	4	3	3	08	22S	27E	573585	3585121*	3683	300		
C 02590	C	ED		2	1	2	32	22S	27E	574425	3580043*	3700	87	45	42
C 02590 POD2	C	ED		2	1	2	32	22S	27E	574425	3580043*	3700	300	114	186
C 00836	C	ED		3	1	1	13	22S	27E	579874	3584794*	3707	175	52	123
C 01722	C	ED		3	1	1	13	22S	27E	579874	3584794*	3707	180	64	116
C 00193	CUB	ED		1	3	1	33	22S	27E	575035	3579649*	3728	190		
C 00356	C	ED					34	22S	27E	577363	3579359*	3742	155	45	110
C 02063	C	ED					08	22S	27E	574089	3585825*	3769	45	25	20
C 02536	C	ED		4	1	1	25	22S	27E	580088	3581552*	3773	120	20	100
C 00030	CUB	ED		1	2	3	34	22S	27E	577062	3579267*	3785	205	50	155
C 00030 CLW193032	O	CUB	ED	1	2	3	34	22S	27E	577062	3579267*	3785	205		
C 02230	C	ED					33	22S	27E	575742	3579340*	3787	260	90	170
C 02449	C	ED					33	22S	27E	575742	3579340*	3787	300	70	230
C 03086	C	ED		2	3	3	08	22S	27E	573585	3585321*	3800	163	38	125
C 03028	C	ED		1	1	2	32	22S	27E	574225	3580043*	3822	217	89	128
C 03073	C	ED		4	4	2	34	22S	27E	578068	3579486*	3826	150	122	28

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03074	C	ED		4	3	1	33	22S	27E	575235	3579449*	3833	115	85	30
C 00062	CUB	ED			1	3	29	22S	27E	573511	3580743*	3852	270		
C 01312	CUB	ED			3	1	35	22S	27E	578373	3579593*	3857	203	65	138
C 01523	C	ED		3	3	1	35	22S	27E	578272	3579492*	3903	118	60	58
C 03162	C	ED		2	2	2	18	22S	27E	573183	3584909*	3914	42		
C 01088	C	ED		3	3	3	12	22S	27E	579872	3585199*	3915	64	36	28
C 03506 POD1	CUB	ED		2	1	4	19	22S	27E	572735	3582415	3927	85	71	14
C 00627	C	ED				1	13	22S	27E	580178	3584690*	3932	100		
C 00410 CLW195750	O	CUB	ED	3	4	4	26	22S	27E	579486	3580329*	3939	209	41	168
C 00171	CUB	ED		1	2	4	34	22S	27E	577870	3579279*	3951	198	21	177
C 00171 CLW193980	O	CUB	ED	1	2	4	34	22S	27E	577870	3579279*	3951	265		
C 00589	CUB	ED		2	4	4	04	22S	27E	576412	3586974*	3953			
C 02262	C	ED			4	2	32	22S	27E	574732	3579544*	3958	128	60	68
C 02525	C	ED		1	3	3	08	22S	27E	573385	3585321*	3961	49	17	32
C 03117	C	ED		1	3	3	08	22S	27E	573385	3585321*	3961	400		
C 00287	CUB	ED		3	1	3	34	22S	27E	576657	3579061*	3965			
C 03030	C	ED		3	1	2	32	22S	27E	574225	3579843*	3980	100	53	47
C 00451	CUB	ED			4	2	30	22S	27E	573104	3581143*	3983	256	130	126
C 00644	CUB	ED		3	2	4	33	22S	27E	576251	3579056*	3986	190		
C 00644 CLW198574	O	CUB	ED	3	2	4	33	22S	27E	576251	3579056*	3986	100		
C 00393	CUB	ED		3	1	3	25	22S	27E	579890	3580742*	3993	200	30	170
C 00393 CLW198205	O	CUB	ED	3	1	3	25	22S	27E	579890	3580742*	3993	193	37	156
C 00393 CLW198226	O	CUB	ED	3	1	3	25	22S	27E	579890	3580742*	3993	200	40	160
C 00393 CLW223748	O	CUB	ED	3	1	3	25	22S	27E	579890	3580742*	3993	200	30	170
C 00020	CUB	ED		4	4	4	07	22S	27E	573181	3585119*	4021	50		
C 00017	C	ED		3	3	2	19	22S	27E	572589	3582669*	4041	125		
C 01478	C	ED		2	2	4	30	22S	27E	573207	3580836*	4050	172	149	23
C 03123	C	ED		2	2	4	30	22S	27E	573207	3580836*	4050	159	97	62
C 00479	C	ED			3	03	22S	27E	576919	3587082*	4067	200			

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD		Q Q Q							X	Y	Distance	Depth Well	Depth Water	Water Column	
	Sub-Code	basin	County	64	16	4	Sec	Tws	Rng							
C 00444	CUB	ED	3	1	3	08	22S	27E	573382	3585522*		4084	90			
C 01621	CUB	ED	3	1	3	08	22S	27E	573382	3585522*		4084	82	24	58	
C 02618	C	ED	3	1	3	08	22S	27E	573382	3585522*		4084	41	20	21	
C 03066	C	ED	1	1	3	33	22S	27E	575037	3579243*		4098	240			
C 00033	C	ED				19	22S	27E	572516	3582546*		4126	85			
C 01356	C	ED	4	2	4	30	22S	27E	573207	3580636*		4162	210	130	80	
C 00013	C	ED		3	2	18	22S	27E	572683	3584396*		4163	120			
C 03043	C	ED	2	3	3	34	22S	27E	576859	3578855*		4178	118	68	50	
C 00343	CUB	ED	4	3	2	32	22S	27E	574427	3579437*		4203	200			
C 03013	C	ED	4	1	3	33	22S	27E	575237	3579043*		4214	118	63	55	
C 00294	CUB	ED	3	3	4	24	22S	27E	580701	3581970*		4220	156	15	141	
C 00978	C	ED	3	3	2	18	22S	27E	572582	3584295*		4227	200	68	132	
C 00978 POD2	C	ED	3	3	2	18	22S	27E	572582	3584295*		4227	200	68	132	
C 03290	C	ED	1	3	3	34	22S	27E	576715	3578778		4248	127	72	55	
C 00012	C	ED				18	22S	27E	572515	3584168*		4255	120			
C 00178	CUB	ED	1	2	3	35	22S	27E	578677	3579293*		4264	119			
C 00586	CUB	ED	1	2	3	35	22S	27E	578677	3579293*		4264	254			
C 01700	C	ED		3	3	34	22S	27E	576760	3578756*		4272	205	118	87	
C 01801	C	ED		3	3	34	22S	27E	576760	3578756*		4272	220			
C 00680	C	ED	3	1	3	35	22S	27E	578272	3579085*		4275	150	46	104	
C 00210	CUB	ED	3	3	2	35	22S	27E	579082	3579508*		4297	211			
C 00210 CLW193708	O	CUB	ED	3	3	2	35	22S	27E	579082	3579508*		4297	211		
C 00204	CUB	ED	3	3	2	32	22S	27E	574227	3579437*		4310	170			
C 00204 CLW194896	O	CUB	ED	3	3	2	32	22S	27E	574227	3579437*		4310	170		
C 00343 CLW242784	O	CUB	ED	3	3	2	32	22S	27E	574227	3579437*		4310	193	143	50
C 00619	C	ED	3	3	2	32	22S	27E	574227	3579437*		4310	250			
C 02529	C	ED			3	12	22S	27E	580174	3585501*		4335	113	51	62	
C 02127	C	ED	4	4	3	02	22S	27E	578846	3586802*		4385	160	30	130	
C 01172	CUB	ED	3	4	3	34	22S	27E	577064	3578661*		4388	220			

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00515		CUB	ED	3	4	4	33	22S	27E	576254	3578650*	4390	180	80	100
C 00515 CLW197977	O	CUB	ED	3	4	4	33	22S	27E	576254	3578650*	4390	180		
C 01184		C	ED	4	4	4	30	22S	27E	573210	3580230*	4405	144	131	13
C 02412		C	ED	2	3	3	33	22S	27E	575238	3578836*	4410	251	65	186
C 02470 CLW198142	O		ED	4	3	4	24	22S	27E	580901	3581970*	4414	67	36	31
C 00031 C		CUB	ED	1	4	4	30	22S	27E	573010	3580430*	4442	204	172	32
C 02709		C	ED	2	3	4	07	22S	27E	572777	3585318*	4469	61	28	33
C 03673 POD1		CUB	ED	1	3	3	17	22S	27E	572182	3583640	4475	399	47	352
C 02696		C	ED	1	3	3	33	22S	27E	575038	3578836*	4476	124	71	53
C 03274		C	ED	4	4	3	33	22S	27E	575643	3578641*	4491	130	81	49
C 01761		C	ED			3	35	22S	27E	578575	3578980*	4495	135	85	50
C 00062 A-S		CUB	ED	3	1	1	32	22S	27E	573417	3579830*	4521	200	100	100
C 00228 S		CUB	ED	2	2	2	31	22S	27E	573213	3580025*	4536	225	145	80
C 00249		C	ED	2	2	2	31	22S	27E	573213	3580025*	4536	200		
C 01037		C	ED	2	2	2	31	22S	27E	573213	3580025*	4536	141	109	32
C 01973		C	ED	1	1	1	03	23S	27E	576661	3578453*	4573	127	90	37
C 02433		C	ED	4	3	3	33	22S	27E	575238	3578636*	4600	96	64	32
C 04264 POD4		CUB	ED	2	1	4	07	22S	27E	572836	3585674	4614	36	25	11
C 04264 POD2		CUB	ED	2	1	4	07	22S	27E	572829	3585669	4617	36	25	11
C 03476 POD1		C	ED	2	2	2	04	23S	27E	576488	3578407	4620	200		
C 04264 POD3		CUB	ED	2	1	4	07	22S	27E	572816	3585662	4624	36	25	11
C 04264 POD1		CUB	ED	2	1	4	07	22S	27E	572817	3585666	4625	37	27	10
C 00308		C	ED		4	2	07	22S	27E	573077	3586019*	4633	35		
C 02977		C	ED	1	1	2	03	23S	27E	577470	3578466*	4639	179	125	54
C 01971		C	ED		1	1	03	23S	27E	576762	3578354*	4674	164	145	19
C 01989		C	ED		1	1	03	23S	27E	576762	3578354*	4674	168	88	80
C 02146		C	ED		1	1	03	23S	27E	576762	3578354*	4674	125	125	0
C 02148		C	ED		1	1	03	23S	27E	576762	3578354*	4674	125	70	55
C 02150		C	ED		1	1	03	23S	27E	576762	3578354*	4674	125	70	55

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02154	C		ED	1	1	03	23S	27E		576762	3578354*	4674	125	70	55
C 02166	C		ED	1	1	03	23S	27E		576762	3578354*	4674	140	75	65
C 03821 POD1	C		ED	2	2	3	32	22S	27E	573988	3579146	4685	200	120	80
C 00169	C		ED	2	1	4	07	22S	27E	572775	3585716*	4688	150		
C 00271	C		ED	1	4	07	22S	27E		572676	3585617*	4714	111	30	81
C 03504 POD1	C		ED	2	3	4	32	22S	27E	574508	3578789	4731	105	90	15
C 02324	C		ED	1	2	03	23S	27E		577571	3578367*	4756	125	75	50
C 03157	C		ED	1	4	1	30	22S	27E	572196	3581231*	4769	173	100	73
C 01625	C		ED		1	18	22S	27E		572109	3584591*	4769	36	28	8
C 00770 CLW202385	O	CUB	ED	1	3	4	25	22S	27E	580705	3580551*	4780	210	22	188
C 00770 S		CUB	ED	1	3	4	25	22S	27E	580705	3580551*	4780	210		
C 00870		CUB	ED	3	3	1	36	22S	27E	579892	3579523*	4797	200	50	150
C 01086	C		ED		1	30	22S	27E		572121	3581328*	4803	200	140	60
C 02624	C		ED	3	2	2	31	22S	27E	573013	3579825*	4818	220	75	145
C 02970	C		ED	3	4	4	32	22S	27E	574635	3578630*	4821	138	71	67
C 00283	C		ED	2	2	03	23S	27E		577973	3578373*	4847	108	60	48
C 02226	C		ED	2	2	03	23S	27E		577973	3578373*	4847	135	70	65
C 00093		CUB	ED	3	2	4	35	22S	27E	579487	3579109*	4857	210	140	70
C 00093 CLW226379	O	CUB	ED	3	2	4	35	22S	27E	579487	3579109*	4857	200		
C 00093 POD3		CUB	ED	3	2	4	35	22S	27E	579487	3579109*	4857	174	60	114
C 03164	C		ED	3	1	3	19	22S	27E	571811	3582254*	4865	130	87	43
C 00770		CUB	ED	3	3	4	25	22S	27E	580705	3580351*	4887	200	44	156
C 02409	C		ED	3	3	4	30	22S	27E	572607	3580225*	4889	191	90	101
C 02897	C		ED	2	1	1	02	23S	27E	578474	3578478*	4913	168	68	100
C 00720	C		ED	1	1	02	23S	27E		578375	3578379*	4969	108	64	44
C 00546	C		ED	1	3	1	03	23S	27E	576663	3578051*	4975		123	
C 00496	O	CUB	ED	3	3	4	35	22S	27E	579083	3578694*	4985	225		
C 00038 S		CUB	ED	1	2	1	02	23S	27E	578679	3578485*	4988	171		

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Average Depth to Water: 60 feet
Minimum Depth: 10 feet
Maximum Depth: 184 feet

Record Count: 344

UTMNAD83 Radius Search (in meters):

Easting (X): 576614.64 Northing (Y): 3583026.1 Radius: 5000



New Mexico Office of the State Engineer

Wells with Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

	POD										Log File				Depth	Depth		License		
	Sub-			q	q	q														
POD Number	Code	basin	County	Source	6416	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Date	Well	Water	Driller	Number	
C 02512	C	ED	Shallow	1	3	22	22S	27E		576740	3582415*		623	03/04/1997	03/07/1997	03/19/1997	68	38		1348
C 02512 POD2	C	ED	Shallow	1	3	22	22S	27E		576740	3582415*		623	08/29/2002	09/03/2002	10/02/2002	142	57		1348
C 02259	C	ED	Shallow	2	4	21	22S	27E		576335	3582410*		676	07/10/1992	07/10/1992	08/11/1992	60	45		1185
C 02558	C	ED	Shallow	2	4	21	22S	27E		576335	3582410*		676	01/31/1998	02/03/1998	02/19/1998	55	36		1348
C 00614	C	ED	Shallow	3	1	3	22	22S	27E	576639	3582314*		712	11/22/1954	11/24/1954	01/03/1955	95	60	DONOWHO, JOE	75
C 00613	C	ED	Shallow	4	2	4	21	22S	27E	576434	3582309*		739	11/24/1954	11/27/1954	05/29/1956	100	60	DONOWHO, JOE	75
C 00747	CUB	ED	Shallow	3	3	2	21	22S	27E	575828	3582709*		848	07/20/1977	12/31/1946	11/16/1977	148	85	FRANK GENTRY	24
C 02961	C	ED	Shallow	3	1	4	21	22S	27E	575830	3582303*		1067	08/12/2004	08/18/2004	06/17/2005	150	70	BRAZEAL, JOHN	685
C 00009	CUB	ED	Shallow	3	3	3	22	22S	27E	576641	3581908		1118	07/05/1948	07/05/1948	03/04/1949	165	100	HEMLER & GOUGH	
C 00152	C	ED	Shallow	3	3	3	22	22S	27E	576641	3581908*		1118	10/31/1947	11/30/1947	07/13/1949	151		EXISTING WELL	
C 01010	C	ED	Shallow	4	3	16	22S	27E		575519	3583617*		1244	05/15/1961	05/21/1961	07/12/1961	150		HOWARD HEMLER	24
C 00587	C	ED	Shallow	2	2	2	28	22S	27E	576438	3581696*		1341	08/27/1954	09/04/1954	09/15/1955	130	84	DAVID SPENCER	138
C 00901	C	ED	Shallow	1	2	1	27	22S	27E	577048	3581707*		1388	02/01/1960	02/06/1960	02/29/1960	193	40	BRININSTOOL, W.D.	296
C 04354 POD2	CUB	ED	Shallow	1	1	2	27	22S	27E	577364	3581802		1434	10/18/2019	10/19/2019	11/01/2019	200	123	MULLINS, JUSTINEE. NER	1737
C 03480 POD1	C	ED	Shallow	3	2	3	16	22S	27E	575466	3583961		1481	04/12/2011	04/13/2011	05/02/2011	74	41	TAYLOR, CLINTON E.	1348
C 00760	C	ED	Shallow				16	22S	27E	575717	3584215*		1489	04/08/1957	04/15/1957	07/22/1957	72	44	A.J. MORELAND	113

*UTM location was derived from PLSS - see Help

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

	POD Sub-				q q q							Log File				Depth	Depth		License		
POD Number	Code	basin	County	Source	6416	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Date	Well	Water	Driller	Number		
C 00150 A	O	CUB	ED	Shallow	3	1	1	27	22S	27E	576643	3581501*		1525	04/30/1954	04/30/1954	07/12/1954	147		HOWARD HEMLER	24
C 04354 POD1		CUB	ED	Shallow	1	1	2	27	22S	27E	577533	3581803		1529	10/16/2019	10/17/2019	11/01/2019	200	120	MULLINS, JUSTINEE. NER	1737
C 00016		CUB	ED	Shallow	3	3	1	21	22S	27E	575018	3582698		1630	02/13/1952	03/12/1952	03/19/1952	167		HOWARD HEMLER	
C 00016 CLW202898	O	CUB	ED	Shallow	3	3	1	21	22S	27E	575018	3582698*		1630	02/12/1948	02/26/1948	02/01/1949	209		HOWARD HEMLER	
C 00576 S		CUB	ED	Shallow	2	4	1	15	22S	27E	577235	3584550		1645	05/01/1974	05/12/1974	06/02/1975	172	48	BRININSTOOL	24
C 04027 POD1		CUB	ED	Shallow	1	3	1	27	22S	27E	576704	3581378		1650	04/22/2017	04/23/2017	05/16/2017	140	55	STEWART, JOEL H.	331
C 02903		C	ED	Shallow	3	4	4	22	22S	27E	577858	3581926*		1660	06/01/2002	06/23/2002	07/03/2002	57	40		678
C 00251		C	ED	Shallow		4	4	22	22S	27E	577959	3582027*		1674	10/12/1950	10/13/1950	12/26/1950	84		KIMMEL, J.F.	153
C 02881		C	ED	Shallow		4	4	22	22S	27E	577959	3582027*		1674	03/02/2002	05/25/2002	06/03/2002	60	39	JOHNSTON, RONNIE L.	678
C 03763 POD1		C	ED	Shallow	1	2	2	28	22S	27E	575687	3581616		1687	07/23/2014	07/30/2014	07/31/2014	240	55	CALEB CURRY	1632
C 04279		C	ED	Shallow	3	3	3	14	22S	27E	578253	3583498		1705	10/22/2018	10/23/2018	11/05/2018	200	35	MANN, TRAVIS	1778
C 00576		CUB	ED	Shallow	3	1	1	15	22S	27E	576628	3584749*		1722	06/15/1972	07/01/1947	06/26/1972	119	184		460
C 00043		C	ED	Shallow	3	3	3	14	22S	27E	578256	3583557*		1725		07/31/1948	03/04/1949	120		HOWARD HEIMLER	122
C 01776		C	ED	Shallow		3	1	23	22S	27E	578361	3582846*		1755	09/07/1977	09/16/1977	09/27/1977	157	40	TIDWELL, CLYDE J.	406
C 01713		C	ED	Shallow	3	1	3	23	22S	27E	578262	3582339*		1784	09/01/1976	09/27/1976	09/29/1976	101	46	TAYLOR, W.H. SR.	604
C 01110		C	ED	Shallow	3	1	3	16	22S	27E	575011	3583917*		1834	01/27/1963	02/01/1963	03/13/1963	97		HEMLER, HOWARD	24
C 00572		CUB	ED	Shallow	2	4	1	27	22S	27E	577250	3581301*		1838	07/16/1954	12/31/1946	08/25/1955	98	90	TUCK HELLYER	75
C 01242		CUB	ED	Shallow	1	3	3	23	22S	27E	578264	3582133*		1875	04/30/1965	04/30/1965	08/17/1967	155	40	J.L. KIMBROUGH	248
C 00284		C	ED	Shallow	2	1	15	22S	27E	577134	3584856*		1902	03/14/1952	03/16/1952	03/19/1952	130	20	HOWARD HEMLER	24	

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates
the POD has been
replaced & no longer
serves a water right
file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD																			License							
Sub-																			Depth		Driller		Number			
q q q																			Log File		Depth		Driller		Number	
POD Number	Code	basin	County	Source	6416	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Date	Well	Water	Driller	Number							
C 01853	C	ED	Shallow	1	2	16	22S	27E		575918	3584841*		1944	06/21/1979	08/05/1979	09/26/1979	55	42	BILLY GEORGE WEST	817						
C 00231 A	CUB	ED	Shallow	1	4	1	23	22S	27E	578666	3582951*		2052	09/07/1994	09/07/1994	09/15/1994	178	45	ALAN EADES	1044						
C 03063	CUB	ED	Shallow	1	4	1	23	22S	27E	578666	3582951*		2052	04/22/2004	04/26/2004	06/08/2004	163	40	TAYLOR, CLINTON E.	1348						
C 01097	C	ED	Shallow	1	1	2	16	22S	27E	575817	3584940*		2073	10/15/1962	10/15/1962	01/07/1963	155	38	MORELAND, A.J.	113						
C 01805	C	ED	Shallow		3	23	22S	27E		578566	3582235*		2105	06/16/1978	06/24/1978	07/05/1978	125	98	JIM TOMBLIN	592						
C 00403	C	ED	Shallow	2	1	16	22S	27E		575513	3584836*		2118	10/15/1952	11/05/1952	03/23/1953	106	34	HOWARD HEMLER	24						
C 00701	C	ED	Shallow	2	1	16	22S	27E		575513	3584836*		2118	05/20/1956	05/29/1956	06/26/1956	65	34	FRED A. BOND	167						
C 01560	C	ED	Shallow	2	1	16	22S	27E		575513	3584836*		2118	08/13/1975	02/15/1976	11/17/1976	80	37	LANSFORD, J.C.	596						
C 01861	C	ED	Shallow	2	1	16	22S	27E		575513	3584836*		2118	10/11/1979	12/27/1979	01/03/1980	60		JOHNSTON, RONNIE L.	678						
C 00021 A	CUB	ED	Shallow	4	4	4	09	22S	27E	576421	3585150*		2132	05/24/1977	06/07/1977	06/10/1977	196	40	HOWARD HEMLER.	24						
C 00021 CLW193276	O	CUB	ED	Shallow	4	4	4	09	22S	27E	576421	3585150*		2132		08/03/1955		100	SMITH & JOLLEY.							
C 03392 POD1	C	ED	Shallow	2	2	4	28	22S	27E	576508	3580886		2142	12/24/2008	12/29/2008	01/20/2009	140	70	CLINTON E. TAYLOR	1348						
C 04368 POD1	C	ED	Shallow	4	2	2	27	22S	27E	578082	3581458		2147	11/19/2019	11/19/2019	12/11/2019	200	34	KEY, GARYR.S A ICHARDDENAS	1058						
C 00693	C	ED	Shallow	2	2	1	16	22S	27E	575612	3584935*		2156	05/21/1956	06/10/1956	06/25/1956	70	34	DAVID A. SPENCER	138						
C 01545	C	ED	Shallow	1	3	1	16	22S	27E	575009	3584524*		2195	03/03/1975	07/01/1975	07/18/1975	90		INGRAM, JACK L.	591						
C 00357	C	ED	Shallow	4	4	2	17	22S	27E	574804	3584318*		2224	09/15/1952	10/07/1952	10/13/1952	170	50	HOWARD HEMLER	24						
C 00744	CUB	ED	Shallow	3	3	4	10	22S	27E	577437	3585166*		2292	05/17/1957	05/22/1957	01/15/1958	175		JOE DONOWHO	75						
C 02374	C	ED	Shallow	3	4	09	22S	27E		575916	3585247*		2328	12/22/1993	12/24/1993	12/30/1993	54	15	CAMPBELL, MICHAEL R.	1259						
C 02379	C	ED	Shallow	3	4	09	22S	27E		575916	3585247*		2328	01/28/1994	01/31/1994	02/10/1994	55	20	HAMMOND, J.O.	461						
C 03029	C	ED	Shallow	3	4	09	22S	27E		575916	3585247*		2328	08/13/2004	08/13/2004	09/13/2004	45	18		1348						

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates
the POD has been
replaced & no longer
serves a water right
file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD										Log File				Depth	Depth	Driller	License Number					
POD Number	Sub-Code	basin	County	Source	q 6416	q 4	q Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Date			Well	Water			
C 00160	C	ED	Shallow		2	3	3	10	22S	27E	576826	3585355*		2338	05/07/1948	05/10/1948	06/14/1949	85	40	BRININSTOOL, A.N.	410	
C 00160 CLW198701	O	C	ED		2	3	3	10	22S	27E	576826	3585355*		2338	05/07/1948	05/10/1948	06/06/1948			A.N. BRININSTOOL		
C 00267	C	ED	Shallow		3	1	1	16	22S	27E	575007	3584730*		2342	05/05/1951	05/09/1951	05/21/1951	54	42	HEMLER, HOWARD		
C 00015 CLW238653	O	CUB	ED	Shallow		1	4	28	22S	27E	575938	3580778*		2347	07/15/1948	08/05/1948	08/23/1948	200		A.M. BRINNINSTOOL		
C 03064	C	ED	Shallow		4	2	4	28	22S	27E	576442	3580682*		2350	10/20/2004	10/21/2004	02/28/2005	125	70	MALEY, JASON R.	1314	
C 02787	C	ED	Shallow		1	3	1	28	22S	27E	575028	3581274*		2363	11/10/2001	11/26/2001	02/14/2002	143	54	TAYLOR, CLINTON E.	1348	
C 00095	CUB	ED	Shallow		3	2	3	27	22S	27E	577052	3580694*		2372	04/30/1954	04/30/1954	01/23/1956	157		FRED BOND	167	
C 02899	C	ED	Shallow		1	3	4	09	22S	27E	575815	3585346*		2453	11/15/2002	11/16/2002	01/06/2003	33	22		1348	
C 03038	C	ED	Shallow		1	3	4	09	22S	27E	575815	3585346*		2453	10/13/2005	10/14/2005	01/23/2006	43	15		1348	
C 02922	CUB	ED	Shallow		3	3	4	17	22S	27E	574204	3583502*		2457	07/28/2003	08/21/2003	10/27/2003	200	48	BEHUNIN,KEITH	1227	
C 02149 CLW468826	O	C	ED	Shallow			4	28	22S	27E	576141	3580572*		2499	06/14/1987	06/22/1987	02/22/1988	125	70		592	
C 00114	CUB	ED	Shallow		3	1	4	20	22S	27E	574210	3582279*		2518	10/31/1947	01/31/1948	05/26/1950	253		JOE BOND		
C 04217 POD1	C	ED	Shallow		1	1	2	23	22S	27E	579137	3583385		2548	05/15/2018	05/18/2018	06/04/2018	175	75	MANN, TRAVIS	1778	
C 01504	C	ED	Shallow		4	3	2	17	22S	27E	574399	3584313*		2562	09/25/1973	10/03/1973	10/09/1973	65	45	BARRON, EMMETT	30	
C 00194	C	ED	Shallow		1	4	3	27	22S	27E	577054	3580487*		2576	07/11/1949	08/01/1949	06/20/1950	165	100	BRININSTOOL, A.M.	410	
C 03434 POD1	C	ED	Shallow		4	4	2	29	22S	27E	574876	3581101		2593	09/30/2009	10/05/2009	11/03/2009	99	75	CLINTON TAYLOR	1348	
C 00467	C	ED	Shallow			2	4	27	22S	27E	577964	3580807*		2597	11/02/1953	11/15/1953	02/15/1954	200	74	DAVID A. SPENCER	138	
C 00292	CUB	ED	Shallow		2	2	1	20	22S	27E	574001	3583285*		2626	01/15/1952	02/08/1952	03/04/1952	183		HOWARD HEMLER		
C 00292 CLW238488	O	CUB	ED	Shallow		2	2	1	20	22S	27E	574001	3583285*		2626	01/15/1952	02/08/1952	03/04/1952	183		HOWARD HEMLER	
C 03374 POD1	C	ED	Shallow		4	4	4	08	22S	27E	574898	3585044		2649	04/21/2008	04/22/2008	11/07/2008	58	25	CLINTON TAYLOR	1348	

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates
the POD has been
replaced & no longer
serves a water right
file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD																			License	
Sub-																			Number	
q q q																				
6416 4 Sec Tws Rng																				
X Y Distance Start Date Finish Date Date																				
Depth Well Depth Water Driller																				
POD Number	Code	basin	County	Source	6416	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Date	Depth Well	Depth Water	Driller	License Number	
C 02648	C	ED	Shallow	4	2	29	22S	27E		574724	3581168*		2650	04/28/1999	05/08/1999	05/18/1999	200	66	FELKINS, CLIFTON L.	763
C 02631	C	ED	Shallow	4	4	2	29	22S	27E	574823	3581067*		2654	06/20/1999	07/12/1999	09/14/1999	96	69		1348
C 01744	C	ED	Shallow	4	4	28	22S	27E		576345	3580377*		2662	06/02/1977	06/09/1977	06/13/1977	140	100	JIM TOMBLIN	592
C 01493	C	ED	Shallow	2	3	3	09	22S	27E	575205	3585337*		2706	01/29/1973	01/30/1973	02/05/1973	60	18	ABBOTT, MURRELL	46
C 01768	C	ED	Shallow	2	1	20	22S	27E		573902	3583186*		2717	07/22/1977	07/22/1977	08/02/1977	104		JIM TOMBLIN	592
C 00015	CUB	ED	Shallow	4	4	4	28	22S	27E	576444	3580276*		2755	07/15/1948	08/05/1948	08/23/1948	200		A.M. BRINNINSTOOL	
C 00486	C	ED	Shallow	4	4	4	28	22S	27E	576444	3580276*		2755	05/31/1954	05/01/1954	08/01/1955	146		HOWARD HEMLER	24
C 02149	C	ED	Shallow	4	4	4	28	22S	27E	576444	3580276*		2755	04/04/2005	04/07/2005	06/06/2005	119	62		1348
C 00663	C	ED	Shallow				17	22S	27E	574098	3584187*		2771	08/14/1955	08/22/1955	10/02/1955	115	30	W.C. MOORE	
C 00163	C	ED	Shallow	2	4	3	20	22S	27E	574007	3582067*		2778	08/31/1948	08/31/1948	10/01/1949	184	80	BRININSTOOL, A.M.	410
C 00540 CLW449978	O	CUB	ED	Shallow	2	1	20	22S	27E	573803	3582878*		2815	07/25/1979	07/30/1979	09/26/1979	148	45	MURRELL ABBOTT	46
C 00540 POD2	CUB	ED	Shallow	1	4	1	20	22S	27E	573803	3582878*		2815	07/25/1979	07/30/1979	09/26/1979	148	45	MURRELL ABBOTT	46
C 00078	CUB	ED	Shallow	3	1	3	26	22S	27E	578269	3580712*		2844	04/30/1949	04/30/1949	04/30/1949	180		BRINNINSTOOL	
C 01953	C	ED	Shallow	2	3	17	22S	27E		573898	3584001*		2886	05/11/1981	05/22/1981	05/25/1981	82	42	TAYLOR, W.H. SR.	604
C 01578	CUB	ED	Shallow	1	4	3	17	22S	27E	573799	3583692*		2893	02/25/1975	02/25/1975	08/14/1975	225	55	JOHNNY GRIFFIN	649
C 03899 POD2	CUB	ED	Shallow	1	4	3	17	22S	27E	573792	3583751		2914	03/30/2016	03/30/2016	06/06/2016	55	10	SANDERS, BRANDEN L.	1522
C 03899 POD5	CUB	ED	Shallow	1	4	3	17	22S	27E	573786	3583744		2918	04/01/2016	04/02/2016	06/06/2016	55	10	SANDERS, BRANDEN L.	1522
C 00412	C	ED	Shallow	4	4	08	22S	27E		574701	3585234*		2921	09/05/1951	09/21/1951	03/16/1953	237	40	DONOWHO, JOE	75
C 03899 POD4	CUB	ED	Shallow	1	4	3	17	22S	27E	573783	3583755		2924	04/02/2016	04/05/2016	06/06/2016	55	10	SANDERS, BRANDEN L.	1522
C 03899 POD1	CUB	ED	Shallow	1	4	3	17	22S	27E	573779	3583749		2926	03/29/2016	03/30/2016	06/06/2016	55	10	SANDERS, BRANDEN	1522

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates
the POD has been
replaced & no longer
serves a water right
file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	POD Sub-Code	basin	County	Source	q q q				X	Y	Distance	Start Date	Log File		Depth Well	Depth Water	Driller	License Number		
					6416	4	Sec	Tws					Rng	Date					Date	
C 00239	C	ED	Shallow	1	2	17	22S	27E	574298	3584822*		2931	08/21/1950	09/15/1950	10/16/1950	58		DONOWHO, JOE	75	
C 02206	C	ED	Shallow	2	4	4	08	22S	27E	574800	3585333*		2935	05/28/1991	06/02/1991	06/11/1991	60	18	MARK HAMMOND	461
C 03899 POD3	CUB	ED	Shallow	1	4	3	17	22S	27E	573767	3583756		2940	03/30/2016	04/01/2016	06/06/2016	55	10	SANDERS, BRANDEN L.	1522
C 02488	C	ED	Shallow		4	4	27	22S	27E	577966	3580401*		2952	03/27/1996	04/18/1996	07/16/1996	76	38		1348
C 03364 POD1	R C	ED	Shallow	4	3	4	27	22S	27E	577765	3580245		3009	01/15/2009	01/29/2009	10/29/2009	107	50	JASON MALEY	1314
C 01056	C	ED	Shallow	2	4	1	17	22S	27E	573994	3584507*		3010	04/16/1962	04/16/1962	04/30/1962	115	45	MOORE, W.C.	195
C 01275	CUB	ED	Shallow	1	2	3	17	22S	27E	573797	3584100*		3015	05/31/1965	05/31/1965	08/17/1967	205	45	J.T. KIMBROUGH	248
C 01035	C	ED	Shallow		3	20	22S	27E	573703	3582162*		3037	04/03/1982	04/04/1982	04/29/1983	90	75	JOHNSTON, RONNIE L.	678	
C 00653	C	ED	Shallow	1	1	2	34	22S	27E	577462	3580087*		3058	05/18/1955	05/20/1955	06/07/1956	120	80	DAVID A. SPENCER	138
C 00239 POD2	C	ED	Shallow	1	1	2	17	22S	27E	574197	3584921*		3071	01/08/1958	01/09/1958	01/21/1958	56	28	C.H. DONOWHO	270
C 04286 POD7	CUB	ED		2	3	3	17	22S	27E	573597	3583734		3100	01/16/2019	01/16/2019	02/25/2019	30		MARVIN MAGEE	1449
C 04291 POD7	CUB	ED		2	3	3	17	22S	27E	573561	3583651		3117	01/24/2019	01/27/2019	02/25/2019	300		MARVIN MAGEE	1449
C 04286 POD5	CUB	ED		1	3	3	17	22S	27E	573553	3583651		3124	01/28/2019	01/28/2019	02/19/2019	30		MARVIN MAGEE	1449
C 00436	C	ED	Shallow	3	3	26	22S	27E	578371	3580407*		3153	04/06/1953	04/07/1953	04/10/1953	88	48	KIMMEL, J.F.	153	
C 00074	CUB	ED	Shallow	2	3	3	20	22S	27E	573601	3582060*		3164	01/31/1955	01/31/1955	03/10/1955	222	52	JOLLY, J.R.	171
C 00628	C	ED	Shallow	2	3	3	20	22S	27E	573601	3582060*		3164	06/25/1977	06/29/1977	11/16/1977	175	80	HEMLER, H.	24
C 00825	CUB	ED	Shallow	3	3	3	26	22S	27E	578270	3580306*		3184	04/30/1976	05/02/1976	07/06/1976	132	68	YOUNG, C.G. (RED)	499
C 03553 POD1	C	ED	Shallow	4	2	2	33	22S	27E	576554	3579841		3184	10/22/2012	10/23/2012	11/08/2012	200	75	KEY, GARY (LD)	1058
C 03688 POD1	CUB	ED	Shallow	4	1	1	20	22S	27E	573568	3583978		3191	11/06/2013	11/12/2013	01/17/2014	409	40	CAIN, SHAWN	1664

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates
the POD has been
replaced & no longer
serves a water right
file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

	POD										Log File				Depth	Depth		License			
	Sub-			q	q	q															
POD Number	Code	basin	County	Source	6416	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Date	Well	Water	Driller	Number		
C 00360 A	CUB	ED	Shallow	3	3	4	08	22S	27E	574195	3585129*		3205	01/30/1965	02/06/1965	02/23/1966	90		A.M. BRININSTOOL	410	
C 00147	C	ED	Shallow	1	3	1	20	22S	27E	573398	3582872*		3220			04/12/1949	53		BRININSTOOL, A.M.	410	
C 00282	CUB	ED	Shallow	3	2	2	26	22S	27E	579482	3581546*		3226	11/24/1953	12/05/1953	02/26/1954	125	50	SAM S. SMITH		
C 00733	C	ED	Shallow	4	3	3	20	22S	27E	573601	3581860*		3231	09/21/1956	10/23/1956	10/31/1956	220	60	R.H. FREEK	212	
C 01383	C	ED	Shallow	4	3	3	20	22S	27E	573601	3581860*		3231	03/01/1968	03/31/1968	07/18/1969	65	50	BURGETT, EVERETT D.	248	
C 00148	C	ED	Shallow	2	2	1	17	22S	27E	573992	3584916*		3232	04/30/1948	04/30/1948	04/05/1949	60		DONAHUE & SON	122	
C 00640	C	ED	Shallow	2	2	1	17	22S	27E	573992	3584916*		3232	03/10/1955	03/12/1955	03/21/1955	60	34	DONOWHO, JOE	75	
C 04318 POD1	C	ED	Shallow	1	3	1	24	22S	27E	579847	3582984		3233	05/27/2019	05/28/2019	06/17/2019	79	58	CLINTON E TAYLOR	1348	
C 00455	C	ED	Shallow	2	2	2	34	22S	27E	578066	3580093*		3272	08/17/1954	09/01/1954	11/24/1954	133		MORELAND, A.H.	113	
C 00981	C	ED	Shallow	2	2	2	34	22S	27E	578066	3580093*		3272	04/14/1961	05/30/1961	06/22/1961	250	41	SPENCER, DAVID A.	138	
C 00279	C	ED	Shallow		2	2	26	22S	27E	579583	3581647*		3273	09/08/1951	09/30/1951	11/26/1952	160	48	SPENCER, DAVID A.	138	
C 02587	R	C	ED	Shallow		2	2	26	22S	27E	579630	3581720		3286	09/02/1998	09/02/1998	09/25/1998	71	12		1348
C 00526	C	ED	Shallow	3	2	1	17	22S	27E	573792	3584716*		3289	09/23/1953	10/17/1953	02/16/1956	325		EDWARD MELLWATSON	145	
C 03691 POD1	CUB	ED	Shallow	3	3	3	17	22S	27E	573339	3583490		3308	11/23/2013	12/22/2013	01/17/2014	701	40	SHAWN CAIN	1664	
C 03514 POD1	C	ED	Shallow	1	3	1	24	22S	27E	579923	3583010		3308	08/15/2011	08/19/2011	09/01/2011	59	31	TAYLOR, CLINTON E.	1348	
C 03673 POD2	CUB	ED	Shallow	3	4	3	17	22S	27E	573361	3583724		3327	10/01/2013	10/14/2013	01/17/2014	404	40	SHAWN CAIN	1664	
C 03068	C	ED	Shallow	1	3	3	20	22S	27E	573401	3582060*		3355	10/25/2004	10/26/2004	02/28/2005		60	MALEY, JASON R.	1314	
C 00360	CUB	ED	Shallow	4	4	3	08	22S	27E	573990	3585125*		3360	11/15/1952	11/25/1952	03/17/1953	125		SAM S. SMITH.	108	
C 00360 CLW229790	O	CUB	ED	Shallow	4	4	3	08	22S	27E	573990	3585125*		3360	11/15/1952	11/25/1952	03/17/1953	125		SAM S. SMITH.	108
C 00531	CUB	ED	Shallow	1	1	1	35	22S	27E	578271	3580099*		3363	02/09/1954	10/01/1946	03/22/1954	150	87	FRANK GENTRY	24	

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates
the POD has been
replaced & no longer
serves a water right
file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

	POD										Log File				Depth	Depth		License			
	Sub-			q	q	q															
POD Number	Code	basin	County	Source	6416	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Date	Well	Water	Driller		Number	
C 02996	C	ED	Shallow	1	1	1	33	22S	27E	575034	3580055*		3365	10/11/2003	12/31/2003	01/02/2004	120	62	VLOSICH, JOSEPH M., JR.	1536	
C 00611	CUB	LE	Shallow	1	1	3	17	22S	27E	573392	3584092*		3394	11/01/1954	11/04/1954	05/23/1956	185	60	HOWARD HEMLER		
C 00971	C	ED	Shallow		3	3	13	22S	27E	579981	3583679*		3429	10/11/1960	10/13/1960	10/24/1960	60	18	BARRON, EMMETT	30	
C 00030 CLW193040	O	CUB	ED	Shallow	1	3	2	34	22S	27E	577465	3579680*		3452	03/29/1953	04/28/1953	05/11/1953	220	69	DAVID A. SPENCER.	138
C 00030 CLW193055	O	CUB	ED	Shallow	1	3	2	34	22S	27E	577465	3579680*		3452	02/16/1948	03/12/1948	03/05/1949	205		HOWARD HEMLER, DRLRS PMT #CD19	
C 00030 S	CUB	ED	Shallow	1	3	2	34	22S	27E	577465	3579680*		3452		04/28/1953	05/25/1965	200	69	DAVE SPENCER.		
C 00880	C	ED	Shallow	4	2	2	34	22S	27E	578066	3579893*		3452	07/01/1959	07/15/1959	02/15/1960	190		HOWARD HEMLER	24	
C 03085	C	ED	Shallow	2	2	2	32	22S	27E	574830	3580049*		3471	05/08/2005	05/09/2005	06/06/2005	155	82		1348	
C 02392	C	ED	Shallow		4	2	33	22S	27E	576350	3579564*		3472	01/24/1995	01/25/1995	01/30/1995	150	48	OSBOURN, FLOYD MILTON	353	
C 00037	C	ED	Shallow	2	4	4	18	22S	27E	573191	3583678*		3485	11/20/1947	11/20/1947	12/04/1947	100		YANT BRINNINSTOOL	410	
C 03084	C	ED	Shallow	3	1	4	08	22S	27E	574192	3585532*		3485	07/10/2006	07/27/2006	09/07/2006	112	14		1348	
C 02885	C	ED	Shallow	2	4	3	08	22S	27E	573990	3585325*		3489	08/20/2004	08/20/2004	09/13/2004	47	18		1348	
C 02667	C	ED	Shallow	1	3	4	29	22S	27E	574223	3580448*		3516	10/10/1999	10/19/1999	11/03/1999	128	81		1348	
C 04309	C	ED	Shallow	3	2	2	32	22S	27E	574960	3579920		3519	05/02/2019	05/18/2019	07/15/2019	142	134	TAYLOR, CLINTON E.E. ENER	1348	
C 01677	C	ED	Shallow		1	3	13	22S	27E	579979	3584084*		3526	05/17/1976	05/19/1976	05/26/1976	56	20	RANDALL JENKINS	460	
C 00410	CUB	ED	Shallow	4	4	3	26	22S	27E	578875	3580313*		3531	08/19/1954	12/31/1946	10/05/1954	150	50	FRANK CRAFT	161	
C 00597	C	ED	Shallow	1	2	3	29	22S	27E	573815	3580848*		3547	07/30/1954	08/05/1954	05/03/1955	140	90	DONOWHO, JOE	75	
C 02502	C	ED	Shallow		2	2	32	22S	27E	574731	3579950*		3607	02/16/1998	02/19/1998	04/15/1998	98	64		1348	
C 00215	CUB	ED	Shallow	4	3	2	33	22S	27E	576044	3579458*		3613	04/16/1947	03/11/1952	07/02/1952	180	150	JOE BOND & FRED A. BOND		
C 04145 POD1	C	ED	Shallow	4	2	3	08	22S	27E	574048	3585604		3637	10/12/2017	10/17/2017	11/09/2017	119	81	TAYLOR, CLINTON E.	1348	

*UTM location was derived from PLSS - see Help

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

	POD										Log File				Depth	Depth		License			
	Sub-			q	q	q															
POD Number	Code	basin	County	Source	6416	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Date	Well	Water	Driller	Number		
C 02499	C	ED	Shallow	1	1	25	22S	27E		579989	3581653*		3643	10/31/1996	10/31/1996	11/05/1996	100	35	FELKINS, CLIFTON L.	763	
C 03738 POD1	C	ED	Shallow	1	1	3	34	22S	27E	576785	3579382		3647	05/29/2014	05/30/2014	06/13/2014	137	68	JASON MALEY	1690	
C 00191	CUB	ED	Shallow	3	3	2	33	22S	27E	575844	3579458*		3650	04/10/1950	04/10/1950	09/01/1950	200		A.M. BRINNINSTOOL		
C 01590	C	ED	Shallow		3	1	13	22S	27E	579977	3584489*		3666	06/02/1975	06/30/1975	08/20/1975	100	40	TAYLOR, W.H. SR.	604	
C 02590	C	ED	Shallow	2	1	2	32	22S	27E	574425	3580043*		3700	08/29/1998	08/29/1998	09/25/1998	87	45		1348	
C 02590 POD2	C	ED	Shallow	2	1	2	32	22S	27E	574425	3580043*		3700	03/09/1999	03/16/1999	03/24/1999	300	114	TAYLOR, CLINTON E.	763	
C 00836	C	ED	Shallow	3	1	1	13	22S	27E	579874	3584794*		3707	07/02/1968	07/20/1968	10/21/1968	175	52	A.J. MORELAND	113	
C 01722	C	ED	Shallow	3	1	1	13	22S	27E	579874	3584794*		3707	11/23/1976	09/10/1977	09/21/1977	180	64	INGRAM, JACK L.	591	
C 00356	C	ED	Shallow				34	22S	27E	577363	3579359*		3742	01/06/1953	01/16/1953	02/02/1953	155	45	KIMMEL, J.F.	153	
C 00105	CUB	ED	Shallow	4	4	4	04	22S	27E	576412	3586774*		3753		03/04/1949			HOWARD HEMLER			
C 02063	C	ED	Shallow			08	22S	27E		574089	3585825*		3769	06/01/1983	07/31/1983	07/05/1984	45	25		592	
C 02536	C	ED	Shallow	4	1	1	25	22S	27E	580088	3581552*		3773	09/30/1997	10/01/1997	10/06/1997	120	20	FELKINS, CLIFTON L.	763	
C 00030	CUB	ED	Shallow	1	2	3	34	22S	27E	577062	3579267*		3785	10/19/1981	03/12/1948	11/18/1981	205	50	J.H. TOMBLIN.	592	
C 00030 CLW193032	O	CUB	ED	Shallow	1	2	3	34	22S	27E	577062	3579267*		3785	02/16/1948	03/12/1948	03/05/1949	205		HOWARD HEMLER, DRLRS PMT #CD19	
C 02230	C	ED	Shallow			33	22S	27E		575742	3579340*		3787	07/20/1991	09/02/1991	09/13/1991	260	90	MARK HAMMOND	461	
C 02449	C	ED	Shallow			33	22S	27E		575742	3579340*		3787	12/28/1995	01/03/1996	01/29/1996	300	70		1261	
C 03086	C	ED	Shallow	2	3	3	08	22S	27E	573585	3585321*		3800	07/21/2005	07/28/2005	08/18/2006	163	38	WAYNE BRAZRAL	685	
C 03028	C	ED	Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	12/29/2005	07/26/2006	08/07/2006	217	89	VLOSICH, JOSEPH M., JR.	1536	
C 03073	C	ED	Shallow	4	4	2	34	22S	27E	578068	3579486*		3826	06/03/2005	06/06/2005	06/17/2005	150	122	MALEY, JASON R.	1314	
C 03074	C	ED	Shallow	4	3	1	33	22S	27E	575235	3579449*		3833	09/03/2004	09/03/2004	09/13/2004	115	85		1185	

*UTM location was derived from PLSS - see Help

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

	POD Sub-										Log File				Depth	Depth		License			
POD Number	Code	basin	County	Source	q	q	q		X	Y	Distance	Start Date	Finish Date	Date	Well	Water	Driller	Number			
C 01312	CUB	ED	Shallow	3	1	35	22S	27E	578373	3579593*		3857	12/28/1966	01/23/1967	03/03/1967	203	65	SAM SMITH	108		
C 01523	C	ED	Shallow	3	3	1	35	22S	27E	578272	3579492*		3903	12/28/1973	01/03/1974	01/28/1974	118	60	JENKINS, RANDALL	460	
C 03162	C	ED		2	2	2	18	22S	27E	573183	3584909*		3914	03/05/2006	03/06/2006	03/13/2006	42			1348	
C 01088	C	ED	Shallow	3	3	3	12	22S	27E	579872	3585199*		3915	08/08/1962	08/13/1962	09/07/1962	64	36	MORELAND, A.J.	113	
C 03506 POD1	CUB	ED	Shallow	2	1	4	19	22S	27E	572735	3582415		3927	08/01/2011	08/02/2011	09/08/2011	85	71	ATKINS, JACKIE D. (LD)	1249	
C 00627	C	ED		1	13	22S	27E	580178	3584690*		3932	07/01/1955	07/01/1955	04/02/1956	100		HOWARD HELMER	24			
C 00171	CUB	ED	Shallow	1	2	4	34	22S	27E	577870	3579279*		3951	01/02/1952	03/02/1950	11/25/1952	198	21	A. M. BRIMSTOOL		
C 00171 CLW193980	O	CUB	ED	Shallow	1	2	4	34	22S	27E	577870	3579279*		3951	06/09/1953	06/17/1953	06/23/1953	265		J. F. KIMMELL	
C 02262	C	ED	Shallow	4	2	32	22S	27E	574732	3579544*		3958	10/07/1992	10/07/1992	10/29/1992	128	60	COLLIS, ROBERT E. (LD)	1184		
C 02525	C	ED	Shallow	1	3	3	08	22S	27E	573385	3585321*		3961	05/15/1997	05/28/1997	06/27/1997	49	17		1348	
C 00287	CUB	ED	Shallow	3	1	3	34	22S	27E	576657	3579061*		3965	06/05/1990	06/18/1990	07/15/1990			W. H. TAYLOR	604	
C 03030	C	ED	Shallow	3	1	2	32	22S	27E	574225	3579843*		3980	09/24/2005	12/21/2005	12/29/2005	100	53	VLOSICH, JOSEPH M., JR.	1536	
C 00644	CUB	ED	Shallow	3	2	4	33	22S	27E	576251	3579056*		3986	07/08/1965	07/10/1965	07/27/1965	190		BARRON, EMMETT	30	
C 00393	CUB	ED	Shallow	3	1	3	25	22S	27E	579890	3580742*		3993	01/05/1978	01/17/1978	04/18/1978	200	30	W. D. BRININSTOOL	24	
C 00393 CLW198205	O	CUB	ED	Shallow	3	1	3	25	22S	27E	579890	3580742*		3993	07/26/1971	08/01/1971	10/15/1971	193	37	W. D. BRININSTOOL	24
C 00393 CLW198226	O	CUB	ED	Shallow	3	1	3	25	22S	27E	579890	3580742*		3993	04/25/1977	05/02/1977	06/14/1977	200	40	W. D. BRININSTOOL	24
C 00393 CLW223748	O	CUB	ED	Shallow	3	1	3	25	22S	27E	579890	3580742*		3993	01/05/1978	01/17/1978	04/18/1978	200	30	W. D. BRININSTOOL	24
C 00017	C	ED	Shallow	3	3	2	19	22S	27E	572589	3582669*		4041		03/31/1948	11/09/1948	125		JOHN DONOWHO	122	
C 01478	C	ED	Shallow	2	2	4	30	22S	27E	573207	3580836*		4050	07/02/1972	07/10/1972	07/21/1972	172	149	BARRON, EMMETT	30	
C 03123	C	ED	Shallow	2	2	4	30	22S	27E	573207	3580836*		4050	09/07/2006	09/09/2006	12/13/2006	159	97		1348	

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates
the POD has been
replaced & no longer
serves a water right
file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	POD Sub-Code	basin	County	Source	q	q	q	4	16	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
C 02618	C	ED	Shallow		3	1	3	08	22S	27E				573382	3585522*	4084	12/30/1998	01/01/1999	01/21/1999	41	20		1348
C 03066	C	ED			1	1	3	33	22S	27E				575037	3579243*	4098	10/09/2004	10/13/2004	11/01/2004	240			1348
C 01356	C	ED	Shallow		4	2	4	30	22S	27E				573207	3580636*	4162	08/01/1967	12/31/1967	01/15/1968	210	130	ROBERTS, GRADY	137
C 00013	C	ED	Shallow		3	2		18	22S	27E				572683	3584396*	4163	12/31/1947	12/31/1947	11/26/1948	120		GRAY, D. N.	
C 03043	C	ED	Shallow		2	3	3	34	22S	27E				576859	3578855*	4178	06/05/2004	07/10/2004	07/15/2004	118	68	JOSEPH M VLOSICH, JR	1536
C 00343	CUB	ED	Shallow		4	3	2	32	22S	27E				574427	3579437*	4203		08/31/1965	11/09/1965	200		MRS. A.M. BRININSTOOL	410
C 03013	C	ED	Shallow		4	1	3	33	22S	27E				575237	3579043*	4214	02/28/2004	05/21/2004	05/26/2004	118	63	VLOSICH, JOSEPH M., JR.	1536
C 00294	CUB	ED	Shallow		3	3	4	24	22S	27E				580701	3581970*	4220	02/22/1952	02/24/1952	09/09/1952	156	15	J. F. KIMMELL	
C 00978	C	ED	Shallow		3	3	2	18	22S	27E				572582	3584295*	4227	12/15/1960	12/23/1960	02/09/1961	200	68	W C MOORE	296
C 00978 POD2	C	ED	Shallow		3	3	2	18	22S	27E				572582	3584295*	4227	01/02/1961	01/14/1961	02/09/1961	200	68	W C MOORE	296
C 03290	C	ED	Shallow		1	3	3	34	22S	27E				576715	3578778	4248	09/03/2007	09/14/2007	11/26/2007	127	72		1348
C 00012	C	ED	Shallow					18	22S	27E				572515	3584168*	4255	12/31/1947	12/31/1947	01/07/1949	120		GRAY, D. N.	
C 01700	C	ED	Shallow		3	3	34	22S	27E					576760	3578756*	4272	08/02/1976	08/23/1976	09/07/1976	205	118	TAYLOR, BILL G.	655
C 01801	C	ED	Shallow		3	3	34	22S	27E					576760	3578756*	4272	05/22/1978	06/10/1978	06/24/1978	220		BRININSTOOL, W.D.	24
C 00680	C	ED	Shallow		3	1	3	35	22S	27E				578272	3579085*	4275	01/01/1956	01/14/1956	05/23/1956	150	46	HOWARD HEMLER	24
C 00210	CUB	ED	Shallow		3	3	2	35	22S	27E				579082	3579508*	4297	01/24/1978	02/05/1978	02/07/1978	211		W. D. BRININSTOOL	24
C 00210 CLW193708	O	CUB	ED	Shallow	3	3	2	35	22S	27E				579082	3579508*	4297	01/24/1978	02/05/1978	02/07/1978	211		W. D. BRININSTOOL	24
C 00343 CLW242784	O	CUB	ED	Shallow	3	3	2	32	22S	27E				574227	3579437*	4310	12/11/1954	12/18/1954	07/08/1955	193	143	W.D. BRINNINSTOOL	161
C 02529	C	ED	Shallow		3	12		22S	27E					580174	3585501*	4335	01/10/1998	09/05/1998	09/14/1998	113	51	JOHNSTON, RONNIE L.	678
C 02127	C	ED	Shallow		4	4	3	02	22S	27E				578846	3586802*	4385	12/19/1985	12/19/1985	12/27/1985	160	30	CORKY GLENN	421

*UTM location was derived from PLSS - see Help

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

	POD										Log File				Depth	Depth		License				
	Sub-			q	q	q																
POD Number	Code	basin	County	Source	64	16	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Date	Well	Water	Driller	Number		
C 00515	CUB	ED	Shallow	3	4	4	33	22S	27E		576254	3578650*		4390	05/20/1954	12/31/1946	06/15/1955	180	80	FRED BOND	167	
C 01184	C	ED	Shallow	4	4	4	30	22S	27E		573210	3580230*		4405	04/25/1964	05/03/1964	05/05/1964	144	131	SPENCER, DAVID A.	138	
C 02412	C	ED	Shallow	2	3	3	33	22S	27E		575238	3578836*		4410	12/15/1994	01/30/1995	03/06/1995	251	65	TAYLOR, W.H. SR.	604	
C 02470 CLW198142	O		ED	Shallow	4	3	4	24	22S	27E		580901	3581970*		4414	03/21/1996	03/22/1996	04/03/1996	67	36	TAYLOR WATER WELL SERVICE	1348
C 00031 C	CUB	ED	Shallow	1	4	4	30	22S	27E		573010	3580430*		4442	12/31/1949	12/31/1953	10/15/1956	204	172	SPENCER DAVID A	138	
C 02709	C	ED	Shallow	2	3	4	07	22S	27E		572777	3585318*		4469	08/25/2000	08/29/2000	11/28/2000	61	28		1348	
C 03673 POD1	CUB	ED	Shallow	1	3	3	17	22S	27E		572182	3583640		4475	10/01/2013	10/14/2013	01/17/2014	399	47	JEFF CAVEY, SHAWN CAIN	1664	
C 02696	C	ED	Shallow	1	3	3	33	22S	27E		575038	3578836*		4476	09/22/2000	09/30/2000	11/02/2000	124	71		1348	
C 03274	C	ED	Shallow	4	4	3	33	22S	27E		575643	3578641*		4491	07/27/2006	07/31/2006	09/07/2006	130	81		1348	
C 01761	C	ED	Shallow		3	35	22S	27E			578575	3578980*		4495	06/09/1977	06/13/1977	06/23/1977	135	85	JENKINS, RANDALL	460	
C 00062 A-S	CUB	ED	Shallow	3	1	1	32	22S	27E		573417	3579830*		4521	03/06/1998	03/24/1998	05/07/1998	200	100	HAMMOND, MARK	1400	
C 00228 S	CUB	ED	Shallow	2	2	2	31	22S	27E		573213	3580025*		4536	11/03/1957	12/20/1957	12/27/1957	225	145	SPENCER, DAVID A.	138	
C 01037	C	ED	Shallow	2	2	2	31	22S	27E		573213	3580025*		4536	07/20/1962	08/03/1962	08/08/1962	141	109	SPENCER, DAVID A.	138	
C 01973	C	ED	Shallow	1	1	1	03	23S	27E		576661	3578453*		4573	07/07/1981	07/11/1981	07/23/1981	127	90	MURRELL ABBOTT	46	
C 02433	C	ED	Shallow	4	3	3	33	22S	27E		575238	3578636*		4600	01/30/1995	02/21/1995	03/06/1995	96	64	TAYLOR, W.H. SR.	604	
C 04264 POD4	CUB	ED	Shallow	2	1	4	07	22S	27E		572836	3585674		4614	08/01/2019	08/01/2019	08/23/2019	36	25	JACKIE D ATKINS	1249	
C 04264 POD2	CUB	ED	Shallow	2	1	4	07	22S	27E		572829	3585669		4617	08/04/2019	08/04/2019	08/23/2019	36	25	JACKIE D ATKINS	1249	
C 04264 POD3	CUB	ED	Shallow	2	1	4	07	22S	27E		572816	3585662		4624	08/03/2019	08/04/2019	08/23/2019	36	25	JACKIE D ATKINS	1249	
C 04264 POD1	CUB	ED	Shallow	2	1	4	07	22S	27E		572817	3585666		4625	07/21/2018	07/21/2018	08/21/2018	37	27	LEYBA JR., GUADALUPE	1249	
C 02977	C	ED	Shallow	1	1	2	03	23S	27E		577470	3578466*		4639	03/12/2004	03/16/2004	03/29/2004	179	125	AINSWORTH, RYAN D.	1540	

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates
the POD has been
replaced & no longer
serves a water right
file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD		Sub- q q q										Log File				Depth	Depth	Driller	License Number		
POD Number	Code	basin	County	Source	6416	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Date	Well	Water				
C 01971	C	ED	Shallow	1	1	03	23S	27E		576762	3578354*		4674	11/08/1982	11/12/1982	11/22/1982	164	145	MAGBY, EDGAR	969	
C 01989	C	ED	Shallow	1	1	03	23S	27E		576762	3578354*		4674	08/28/1983	09/20/1984	10/10/1984	168	88	BALLARD, JOHN A.	489	
C 02146	C	ED	Shallow	1	1	03	23S	27E		576762	3578354*		4674	05/06/1987	05/12/1987	06/11/1987	125	125		592	
C 02148	C	ED	Shallow	1	1	03	23S	27E		576762	3578354*		4674	05/19/1987	05/25/1987	06/22/1987	125	70		592	
C 02150	C	ED	Shallow	1	1	03	23S	27E		576762	3578354*		4674	06/05/1987	06/12/1987	02/22/1988	125	70		592	
C 02154	C	ED	Shallow	1	1	03	23S	27E		576762	3578354*		4674	07/01/1987	07/11/1987	02/22/1988	125	70		592	
C 02166	C	ED	Shallow	1	1	03	23S	27E		576762	3578354*		4674	05/23/1988	06/04/1988	06/08/1989	140	75		592	
C 03821 POD1	C	ED	Shallow	2	2	3	32	22S	27E	573988	3579146		4685	12/12/2014	12/13/2014	12/17/2014	200	120	JUSTIN MULLINS	1737	
C 00271	C	ED	Shallow	1	4	07	22S	27E		572676	3585617*		4714	11/09/1953	11/20/1953	08/08/1955	111	30	HOWARD HEMLER	24	
C 03504 POD1	C	ED	Shallow	2	3	4	32	22S	27E	574508	3578789		4731	07/15/2012	07/19/2012	07/26/2012	105	90	HAMMOND, MARK (LD)	1400	
C 02324	C	ED	Shallow	1	2	03	23S	27E		577571	3578367*		4756	06/24/1993	06/28/1993	07/09/1993	125	75	CAMPBELL, MICHAEL R.	1259	
C 03157	C	ED	Shallow	1	4	1	30	22S	27E	572196	3581231*		4769	02/05/2006	02/08/2006	03/13/2006	173	100		1348	
C 01625	C	ED	Shallow		1	18	22S	27E		572109	3584591*		4769	05/20/1976	06/10/1976	08/19/1976	36	28	BARRON, EMMETT	30	
C 00770 CLW202385	O	CUB	ED	Shallow	1	3	4	25	22S	27E	580705	3580551*		4780	07/31/1957	07/31/1957	09/30/1958	210	22	BRININSTOOL, W.D.	24
C 00870		CUB	ED	Shallow	3	3	1	36	22S	27E	579892	3579523*		4797		12/31/1946	02/24/1959	200	50	FRANK GENTRY	
C 01086	C	ED	Shallow		1	30	22S	27E		572121	3581328*		4803	07/15/1962	07/22/1962	09/12/1962	200	140	BARRON, EMMETT	30	
C 02624	C	ED	Shallow	3	2	2	31	22S	27E	573013	3579825*		4818	04/29/1999	05/15/1999	06/04/1999	220	75		1348	
C 02970	C	ED	Shallow	3	4	4	32	22S	27E	574635	3578630*		4821	06/12/2003	06/13/2003	07/16/2003	138	71	TAYLOR, CLINTON E.	1348	
C 00283	C	ED	Shallow	2	2	03	23S	27E		577973	3578373*		4847	05/25/1983	06/03/1983	06/16/1983	108	60	INGRAM, JACK L.	591	
C 02226	C	ED	Shallow	2	2	03	23S	27E		577973	3578373*		4847	07/03/1991	07/06/1991	07/17/1991	135	70	MARK HAMMOND	461	

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates
the POD has been
replaced & no longer
serves a water right
file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

	POD											Log File				Depth	Depth		License		
	Sub-	basin	County	Source	q 64	q 16	q 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Date	Well	Water	Driller	Number	
C 00093		CUB	ED	Shallow	3	2	4	35	22S	27E	579487	3579109*		4857	02/01/1964	02/10/1964	02/05/1965	210	140	SMITH, SAM S.	108
C 00093 CLW226379	O	CUB	ED	Shallow	3	2	4	35	22S	27E	579487	3579109*		4857	05/12/1948	05/24/1948	06/05/1951	200		J.F. KIMMEL	
C 00093 POD3		CUB	ED	Shallow	3	2	4	35	22S	27E	579487	3579109*		4857	06/18/1973	06/23/1973	07/11/1973	174	60	RANDALL JENKINS, SR.	460
C 03164		C	ED	Shallow	3	1	3	19	22S	27E	571811	3582254*		4865	02/09/2006	02/13/2006	03/13/2006	130	87		1348
C 00770		CUB	ED	Shallow	3	3	4	25	22S	27E	580705	3580351*		4887	09/30/1974	09/30/1974	02/11/1975	200	44	BRININSTOOL, W.D.	24
C 02409		C	ED	Shallow	3	3	4	30	22S	27E	572607	3580225*		4889	12/02/1994	12/07/1994	01/17/1995	191	90	HAMMOND, J.O.	461
C 02897		C	ED	Shallow	2	1	1	02	23S	27E	578474	3578478*		4913	08/19/2002	08/26/2002	10/02/2002	168	68		1348
C 00720		C	ED	Shallow		1	1	02	23S	27E	578375	3578379*		4969	03/15/1957	03/26/1957	04/17/1957	108	64	DAVID A. SPENCER	138
C 00546		C	ED	Shallow	1	3	1	03	23S	27E	576663	3578051*		4975	04/24/1954	04/27/1954	05/12/1954		123	SMITH, SAM S.	108
C 00038 S		CUB	ED	Shallow	1	2	1	02	23S	27E	578679	3578485*		4988	02/16/1948	02/26/1948	03/08/1948	171		KIMMELL & MCDANIEL.	

Record Count: 264

UTMNAD83 Radius Search (in meters):

Easting (X): 576614.64

Northing (Y): 3583026.1

Radius: 5000

***UTM location was derived from PLSS - see Help**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

National Flood Hazard Layer FIRMette



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **2/5/2020 at 2:18:16 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

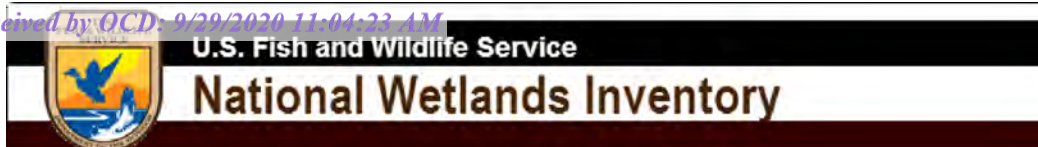


USGS The National Map: Orthoimagery. Data refreshed April, 2019.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

32°22'38.57\"N

104°10'49.07\"W



Grandi 22 002H: Flowing Water 511 ft



February 5, 2020

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

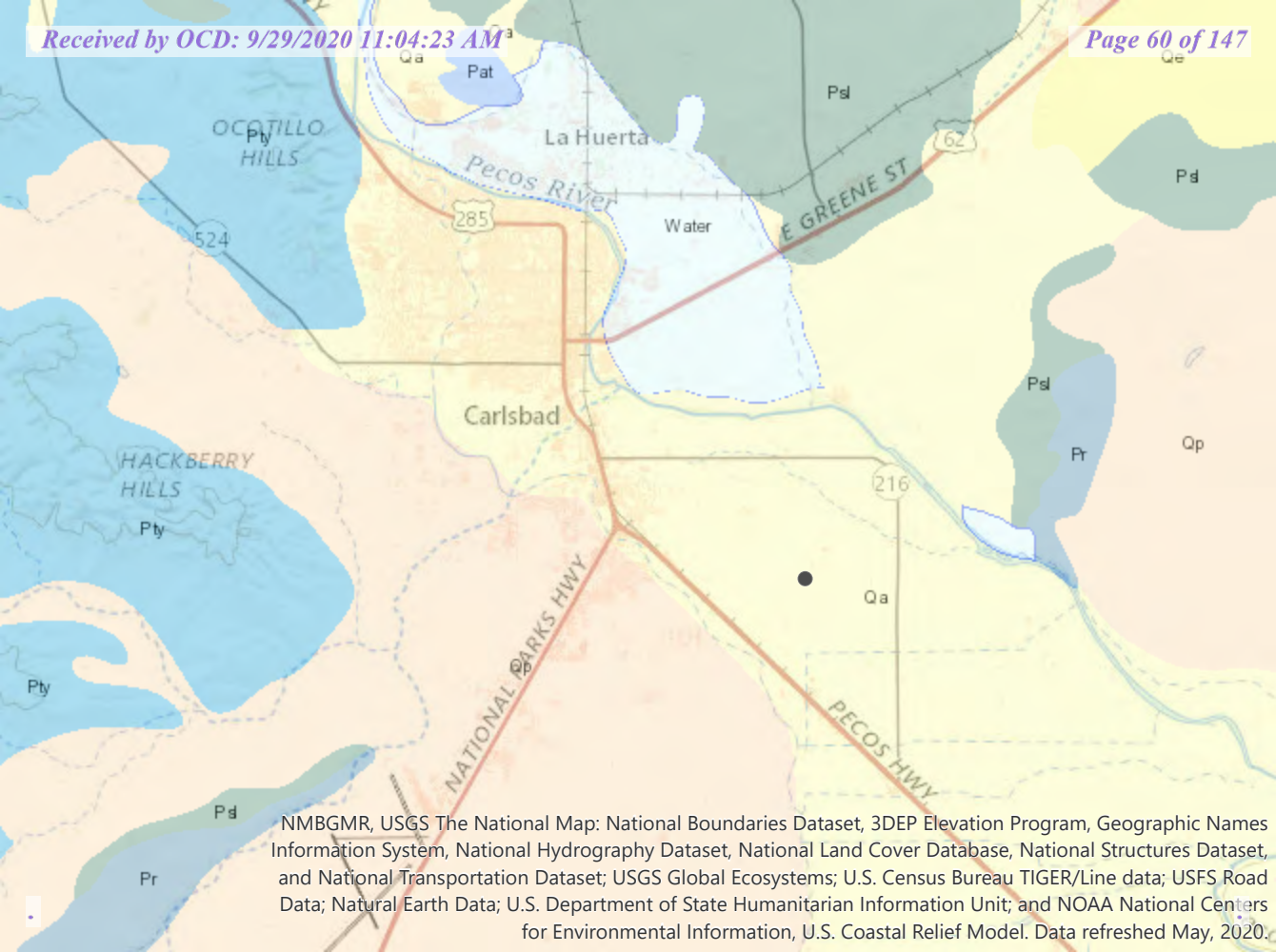
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

USA Karst

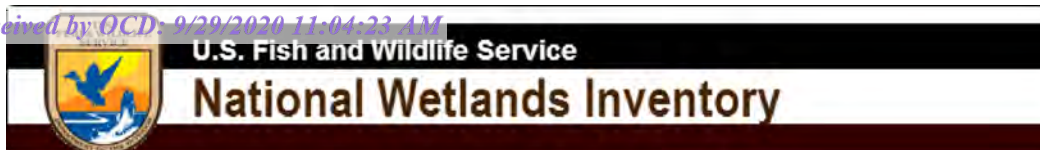


A map showing karst areas in the United States based on the U.S. Geological Survey Open-File Report 2004-1352

U.S. Geological Survey Open-File Report 2004-1352, Caves and Karst in the U.S. National Park Service, AGI Karst Map of the US. | Earthstar Geographics



NMBGMR, USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed May, 2020.



Grandi 22 002H: Lake 7,983 ft



February 5, 2020

Wetlands

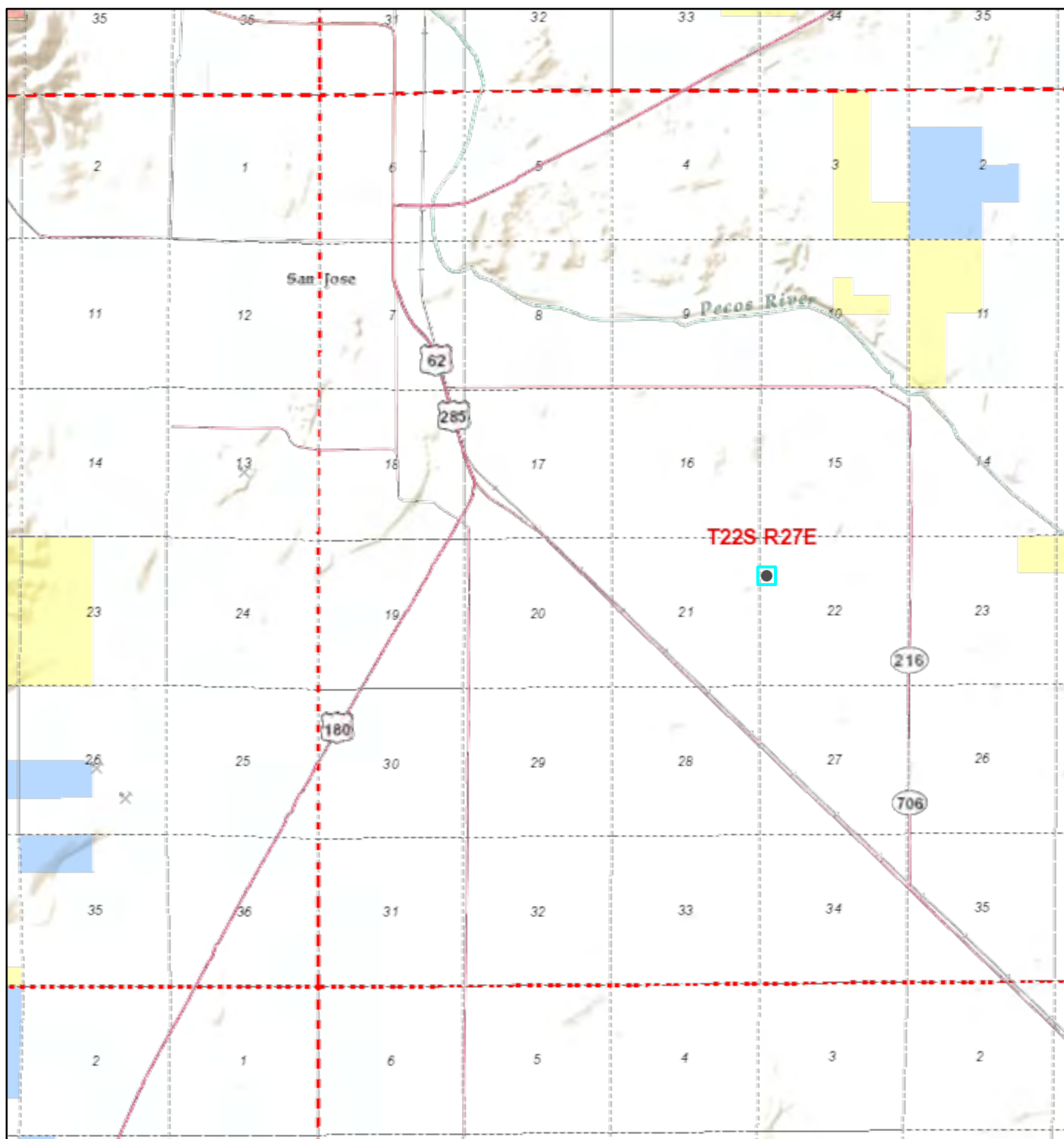
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Active Mines near Grandi 22 002H



2/5/2020, 12:37:53 PM

Registered Mines

✕ Aggregate, Stone etc.

1:72,224

U.S. Bureau of Land Management - New Mexico State Office, Sources:
Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS

EMNRD MMD GIS Coordinator

NM Energy, Minerals and Natural Resources Department (<http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795>)



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced

and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)

C=the file is closed)

(quarters are smallest to largest)

(NAD83 UTM in meters)

WR File Nbr	Sub					County	POD Number	Well		Source	q q q					X	Y	Distance
	basin	Use	Diversion	Owner	Tag			Code Grant	6416 4		Sec	Tws	Rng					
C 03459	CUB	EXP		0 WALTERSCHEID TRUCKING & FARMS	ED	C 03459 POD1				4 3 1 22 22S 27E	576794	3582696		376				
C 02512	C	DOM		3 RUBEN CASTILLO	ED	C 02512			Shallow	1 3 22 22S 27E	576740	3582415*		623				
					ED	C 02512 POD2			Shallow	1 3 22 22S 27E	576740	3582415*		623				
C 02259	C	DOM		3 SHAWN P. PAYNE	ED	C 02259			Shallow	2 4 21 22S 27E	576335	3582410*		676				
C 02558	C	DOM		3 STEVEN RODRIGUEZ	ED	C 02558			Shallow	2 4 21 22S 27E	576335	3582410*		676				
C 00614	C	DOM		3 H. C. TIDWELL, SR.	ED	C 00614			Shallow	3 1 3 22 22S 27E	576639	3582314*		712				
C 00613	C	DOM		3 ALVY WILLIAMS	ED	C 00613			Shallow	4 2 4 21 22S 27E	576434	3582309*		739				
C 03083	C	DOM		0 DAVID G FLORES	ED	C 03083				2 1 4 21 22S 27E	576030	3582503*		784				
C 03080	C	DOL		3 RAY BERRY	ED	C 03080				3 2 4 21 22S 27E	576234	3582309*		811				
C 00747 A	CUB	IRR	254.1	BAR W FARMS	ED	C 00747			Shallow	3 3 2 21 22S 27E	575828	3582709*		848				
C 02961	C	DOL		3 RAY L BERRY	ED	C 02961			Shallow	3 1 4 21 22S 27E	575830	3582303*		1067				
C 00009 A	CUB	IRR	234.3	BETTY WEEMS	ED	C 00009			Shallow	3 3 3 22 22S 27E	576641	3581908		1118				
C 00009 B	CUB	IRR		66 WALTERSCHEID TRUCKING & FARMS INC	ED	C 00009			Shallow	3 3 3 22 22S 27E	576641	3581908		1118				
C 00009 C	CUB	IRR	233.91	DELORES WALTERSCHEID	ED	C 00009			Shallow	3 3 3 22 22S 27E	576641	3581908		1118				
C 00009 D	CUB	IRR	148.5	HENRY MCDONALD	ED	C 00009			Shallow	3 3 3 22 22S 27E	576641	3581908		1118				
C 00009 E	CUB	IRR	29.76	HENRY MC DONALD	ED	C 00009			Shallow	3 3 3 22 22S 27E	576641	3581908		1118				
C 00009 G	CUB	IRR	2.921	VICKY GARCIA	ED	C 00009			Shallow	3 3 3 22 22S 27E	576641	3581908		1118				
C 00152	CUB	IRR	233.91	HENRY WALTERSCHEID	ED	C 00152			Shallow	3 3 3 22 22S 27E	576641	3581908*		1118				

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub					County	POD Number	Well		q q q						X	Y	Distance		
	basin	Use	Diversion	Owner	Tag			Code	Grant	Source	6416	4	Sec	Tws	Rng					
C 01010	C	DOM		3 THOMAS FORNI	ED	C 01010				Shallow	4	3	16	22S	27E	575519	3583617*		1244	
C 00151	CUB	IRR		0 HENRY WALTERSCHEID	ED	C 00151					1	2	4	22	22S	27E	577856	3582533*		1335
C 02234	CUB	IRR		174 ENEA GRANDI FARMS	ED	C 02234				Shallow	1	2	4	22	22S	27E	577856	3582533*		1335
C 00587	C	DOM		3 WARREN WEEMS	ED	C 00587				Shallow	2	2	2	28	22S	27E	576438	3581696*		1341
C 00901	C	DOM		3 WARREN WEEMS	ED	C 00901				Shallow	1	2	1	27	22S	27E	577048	3581707*		1388
C 00022	CUB	IRR		24 JOSEPH E AND MARY LOU WALTERSCHEID REVOCABLE TRUST	ED	C 00022				Shallow	3	3	3	10	22S	27E	577159	3584336		1419
C 00576	CUB	IRR		216 BAR W. FARMS	ED	C 00022				Shallow	3	3	3	10	22S	27E	577159	3584336		1419
C 00576 A	CUB	IRR		120 WILLA SUE WALTERSCHEID	ED	C 00022				Shallow	3	3	3	10	22S	27E	577159	3584336		1419
C 00700 A	CUB	IRR		360 JOSEPH E. AND MARY LOU WALTERSCHEID REVOCABLE TRUST	ED	C 00022				Shallow	3	3	3	10	22S	27E	577159	3584336		1419
C 02242	CUB	IRR		30.3 BAR W FARMS	ED	C 00022				Shallow	3	3	3	10	22S	27E	577159	3584336		1419
C 03124	C	PRO		0 GRUY PETROLEUM	ED	C 00022				Shallow	3	3	3	10	22S	27E	577159	3584336		1419
C 03853	C	PRO		0 CONCHO OIL & GAS	ED	C 00022				Shallow	3	3	3	10	22S	27E	577159	3584336		1419
C 03854	C	PRO		0 CONCHO OIL & GAS	ED	C 00022				Shallow	3	3	3	10	22S	27E	577159	3584336		1419
C 03855	C	PRO		0 CONCHO OIL & GAS	ED	C 00022				Shallow	3	3	3	10	22S	27E	577159	3584336		1419
C 00022	CUB	IRR		24 JOSEPH E AND MARY LOU WALTERSCHEID REVOCABLE TRUST	ED	C 02242				Shallow	1	1	4	15	22S	27E	577185	3584336		1429
C 00576	CUB	IRR		216 BAR W. FARMS	ED	C 02242				Shallow	1	1	4	15	22S	27E	577185	3584336		1429
C 00576 A	CUB	IRR		120 WILLA SUE WALTERSCHEID	ED	C 02242				Shallow	1	1	4	15	22S	27E	577185	3584336		1429
C 00700 A	CUB	IRR		360 JOSEPH E. AND MARY LOU WALTERSCHEID REVOCABLE TRUST	ED	C 02242				Shallow	1	1	4	15	22S	27E	577185	3584336		1429
C 02242 A	CUB	IRR		348 BAR W. FARMS	ED	C 02242				Shallow	1	1	4	15	22S	27E	577185	3584336		1429
C 02242 B	CUB	IRR		273.6 BAR W FARMS	ED	C 02242				Shallow	1	1	4	15	22S	27E	577185	3584336		1429

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	6416	4	Sec	Tws	Rng	X	Y	Distance	
C 03857	C	PRO		0 CONCHO OIL AND GAS	ED	C 02242				Shallow	1	1	4	15	22S	27E	577185	3584336 	1429
C 03858	C	PRO		0 CONCHO OIL AND GAS	ED	C 02242				Shallow	1	1	4	15	22S	27E	577185	3584336 	1429
C 03859	C	PRO		0 CONCHO OIL AND GAS	ED	C 02242				Shallow	1	1	4	15	22S	27E	577185	3584336 	1429
C 04354	CUB	EXP		0 HUGHES COMMERCIAL PROPERTIES	ED	C 04354 POD2	NA			Shallow	1	1	2	27	22S	27E	577363	3581802 	1434
C 00588	C	DOM		0 ENEA GRANDI & SONS	ED	C 00588				Shallow	2	2	1	27	22S	27E	577248	3581707* 	1463
C 03480	C	DOM		1 ERNESTO TORRES	ED	C 03480 POD1				Shallow	3	2	3	16	22S	27E	575465	3583961 	1481
C 00748	C	EXP		0 CALVANI BROTHERS	ED	C 00748								16	22S	27E	575717	3584215* 	1489
C 00760	C	DOM		3 HARVEY J. JURNEY	ED	C 00760				Shallow				16	22S	27E	575717	3584215* 	1489
C 00027	CUB	IRR		584.4 LOUIS E PATE	ED	C 00027				Shallow	4	4	3	21	22S	27E	575628	3581891 	1503
C 00027 AM	CUB	IRR		14.418 MARK PEARCY	ED	C 00027				Shallow	4	4	3	21	22S	27E	575628	3581891 	1503
C 00150	CUB	IRR		0 HENRY WALTERSCHEID	ED	C 00150				Shallow	3	1	1	27	22S	27E	576643	3581501* 	1525
C 00150 A	CUB	IRR		180 BETTY WEEMS	ED	C 00150				Shallow	3	1	1	27	22S	27E	576643	3581501* 	1525
C 04354	CUB	EXP		0 HUGHES COMMERCIAL PROPERTIES	ED	C 04354 POD1	NA			Shallow	1	1	2	27	22S	27E	577533	3581803 	1529
C 02117	CUB	IRR		135 SKIPWORTH & HELEN SHAFER	ED	C 02117				Shallow	1	1	2	28	22S	27E	575834	3581691* 	1546
C 00022	CUB	IRR		24 JOSEPH E AND MARY LOU WALTERSCHEID REVOCABLE TRUST	ED	C 00700				Shallow	3	3	2	15	22S	27E	577441	3584355* 	1564
C 00584	CUB	IRR		0 O'CHESKEY FRED L & SEARS JOHN	ED	C 00584					3	3	2	15	22S	27E	577441	3584355* 	1564
C 00700	CUB	IRR		450 HERBERT CLARENCE BINDEL	ED	C 00700				Shallow	3	3	2	15	22S	27E	577441	3584355* 	1564
C 00700 BA	CUB	IRR		291.3 W.C. SIBLEY	ED	C 00700				Shallow	3	3	2	15	22S	27E	577441	3584355* 	1564
C 00016	CUB	IRR		230.7 NICHOLS ORAL C	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698 	1630
C 00016 A	CUB	IRR		545.7 FEDERAL LAND BANK OF WICHITA	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698 	1630
C 00016 B	CUB	IRR		370.2 NICHOLS ORAL C	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698 	1630

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub						Well			q q q							X	Y	Distance	
	basin	Use	Diversion	Owner	County	POD Number	Tag	Code	Grant	Source	6416	4	Sec	Tws	Rng					
C 00027 A	CUB	IRR	262.914	GERALD WILLIAMS	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698		1630
C 00027 AA	CUB	IRR	25.5	MERRILL E SMITH	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698		1630
C 00027 AB	CUB	IRR	16.74	CLINTON MARRS	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698		1630
C 00027 AC	CUB	IRR	15	JAMES K & DONNA C FRINTZ	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698		1630
C 00027 AD	CUB	IRR	27.45	JORGE MARTINEZ	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698		1630
C 00027 AE	CUB	IRR	16.836	LARRY G COALSON	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698		1630
C 00027 AF	CUB	IRR	6.6	ROBERT R & MARIA M LOPEZ	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698		1630
C 00027 AG	CUB	IRR	9	SHERWOOD T & LINDA J DALTON	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698		1630
C 00027 AH	CUB	IRR	9	DANIEL G OR ANNABELL M FLORES	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698		1630
C 00027 AI	CUB	IRR	36.36	JACKIE MC DONALD	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698		1630
C 00027 AM	CUB	IRR	14.418	MARK PEARCY	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698		1630
C 00307	C	DOL	3	A. L. NICHOLS	ED	C 00016				Shallow	3	3	1	21	22S	27E	575018	3582698		1630
C 00022	CUB	IRR	24	JOSEPH E AND MARY LOU WALTERSCHEID REVOCABLE TRUST	ED	C 00576 S				Shallow	2	4	1	15	22S	27E	577235	3584550		1645
C 00700 A	CUB	IRR	360	JOSEPH E. AND MARY LOU WALTERSCHEID REVOCABLE TRUST	ED	C 00576 S				Shallow	2	4	1	15	22S	27E	577235	3584550		1645
C 02242	CUB	IRR	30.3	BAR W FARMS	ED	C 00576 S				Shallow	2	4	1	15	22S	27E	577235	3584550		1645
C 03255	C	PRO	0	CIMEREX ENERGY	ED	C 00576 S				Shallow	2	4	1	15	22S	27E	577235	3584550		1645
C 03840	C	PRO	0	DEVON ENERGY CO	ED	C 00576 S				Shallow	2	4	1	15	22S	27E	577235	3584550		1645
C 03841	C	PRO	0	DEVON ENERGY CO	ED	C 00576 S				Shallow	2	4	1	15	22S	27E	577235	3584550		1645
C 03842	C	PRO	0	DEVON ENERGY CO	ED	C 00576 S				Shallow	2	4	1	15	22S	27E	577235	3584550		1645
C 02235	CUB	IRR	420	ENEA GRANDI FARMS	ED	C 02235				Shallow	4	2	1	27	22S	27E	577248	3581507*		1645
C 04043	CUB	EXP	0	VALERIE BRANSON	ED	C 04043 POD1					1	3	1	27	22S	27E	576703	3581380		1647

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub			Owner	County	POD Number	Well		q q q							X	Y	Distance		
	basin	Use	Diversion				Tag	Code	Grant	Source	6416	4	Sec	Tws	Rng					
C 04027	CUB	EXP		0 SCOTT BRANSON	ED	C 04027 POD1				Shallow	1	3	1	27	22S	27E	576703	3581378		1650
C 02903	C	DOM		3 MICHAEL W SUGGS	ED	C 02903				Shallow	3	4	4	22	22S	27E	577858	3581926*		1660
C 00251	C	STK		3 TROY CAVINESS	ED	C 00251				Shallow		4	4	22	22S	27E	577959	3582027*		1674
C 02881	C	DOM		3 WESTERN COMMERCE BANK	ED	C 02881				Shallow		4	4	22	22S	27E	577959	3582027*		1674
C 03763	C	DOM		1 JAMES R MARSHALL	ED	C 03763 POD1				Shallow	1	2	2	28	22S	27E	575686	3581616		1687
C 04279	C	SAN		1 TRAVIS MANN	ED	C 04279		207C6		Shallow	3	3	3	14	22S	27E	578253	3583498		1705
C 01682	C	DOL		0 CAROL J CUNNYNGHAM	ED	C 01682					1	1	3	23	22S	27E	578262	3582539*		1717
C 00022	CUB	IRR		24 JOSEPH E AND MARY LOU WALTERSCHEID REVOCABLE TRUST	ED	C 00576				Shallow	3	1	1	15	22S	27E	576628	3584749*		1722
C 00700 A	CUB	IRR		360 JOSEPH E. AND MARY LOU WALTERSCHEID REVOCABLE TRUST	ED	C 00576				Shallow	3	1	1	15	22S	27E	576628	3584749*		1722
C 02242	CUB	IRR		30.3 BAR W FARMS	ED	C 00576				Shallow	3	1	1	15	22S	27E	576628	3584749*		1722
C 00043	C	DOL		3 FORNI BROTHERS	ED	C 00043				Shallow	3	3	3	14	22S	27E	578256	3583557*		1725
C 01776	C	DOL		3 BILLY C PHILLIPS	ED	C 01776				Shallow		3	1	23	22S	27E	578361	3582846*		1755
C 01713	C	DOM		3 CARL H DOUGHTY	ED	C 01713				Shallow	3	1	3	23	22S	27E	578262	3582339*		1784
C 01774	C	DOL		3 FRANKIE H AUTREY	ED	C 01774					3	1	3	23	22S	27E	578262	3582339*		1784
C 01110	C	DOL		3 ALBERT CALVANI	ED	C 01110				Shallow	3	1	3	16	22S	27E	575011	3583917*		1834
C 00572	CUB	IRR		348 BONNIE WILLIAMS	ED	C 00572				Shallow	2	4	1	27	22S	27E	577250	3581301*		1838
C 01242	CUB	IRR		22.2 DIANE MONTOYA	ED	C 01242				Shallow	1	3	3	23	22S	27E	578264	3582133*		1875
C 01242 A	CUB	IRR		22.2 HECTOR MONTOYA	ED	C 01242				Shallow	1	3	3	23	22S	27E	578264	3582133*		1875
C 01242 B	CUB	IRR		22.2 CONNIE M HERNANDEZ	ED	C 01242				Shallow	1	3	3	23	22S	27E	578264	3582133*		1875
C 01242 C	CUB	IRR		22.2 ABLE A MONTOYA	ED	C 01242				Shallow	1	3	3	23	22S	27E	578264	3582133*		1875
C 01242 D	CUB	IRR		22.2 PAULINE MONTANEZ	ED	C 01242				Shallow	1	3	3	23	22S	27E	578264	3582133*		1875

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub					County	POD Number	Well		q q q						X	Y	Distance		
	basin	Use	Diversion	Owner	Tag			Code Grant	Source	6416	4	Sec	Tws	Rng						
C 00284	C	DOM		3 SESTILIA GINANNI	ED	C 00284				Shallow	2	1	15	22S	27E	577134	3584856*		1902	
C 00015	CUB	IRR	282.12	SKEEN PARTNERSHIP	ED	C 00056				Shallow	1	3	2	28	22S	27E	575835	3581284*		1908
C 00056	CUB	IRR		0 ELIZABETH SKEEN	ED	C 00056				Shallow	1	3	2	28	22S	27E	575835	3581284*		1908
C 01853	C	DOL		3 GREGORIO HERNANDEZ	ED	C 01853				Shallow		1	2	16	22S	27E	575918	3584841*		1944
C 00532	C	PDM		3 ENEA GRANDI	ED	C 00532					2	2	2	27	22S	27E	578060	3581720*		1948
					ED	C 00532 RPR					2	2	2	27	22S	27E	578060	3581720*		1948
C 00810	CUB	IRR		0 LEONARD H. JONES	ED	C 00810						3	3	23	22S	27E	578365	3582034*		2011
C 02848	CUB	COM	120	HENRY MCDONALD	ED	C 00231 A				Shallow	1	4	1	23	22S	27E	578666	3582951*		2052
					ED	C 03063				Shallow	1	4	1	23	22S	27E	578666	3582951*		2052
C 03063	CUB	EXP		0 MESQUITE SWD INC.	ED	C 03063				Shallow	1	4	1	23	22S	27E	578666	3582951*		2052
C 03765	C	DOL		0 EDDIE C SING	ED	C 03765 POD1					4	1	1	28	22S	27E	575221	3581518		2052
C 00292	CUB	IRR	592.5	ESTATE OF BOBBYE DENE ROGERS	ED	C 00292 S-2					3	4	4	17	22S	27E	574609	3583506*		2062
C 00523	CUB	IRR		0 GEORGE FISCHER	ED	C 00523					3	4	4	17	22S	27E	574609	3583506*		2062
C 01407	CUB	DOM		3 JAMES DILLARD HAMILTON	ED	C 01407					3	3	1	16	22S	27E	575009	3584324*		2064
C 01097	C	DOM		3 JAP HUDSON	ED	C 01097				Shallow	1	1	2	16	22S	27E	575817	3584940*		2073
C 00077	CUB	IRR	300	FEDERAL LAND BANK OF WICHITA	ED	C 00077				Shallow	1	1	1	26	22S	27E	578266	3581726*		2101
C 01805	C	DOL		3 LONNIE S MCGONAGILL	ED	C 01805				Shallow		3		23	22S	27E	578566	3582235*		2105
C 00403	C	DOM		3 JOE BRYAN	ED	C 00403				Shallow	2	1		16	22S	27E	575513	3584836*		2118
C 00701	C	DOM		3 WILSON BRAZEAL	ED	C 00701				Shallow	2	1		16	22S	27E	575513	3584836*		2118
C 01560	C	DOM		3 ROBERT OSBORNE	ED	C 01560				Shallow	2	1		16	22S	27E	575513	3584836*		2118
C 01607	C	DOL		0 THOMAS D. DAY	ED	C 01607					2	1		16	22S	27E	575513	3584836*		2118
C 01861	C	DOL		3 BRUCE F ROBINSON	ED	C 01861				Shallow	2	1		16	22S	27E	575513	3584836*		2118

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q 6416	q 4	q Sec	Tws	Rng	X	Y	Distance	
C 03213	C	PRO		0 PURE	ED	C 03166				Shallow	3	3	3	10	22S	27E	576626	3585155* 	2128
C 03239	C	STK		3 BAR W FARMS	ED	C 03166				Shallow	3	3	3	10	22S	27E	576626	3585155* 	2128
C 00021 A	CUB	IRR		31.2 CITY OF CARLSBAD	ED	C 00021 A				Shallow	4	4	4	09	22S	27E	576421	3585150* 	2132
C 00021 AB	CUB	IRR		0 JOHNNIE OR SHARON GIOVENGO JR	ED	C 00021 A				Shallow	4	4	4	09	22S	27E	576421	3585150* 	2132
C 00571 A	CUB	IRR		28.2 SUNSET GARDENS INC.	ED	C 00021 A				Shallow	4	4	4	09	22S	27E	576421	3585150* 	2132
C 03392	C	DOM		1 DANIEL BAEZA	ED	C 03392 POD1				Shallow	2	2	4	28	22S	27E	576508	3580886 	2142
C 04368	C	DOM		1 MHAT	ED	C 04368 POD1	2246F			Shallow	4	2	2	27	22S	27E	578081	3581458 	2147
C 02979	C	DOL		0 ROBERT WEST	ED	C 02979					2	2	4	28	22S	27E	576442	3580882* 	2151
C 00693	C	DOM		3 CLAUDIO SAPIEN	ED	C 00693				Shallow	2	2	1	16	22S	27E	575612	3584935* 	2156
C 00102	CUB	IRR		147.9 BEN WHEELER ESTATE	ED	C 00102				Shallow	1	3	1	16	22S	27E	575009	3584524* 	2195
C 00102 A	CUB	IRR		42 JAMES DILLARD HAMILTON	ED	C 00102 A					1	3	1	16	22S	27E	575009	3584524* 	2195
C 00102 B	CUB	IRR		24.6 LEIGHTON H. & MARY B. BROWN	ED	C 00102				Shallow	1	3	1	16	22S	27E	575009	3584524* 	2195
C 00102 C	CUB	IRR		10.5 VERONICA MURRILL	ED	C 00102				Shallow	1	3	1	16	22S	27E	575009	3584524* 	2195
C 01545	C	DOM		3 RICHARD L MENUY	ED	C 01545				Shallow	1	3	1	16	22S	27E	575009	3584524* 	2195
C 00357	C	DOM		3 ADDIE S. TURNER	ED	C 00357				Shallow	4	4	2	17	22S	27E	574804	3584318* 	2224
C 01113	C	DOM		3 JAMES DILL	ED	C 01113					4	4	2	17	22S	27E	574804	3584318* 	2224
C 00582	CUB	PLS		3 WALTERSCHEID BROTHERS	ED	C 00582					1	3	1	14	22S	27E	578252	3584567* 	2248
C 00273	C	DOM		3 JAMES P. TANNER	ED	C 00273					1	2	1	16	22S	27E	575412	3584935* 	2256
C 00021	CUB	IRR		0 W D BALES	ED	C 00021					3	3	4	09	22S	27E	575815	3585146* 	2265
C 03288	C	DOM		3 KENNETH D MCDONALD SR	ED	C 03288					3	4	1	28	22S	27E	575432	3581079* 	2278
C 00744	CUB	IRR		109.2 ANNETTE STANDLEY	ED	C 00744				Shallow	3	3	4	10	22S	27E	577437	3585166* 	2292
C 03996	C	DOL		3 VANESSA RUBIO	ED	C 03996 POD1					2	4	2	17	22S	27E	574871	3584517 	2294

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub			Owner	County	POD Number	Well		Source	q q q					X	Y	Distance	
	basin	Use	Diversion				Tag	Code Grant		6416	4	Sec	Tws	Rng				
C 03692	CUB	EXP		0 BAR "W" FARMS	ED	C 03692 POD1				4	3	4	17	22S	27E	574348	3583457 	2306
C 02374	C	DOL		3 BRIAN E SANTO	ED	C 02374			Shallow	3	4	09	22S	27E	575916	3585247* 	2328	
C 02379	C	DOL		3 STEVE M WALKER	ED	C 02379			Shallow	3	4	09	22S	27E	575916	3585247* 	2328	
C 03029	C	DOM		3 ALICE P STANCO	ED	C 03029			Shallow	3	4	09	22S	27E	575916	3585247* 	2328	
C 00160	C	DOM		3 EMMA D. ENNEFER	ED	C 00160			Shallow	2	3	3	10	22S	27E	576826	3585355* 	2338
C 02915	C	DOM		0 CHARLES V VEAZEY	ED	C 02915			Shallow	4	4	3	09	22S	27E	575610	3585141* 	2341
C 00267	C	DOM		3 A.H. JURNEY	ED	C 00267			Shallow	3	1	1	16	22S	27E	575007	3584730* 	2342
C 03064	C	DOL		3 FRANK WELDON	ED	C 03064			Shallow	4	2	4	28	22S	27E	576442	3580682* 	2350
C 03129	C	PRO		0 CHI ENERGY	ED	C 03064			Shallow	4	2	4	28	22S	27E	576442	3580682* 	2350
C 03159	C	PRO		0 CHI OPERATING	ED	C 03064			Shallow	4	2	4	28	22S	27E	576442	3580682* 	2350
C 03959	C	DOL		3 RAYLAND VANNATTA	ED	C 03959 POD1				2	1	4	27	22S	27E	577693	3580930 	2357
C 02787	C	DOM		3 WILLIAM FAWCETT	ED	C 02787			Shallow	1	3	1	28	22S	27E	575028	3581274* 	2363
C 00780	C	DOL		0 ANNETTE STANDLEY	ED	C 00780				4	3	4	10	22S	27E	577637	3585166* 	2371
C 00095	CUB	IRR		231 EVELYN DELL COOKSEY	ED	C 00095			Shallow	3	2	3	27	22S	27E	577052	3580694* 	2372
C 00095 A	CUB	IRR		181.8 LARRY AND MARY BECKETT	ED	C 00095			Shallow	3	2	3	27	22S	27E	577052	3580694* 	2372
C 00095 AA	CUB	IRR		33 SHERRY S CHASTAIN	ED	C 00095			Shallow	3	2	3	27	22S	27E	577052	3580694* 	2372
C 00095 B	CUB	IRR		79.2 LARRY AND MARY BECKETT	ED	C 00095			Shallow	3	2	3	27	22S	27E	577052	3580694* 	2372
C 01829	CUB	IRR		0.42 JOHN H. WILLIAMS	ED	C 01829				3	2	4	28	22S	27E	576242	3580682* 	2373
C 01829 A	CUB	IRR		28.5 PHILLIP MCCULLOUGH	ED	C 01829				3	2	4	28	22S	27E	576242	3580682* 	2373
C 01829 AA	CUB	IRR		12 UNITED STATES OF AMERICA THRU FARM SERVICE AGENCY	ED	C 01829				3	2	4	28	22S	27E	576242	3580682* 	2373
C 01829 B	CUB	IRR		60.48 JACKSON CONSTRUCT & PLUMBING	ED	C 01829				3	2	4	28	22S	27E	576242	3580682* 	2373
C 01829 C	CUB	IRR		64.2 ROBERT S. AND BRENDA J. WEST	ED	C 01829				3	2	4	28	22S	27E	576242	3580682* 	2373

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub			Owner	County	POD Number	Well		Source	q q q					X	Y	Distance		
	basin	Use	Diversion				Tag	Code		Grant	6416	4	Sec	Tws				Rng	
C 01829 CA	CUB	IRR	13.2	DANIEL AND TERRA R. BAEZA, JR.	ED	C 01829				3	2	4	28	22S	27E	576242	3580682*		2373
C 00480	C	DOM	0	E. L. PHILLIPS	ED	C 00480				3	4	2	17	22S	27E	574604	3584318*		2389
C 04385	C	MUL	1	CESAR ORTEGA	ED	C 04385 POD1		223DF		3	4	3	09	22S	27E	575316	3585081		2431
C 00849	C	DOM	0	ALBERT HEMLER	ED	C 00849					3	10		22S	27E	576928	3585457*		2451
C 01820	C	DOL	0	JOE STANCO	ED	C 01820				1	3	4	09	22S	27E	575815	3585346*		2453
C 02899	C	DOL	3	BILLY LINK LACEWELL	ED	C 02899			Shallow	1	3	4	09	22S	27E	575815	3585346*		2453
C 03038	C	DOM	3	JOELLA WILSON	ED	C 03038			Shallow	1	3	4	09	22S	27E	575815	3585346*		2453
C 02922	CUB	EXP	0	BAR "W" FARMS	ED	C 02922			Shallow	3	3	4	17	22S	27E	574204	3583502*		2457
C 00695	C	DOM	0	ELIZABETH SKEEN	ED	C 00695				3	1	4	28	22S	27E	575837	3580677*		2474
C 00014	CUB	IRR	171.09	ROY THOMASON	ED	C 00014 S			Shallow	3	3	1	28	22S	27E	575028	3581074*		2515
C 00014 A	CUB	IRR	0	ELIZABETH SKEEN	ED	C 00014 S			Shallow	3	3	1	28	22S	27E	575028	3581074*		2515
C 00014 B	CUB	IRR	0	OTIS WATER USERS COOPERATIVE	ED	C 00014 S			Shallow	3	3	1	28	22S	27E	575028	3581074*		2515
C 00114	CUB	IRR	257.16	WALTERSCHEID TRUCKING AND FARMS, INC.	ED	C 00114			Shallow	3	1	4	20	22S	27E	574210	3582279*		2518
C 00804	C	DOM	0	JESSE E. BUCKNER	ED	C 00804				4	2	4	09	22S	27E	576418	3585556*		2537
C 00818	CUB	EXP	0	JESSE E. BUCKNER	ED	C 00818				4	2	4	09	22S	27E	576418	3585556*		2537
C 00021 AA	CUB	IRR	63.6	SUNSET MEMORIAL GARDENS PARK	ED	C 00092			Shallow	4	3	3	09	22S	27E	575205	3585137*		2538
C 00092	CUB	IRR	103.5	SUNSET GARDENS MEMORIAL PARK	ED	C 00092			Shallow	4	3	3	09	22S	27E	575205	3585137*		2538
C 00092 A	CUB	IRR	13.71	STANCO JOE & ALICE P	ED	C 00092			Shallow	4	3	3	09	22S	27E	575205	3585137*		2538
C 00092 B	CUB	IRR	13.96	WADE JIM PAT & PAULA M.	ED	C 00092			Shallow	4	3	3	09	22S	27E	575205	3585137*		2538
C 00092 C	CUB	IRR	13.17	WADE WILBUR LEON & MELVA JOYCE	ED	C 00092			Shallow	4	3	3	09	22S	27E	575205	3585137*		2538
C 00092 D	CUB	IRR	13.7	SMITH STANLEY A & MARY J	ED	C 00092			Shallow	4	3	3	09	22S	27E	575205	3585137*		2538
C 00092 E	CUB	IRR	10.8	JONES JON W & LYNDA S	ED	C 00092			Shallow	4	3	3	09	22S	27E	575205	3585137*		2538

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	6416	4	4	Sec	Tws	Rng	X	Y	Distance
C 00092 EA	CUB	IRR	11.31	MICHAEL M STRUM	ED	C 00092				Shallow	4	3	3	09	22S	27E	575205	3585137*	 2538
C 00092 EB	CUB	IRR	7.86	CHARLES V VEAZEY	ED	C 00092				Shallow	4	3	3	09	22S	27E	575205	3585137*	 2538
C 00092 EC	CUB	IRR	7.5	RONALD L EIDSON	ED	C 00092				Shallow	4	3	3	09	22S	27E	575205	3585137*	 2538
C 00092 ED	CUB	IRR	9.99	DONALD G MCKINNEY	ED	C 00092				Shallow	4	3	3	09	22S	27E	575205	3585137*	 2538
C 00092 F	CUB	IRR	34.5	BILLY LINK & MARTI JO LACEWELL	ED	C 00092				Shallow	4	3	3	09	22S	27E	575205	3585137*	 2538
C 00092 G	CUB	IRR	114	BETTY JO GILLESPIE	ED	C 00092				Shallow	4	3	3	09	22S	27E	575205	3585137*	 2538
C 00092 H	CUB	IRR	159	J E OR BARBARA BUCKNER	ED	C 00092				Shallow	4	3	3	09	22S	27E	575205	3585137*	 2538
C 04217	C	DOL	3	MICHAEL JOHN ACKMAN	ED	C 04217 POD1	206D6			Shallow	1	1	2	23	22S	27E	579137	3583385	 2548
C 01504	C	DOM	3	JOHNNY O ADAMS	ED	C 01504				Shallow	4	3	2	17	22S	27E	574399	3584313*	 2562
C 00194	C	DOM	3	JIMMIE COOKSEY	ED	C 00194				Shallow	1	4	3	27	22S	27E	577054	3580487*	 2576
C 03522	C	DOM	1	ESTATE OF GRACIE L HARRIS	ED	C 03522 POD1					4	3	2	17	22S	27E	574421	3584409	 2592
C 03434	C	DOM	1	EDWARD HARRIS	ED	C 03434 POD1				Shallow	4	4	2	29	22S	27E	574875	3581101	 2593
C 00467	C	STK	3	ENEA GRANDI AND SONS	ED	C 00467				Shallow	2	4	27	22S	27E	577964	3580807*	 2597	
C 00292	CUB	IRR	592.5	ESTATE OF BOBBYE DENE ROGERS	ED	C 00292				Shallow	2	2	1	20	22S	27E	574001	3583285*	 2626
					ED	C 00292 S				Shallow	2	2	1	20	22S	27E	574001	3583285*	 2626
C 00292 A	CUB	IRR	349.5	ALBERT CALVANI	ED	C 00292				Shallow	2	2	1	20	22S	27E	574001	3583285*	 2626
					ED	C 00292 S				Shallow	2	2	1	20	22S	27E	574001	3583285*	 2626
C 00292 B	CUB	IRR	0	BOBBYE DENE ROGERS	ED	C 00292				Shallow	2	2	1	20	22S	27E	574001	3583285*	 2626
					ED	C 00292 S				Shallow	2	2	1	20	22S	27E	574001	3583285*	 2626
C 00014	CUB	IRR	171.09	ROY THOMASON	ED	C 00014				Shallow	3	2	3	28	22S	27E	575434	3580672*	 2633
C 00014 A	CUB	IRR	0	ELIZABETH SKEEN	ED	C 00014				Shallow	3	2	3	28	22S	27E	575434	3580672*	 2633
C 00014 B	CUB	IRR	0	OTIS WATER USERS COOPERATIVE	ED	C 00014				Shallow	3	2	3	28	22S	27E	575434	3580672*	 2633

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub			Owner	County	POD Number	Well		q q q							X	Y	Distance		
	basin	Use	Diversion				Tag	Code	Grant	Source	6416	4	Sec	Tws	Rng					
C 03062	CUB	DAI	6.8	LARRY D. BECKETT	ED	C 03062				Shallow	3	2	4	27	22S	27E	577863	3580706*		2634
C 04336	C	MUL	3	ARTURO REYES	ED	C 04336 POD1	222A2				4	3	2	17	22S	27E	574312	3584323		2642
C 01464	CUB	IRR	24.3	JOE PRESTON SMEDLEY	ED	C 01464					3	3	27	22S	27E	576750	3580382*		2647	
C 03374	C	DOM	1	MICHAEL W. WOOD	ED	C 03374 POD1			Shallow	4	4	4	08	22S	27E	574898	3585044		2649	
C 00581	CUB	IRR	0	JESSE E. BUCKNER	ED	C 00581				3	1	4	09	22S	27E	575813	3585552*		2650	
C 00805	C	DOM	0	JESSE E. BUCKNER	ED	C 00805				3	1	4	09	22S	27E	575813	3585552*		2650	
C 03243	C	DOL	0	J E BUCKNER	ED	C 03243				3	1	4	09	22S	27E	575813	3585552*		2650	
C 02648	C	DOL	3	DANNETT BROWN	ED	C 02648			Shallow	4	2	29	22S	27E	574724	3581168*		2650		
C 03276	C	PRO	0	DEVON OPERATION	ED	C 02648			Shallow	4	2	29	22S	27E	574724	3581168*		2650		
C 00023	CUB	IRR	156	ALBERT CALVANI	ED	C 00023			Shallow	3	3	3	09	22S	27E	575005	3585137*		2654	
					ED	C 00023 S			Shallow	3	3	3	09	22S	27E	575005	3585137*		2654	
C 00023 A	CUB	IRR	0	JOSEPH E AND MARY LOU WALTERSCHEID REVOCABLE TRUST	ED	C 00023			Shallow	3	3	3	09	22S	27E	575005	3585137*		2654	
C 02631	C	DOM	3	JAIME P MEDRANO	ED	C 02631			Shallow	4	4	2	29	22S	27E	574823	3581067*		2654	
C 01744	C	DOM	3	PAUL WILFERTH	ED	C 01744			Shallow	4	4	28	22S	27E	576345	3580377*		2662		
C 00294	CUB	IRR	837	WALTERSCHEID TRUCKING & FARMS	ED	C 00294 S-2			Shallow	3	3	4	23	22S	27E	579076	3581945*		2688	
C 01493	C	PRO	0	ARD DRILLING COMPANY	ED	C 01493			Shallow	2	3	3	09	22S	27E	575205	3585337*		2706	
C 01768	C	DOL	3	ISA BRYANT	ED	C 01768			Shallow	2	1	20	22S	27E	573902	3583186*		2717		
C 00562	C	STK	0	ENEA GRANDI & SONS	ED	C 00562				4	2	4	27	22S	27E	578063	3580706*		2735	
C 00322	C	DOM	0	R.C. WHITE	ED	C 00322				3	3	2	17	22S	27E	574199	3584313*		2737	
C 00828	C	DOM	0	ELIZABETH SKEEN	ED	C 00828				2	4	3	28	22S	27E	575636	3580466*		2740	
C 00015	CUB	IRR	282.12	SKEEN PARTNERSHIP	ED	C 00015			Shallow	4	4	4	28	22S	27E	576444	3580276*		2755	

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q 6416	q 4	q 4	Sec	Tws	Rng	X	Y	Distance
C 00486	C	DOM		3 PABLE W. CHAVEZ	ED	C 00486				Shallow	4	4	4	28	22S	27E	576444	3580276*	 2755
C 02149	C	DOM		3 ARTURO V. CHAVEZ	ED	C 02149				Shallow	4	4	4	28	22S	27E	576444	3580276*	 2755
C 00104	CUB	IRR		0 C.E. DENHOF	ED	C 00104					4	2	3	17	22S	27E	573997	3583900*	 2759
C 00216	CUB	DAI		11 R. OHNEMUS ESTATE	ED	C 00216					1	2	2	17	22S	27E	574602	3584926*	 2767
C 00663	C	DOM		3 FELIPE REYNA	ED	C 00663				Shallow				17	22S	27E	574098	3584187*	 2771
C 01965	C	DOM		0 PAUL J STONE	ED	C 01965					4	3		17	22S	27E	573900	3583593*	 2773
C 00163	C	DOM		3 JESSE JANWAY	ED	C 00163				Shallow	2	4	3	20	22S	27E	574007	3582067*	 2778
C 00540 A	CUB	IRR		6 MARY M. WALTERSCHEID	ED	C 00540 POD2				Shallow	1	4	1	20	22S	27E	573803	3582878*	 2815
C 01230	C	DOM		3 HENRY H. GRANDI	ED	C 01230					1	3		26	22S	27E	578370	3580813*	 2824
C 00141	C	DOL		3 B. L. CURTIS	ED	C 00141					4	3	3	11	22S	27E	578448	3585178*	 2826
C 00540	CUB	IRR		403.965 BAR W FARMS	ED	C 00541				Shallow	3	4	1	20	22S	27E	573803	3582678*	 2833
C 00540 B	CUB	IRR		6.135 LINDA KAY ATWOOD	ED	C 00541				Shallow	3	4	1	20	22S	27E	573803	3582678*	 2833
C 00541	CUB	IRR		0 MARION ALZUGARY	ED	C 00541				Shallow	3	4	1	20	22S	27E	573803	3582678*	 2833
C 01296	C	DOM		3 C. E. TEAGUE	ED	C 01296					1	3	2	17	22S	27E	574199	3584513*	 2836
C 00078	CUB	IRR		319 HENRY GRANDI	ED	C 00078				Shallow	3	1	3	26	22S	27E	578269	3580712*	 2844
C 04390	C	DOM		1 RONNIE WALTERSCHEID	ED	C 04390 POD1	2235C				1	1	1	34	22S	27E	576741	3580142	 2885
C 01953	C	DOM		3 EUGENE CARLTON	ED	C 01953				Shallow		2	3	17	22S	27E	573898	3584001*	 2886
C 01551	CUB	NOT		0 CROLEY GERALD	ED	C 01551					1	4	3	17	22S	27E	573799	3583692*	 2893
C 01578	CUB	IRR		75 CAVERN CITY CONSTRUCTION	ED	C 01578				Shallow	1	4	3	17	22S	27E	573799	3583692*	 2893
C 01578 A	CUB	IRR		0 BAR-W FARMS	ED	C 01578				Shallow	1	4	3	17	22S	27E	573799	3583692*	 2893
C 03899	CUB	MON		0 PILOT TRAVEL CENTERS	ED	C 03899 POD6			NON		1	4	3	17	22S	27E	573794	3583755	 2912
					ED	C 03899 POD2			NON	Shallow	1	4	3	17	22S	27E	573791	3583751	 2914

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub				County	POD Number	Well		Grant	q q q							X	Y	Distance	
	basin	Use	Diversion	Owner			Tag	Code		Source	6416	4	Sec	Tws	Rng					
					ED	C 03899 POD5			NON	Shallow	1	4	3	17	22S	27E	573786	3583744		2918
C 00412	C	DOM		3 WILLIAM M MEDINA	ED	C 00412				Shallow	4	4	08	22S	27E	574701	3585234*		2921	
C 03899	CUB	MON		0 GEOMECHANICS SOUTHWEST INC	ED	C 03899 POD4			NON	Shallow	1	4	3	17	22S	27E	573782	3583755		2924
					ED	C 03899 POD1			NON	Shallow	1	4	3	17	22S	27E	573779	3583749		2926
C 00239	C	DOM		3 HERBERT MACKEY	ED	C 00239				Shallow	1	2	17	22S	27E	574298	3584822*		2931	
C 02007	C	DOL		0 ANN CLARK	ED	C 02007					2	4	4	08	22S	27E	574800	3585333*		2935
C 02206	C	STK		3 ANN CLARK	ED	C 02206				Shallow	2	4	4	08	22S	27E	574800	3585333*		2935
C 03899	CUB	MON		0 PILOT TRAVEL CENTERS	ED	C 03899 POD3			NON	Shallow	1	4	3	17	22S	27E	573766	3583756		2940
C 00172	CUB	IRR		684.7 JERRY AND NANCY CALVANI REVOCABLE TRUST	ED	C 00172					1	2	4	29	22S	27E	574625	3580861*		2940
C 00229	CUB	IRR		453 DANIEL BAEZA JR	ED	C 00229			NON	Shallow	1	1	1	34	22S	27E	576650	3580074		2951
C 02842	C	DOM		3 LEROY ALBRIGHT	ED	C 00229			NON	Shallow	1	1	1	34	22S	27E	576650	3580074		2951
C 04007	C	PRO		0 WPX ENERGY INC	ED	C 00229			NON	Shallow	1	1	1	34	22S	27E	576650	3580074		2951
C 04008	C	PRO		0 WATER SPUR LLC	ED	C 00229			NON	Shallow	1	1	1	34	22S	27E	576650	3580074		2951
C 04009	C	PRO		0 WATER SPUR LLC	ED	C 00229			NON	Shallow	1	1	1	34	22S	27E	576650	3580074		2951
C 02488	C	DOM		3 TREY HUGHES	ED	C 02488				Shallow	4	4	27	22S	27E	577966	3580401*		2952	
C 00444 AA	CUB	IRR		45 VIRGIE B NESBIT	ED	C 02239				Shallow	3	1	2	17	22S	27E	574197	3584721*		2952
C 02239	CUB	IRR		172.8 MARVIN D. ALBRIGHT	ED	C 02239				Shallow	3	1	2	17	22S	27E	574197	3584721*		2952
C 02239 A	CUB	IRR		15.3 HERBERT W MACKEY	ED	C 02239				Shallow	3	1	2	17	22S	27E	574197	3584721*		2952
C 00022 A	CUB	IRR		0 NORMAN ANDERSON	ED	C 00022 A							09	22S	27E	575709	3585841*		2956	
C 00076 EFF	CUB	NRT		1413.96 CITY OF CARLSBAD	ED	C 00076 EFF				Artesian	3	4	1	10	22S	27E	577027	3585973*		2975
C 03364	C	DOL		3 SHERRY CHASTAIN	ED	C 03364 POD2					4	3	4	27	22S	27E	577765	3580249		3005
					ED	C 03364 POD1			R	Shallow	4	3	4	27	22S	27E	577765	3580245		3009

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub				County	POD Number	Well		Source	q q q					X	Y	Distance		
	basin	Use	Diversion	Owner			Tag	Code Grant		6416	4	Sec	Tws	Rng					
C 01056	C	DOM		3 D. J. REEVES	ED	C 01056			Shallow	2	4	1	17	22S	27E	573994	3584507*		3010
C 01466	C	DOL		0 DANNY MUNOZ	ED	C 01466				1	3	3	26	22S	27E	578270	3580506*		3015
C 01275	CUB	IRR		199.5 W.T. PARKER	ED	C 01275			Shallow	1	2	3	17	22S	27E	573797	3584100*		3015
C 01275 A	CUB	IRR		48.9 LEE PITTARD CO INC	ED	C 01275			Shallow	1	2	3	17	22S	27E	573797	3584100*		3015
C 00130	CUB	IRR		0 ROY MOFFATT	ED	C 00130 POD2				2	1	1	20	22S	27E	573596	3583277*		3029
C 01035	C	DOM		3 CHARLES D TURNBOW	ED	C 01035			Shallow		3		20	22S	27E	573703	3582162*		3037
C 01048	C	DOM		3 J. W. WILLIS	ED	C 01048				3	4	3	20	22S	27E	573807	3581867*		3037
C 03130	C	PRO		0 CHI OPERATING	ED	C 03130			Shallow	4	2	1	29	22S	27E	574010	3581461*		3038
C 00653	C	DOM		3 WARREN WEEMS	ED	C 00653			Shallow	1	1	2	34	22S	27E	577462	3580087*		3058
C 00239	C	DOM		3 HERBERT MACKEY	ED	C 00239 POD2			Shallow	1	1	2	17	22S	27E	574197	3584921*		3071
C 00813	C	DOM		3 HERBERT MACKEY	ED	C 00239 POD2			Shallow	1	1	2	17	22S	27E	574197	3584921*		3071
C 04291		MON		0 WOOD E&IS	ED	C 04291 POD10	NA			2	3	3	17	22S	27E	573623	3583750		3077
					ED	C 04291 POD9				2	3	3	17	22S	27E	573623	3583750		3077
C 04358	CUB	INJ		0 HOLT SERVICES INC	ED	C 04358 POD15	NA			2	3	3	17	22S	27E	573607	3583730		3088
					ED	C 04358 POD16				2	3	3	17	22S	27E	573607	3583730		3088
C 00153	C	DOM		0 GRACE E. HELM	ED	C 00153			Shallow	3	4	1	17	22S	27E	573794	3584307*		3097
C 03008	C	DOM		0 SABINA CARDONA	ED	C 03008				3	4	1	17	22S	27E	573794	3584307*		3097
C 04286	CUB	MON		0 WOOD E&IS	ED	C 04286 POD7	NA			2	3	3	17	22S	27E	573596	3583734		3100
					ED	C 04286 POD6				2	3	3	17	22S	27E	573581	3583685		3104
C 04291		MON		0 WOOD E&IS	ED	C 04291 POD7	NA			2	3	3	17	22S	27E	573560	3583651		3117
					ED	C 04291 POD8				2	3	3	17	22S	27E	573559	3583653		3118
C 04286	CUB	MON		0 WOOD E&IS	ED	C 04286 POD5	NA			1	3	3	17	22S	27E	573552	3583651		3124

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub				County	POD Number	Well		Source	q q q					X	Y	Distance	
	basin	Use	Diversion	Owner			Tag	Code Grant		6416	4	Sec	Tws	Rng				
C 04358	CUB	INJ		0 HOLT SERVICES INC	ED	C 04358 POD12	NA			2	3	3	17	22S	27E	573561	3583697 	3126
C 04286	CUB	MON		0 WOOD E&IS	ED	C 04286 POD8	NA			2	3	3	17	22S	27E	573574	3583772 	3130
C 04358	CUB	INJ		0 HOLT SERVICES INC	ED	C 04358 POD10	NA			2	3	3	17	22S	27E	573563	3583735 	3132
C 04291		MON		0 WOOD E&IS	ED	C 04291 POD2	NA			2	3	3	17	22S	27E	573574	3583784 	3133
					ED	C 04291 POD1				2	3	3	17	22S	27E	573574	3583784 	3133
C 04358	CUB	INJ		0 HOLT SERVICES INC	ED	C 04358 POD14	NA			2	3	3	17	22S	27E	573561	3583744 	3136
C 00436	C	DOM		3 WILLIAM HARRISON	ED	C 00436			Shallow	3	3	26	22S	27E		578371	3580407* 	3153
C 04358	CUB	INJ		0 HOLT SERVICES INC	ED	C 04358 POD9	NA			2	3	3	17	22S	27E	573539	3583735 	3155
C 04286	CUB	MON		0 WOOD E&IS	ED	C 04286 POD4	NA			2	3	3	17	22S	27E	573524	3583687 	3160
C 04358	CUB	INJ		0 HOLT SERVICES INC	ED	C 04358 POD7	NA			2	3	3	17	22S	27E	573541	3583772 	3161
C 00074	CUB	IRR	26.7	WALTERSCHEID TRUCKING & FARMS INC	ED	C 00074			Shallow	2	3	3	20	22S	27E	573601	3582060* 	3164
C 00628	C	DOM		3 DWAYNE SMITH	ED	C 00628			Shallow	2	3	3	20	22S	27E	573601	3582060* 	3164
C 04358	CUB	INJ		0 HOLT SERVICES INC	ED	C 04358 POD11	NA			2	3	3	17	22S	27E	573534	3583755 	3165
					ED	C 04358 POD5				4	1	3	17	22S	27E	573536	3583799 	3174
					ED	C 04358 POD8				2	3	3	17	22S	27E	573515	3583721 	3176
C 04286	CUB	MON		0 WOOD E&IS	ED	C 04286 POD9	NA			4	1	3	17	22S	27E	573538	3583825 	3178
C 04291		MON		0 WOOD E&IS	ED	C 04291 POD5	NA			1	3	3	17	22S	27E	573503	3583690 	3181
					ED	C 04291 POD6				2	3	3	17	22S	27E	573503	3583690 	3181
C 00825	CUB	IRR	261	HENRY GRANDI	ED	C 00825			Shallow	3	3	3	26	22S	27E	578270	3580306* 	3184
C 03553	C	DOL		3 BRANDON RAY STORMENT	ED	C 03553 POD1			Shallow	4	2	2	33	22S	27E	576554	3579841 	3184
C 04358	CUB	INJ		0 HOLT SERVICES INC	ED	C 04358 POD6	NA									573512	3583756 	3187
C 04286	CUB	MON		0 WOOD E&IS	ED	C 04286 POD3	NA			2	3	3	17	22S	27E	573502	3583713 	3187

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q 6416	q 4	q Sec	Tws	Rng	X	Y	Distance	
C 03688	CUB	EXP		0 AMEC E&I	ED	C 03688 POD1				Shallow	4	1	1	20	22S	27E	573568	3583978 	3191
C 04358	CUB	INJ		0 HOLT SERVICES INC	ED	C 04358 POD3	NA				3	1	3	17	22S	27E	573522	3583820 	3192
C 04286	CUB	MON		0 WOOD E&IS	ED	C 04286 POD10	NA				4	1	3	17	22S	27E	573523	3583850 	3199
C 04358	CUB	INJ		0 HOLT SERVICES INC	ED	C 04358 POD1	NA				4	1	3	17	22S	27E	573507	3583791 	3199
					ED	C 04358 POD2					4	1	3	17	22S	27E	573507	3583791 	3199
					ED	C 04358 POD4											573507	3583791 	3199
C 00360 A	CUB	IRR		15 EVELYN RUBY SINGLETON JOPLIN	ED	C 00360 A				Shallow	3	3	4	08	22S	27E	574195	3585129* 	3205
C 04286	CUB	MON		0 WOOD E&IS	ED	C 04286 POD2	NA				4	1	3	17	22S	27E	573500	3583806 	3210
C 00542	CUB	IRR		81.55 TOM W. NEAL	ED	C 00542				Shallow	3	1	1	20	22S	27E	573396	3583077* 	3219
C 00542 A	CUB	IRR		0 MARION ALZUGARY	ED	C 00542				Shallow	3	1	1	20	22S	27E	573396	3583077* 	3219
C 00147	C	DOM		3 MRS. GRAYSON BELL	ED	C 00147				Shallow	1	3	1	20	22S	27E	573398	3582872* 	3220
C 00282	CUB	IRR		39.3 SCOTT AND VALERIE BRANSON	ED	C 00282				Shallow	3	2	2	26	22S	27E	579482	3581546* 	3226
C 00282 A	CUB	IRR		87.9 GEMMA FERGUSON	ED	C 00282				Shallow	3	2	2	26	22S	27E	579482	3581546* 	3226
C 00066	CUB	IRR		30 E C WALTERSCHEID	ED	C 00066					1	1	1	20	22S	27E	573396	3583277* 	3228
C 00067	CUB	PDM		3 E C WALTERSCHEID	ED	C 00067					1	1	1	20	22S	27E	573396	3583277* 	3228
C 00667	C	DOM		0 MINNIE HOWE	ED	C 00667					4	3	3	20	22S	27E	573601	3581860* 	3231
C 00733	C	DOM		3 J.E. WOODROW	ED	C 00733				Shallow	4	3	3	20	22S	27E	573601	3581860* 	3231
C 01383	C	DOM		3 CARL A RULE	ED	C 01383				Shallow	4	3	3	20	22S	27E	573601	3581860* 	3231
C 00172	CUB	IRR		684.7 JERRY AND NANCY CALVANI REVOCABLE TRUST	ED	C 00172 S4				Shallow	1	1	4	29	22S	27E	574220	3580855* 	3232
C 00148	C	DOM		3 TOM LOVING	ED	C 00148				Shallow	2	2	1	17	22S	27E	573992	3584916* 	3232
C 00640	C	DOM		3 JESSIE MAY WILLIS	ED	C 00640				Shallow	2	2	1	17	22S	27E	573992	3584916* 	3232
C 04318	C	SAN		1 DAVID CANTU	ED	C 04318 POD1	22265			Shallow	1	3	1	24	22S	27E	579847	3582984 	3233

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub				County	POD Number	Well		Source	q q q					X	Y	Distance		
	basin	Use	Diversion	Owner			Tag	Code Grant		6416	4	Sec	Tws	Rng					
C 04286	CUB	MON	0	WOOD E&IS	ED	C 04286 POD1	NA			3	1	3	17	22S	27E	573489	3583859		3234
C 00278	C	DOM	0	O.A. MCDANIEL	ED	C 00278				3	3	1	20	22S	27E	573398	3582672*		3236
C 04291		MON	0	WOOD E&IS	ED	C 04291 POD3	NA			3	1	3	17	22S	27E	573469	3583855		3252
					ED	C 04291 POD4				3	1	3	17	22S	27E	573469	3583855		3252
C 02978	C	DOM	0	JOHN ELLYSON	ED	C 02978				2	1	1	33	22S	27E	575325	3580036		3255
C 04308	CUB	EXP	0	BILL SIBLEY	ED	C 04308 POD1	NA			1	4	2	14	22S	27E	579516	3584530		3268
C 00455	C	DOM	3	FIRST BAPTIST CHURCH OF OTIS	ED	C 00455			Shallow	2	2	2	34	22S	27E	578066	3580093*		3272
C 00981	C	DOM	3	LAURIE MECKLE	ED	C 00981			Shallow	2	2	2	34	22S	27E	578066	3580093*		3272
C 02458	CUB	IRR	6.9	EDDY COUNTY	ED	C 02458				2	2	2	34	22S	27E	578066	3580093*		3272
C 00279	C	DOM	3	OSCAR T. ROBERTS	ED	C 00279			Shallow	2	2	26	22S	27E	579583	3581647*		3273	
C 02587	C	DOM	3	GEMMA FERGUSON WELLS	ED	C 02587		R	Shallow	2	2	26	22S	27E	579630	3581720		3286	
					ED	C 02587 POD2				2	2	2	26	22S	27E	579630	3581720		3286
C 00526	C	SAN	3	PENNSYLVANIA DRILLING CO.	ED	C 00526			Shallow	3	2	1	17	22S	27E	573792	3584716*		3289
C 00172	CUB	IRR	684.7	JERRY AND NANCY CALVANI REVOCABLE TRUST	ED	C 00172 S				4	4	4	29	22S	27E	574828	3580255*		3297
C 03195	C	DOM	3	MARTIN BOJORQUEZ	ED	C 00173				4	4	4	29	22S	27E	574828	3580255*		3297
C 00540	CUB	IRR	403.965	BAR W FARMS	ED	C 00540			Shallow	3	1	3	20	22S	27E	573399	3582266*		3304
C 00540 B	CUB	IRR	6.135	MICHAEL LANE ATWOOD	ED	C 00540			Shallow	3	1	3	20	22S	27E	573399	3582266*		3304
C 03691	CUB	EXP	0	AMEC E&I	ED	C 03691 POD1			Shallow	3	3	3	17	22S	27E	573339	3583490		3308
C 03514	C	DOM	1	BARBARA BALLA	ED	C 03514 POD1			Shallow	1	3	1	24	22S	27E	579923	3583010		3308
C 03505	C	DOM	0	AMANDA PORTER	ED	C 03505 POD1				3	2	2	26	22S	27E	579548	3581491		3310
C 01180	C	DOM	3	TILLMAN TAYLOR	ED	C 01180				2	2	34	22S	27E	577967	3579994*		3320	
C 03673	CUB	MON	0	AMEC E & I	ED	C 03673 POD2			Shallow	3	4	3	17	22S	27E	573361	3583724		3327

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub					County	POD Number	Well		q q q							X	Y	Distance	
	basin	Use	Diversion	Owner	Tag			Code	Grant	Source	6416	4	Sec	Tws	Rng					
C 02951	C	PRO		0 MEWBORNE OIL COMPANY	ED	C 02951				Shallow	4	4	2	14	22S	27E	579670	3584383*		3343
C 03068	C	DOM		3 DON TITUS	ED	C 03068				Shallow	1	3	3	20	22S	27E	573401	3582060*		3355
C 03435	C	DOM		1 MOISES T. ROMERO	ED	C 03435 POD1					2	1	1	33	22S	27E	575184	3579989		3356
C 00360	CUB	IRR		67.5 RUSSELL Y. SADLER	ED	C 00360				Shallow	4	4	3	08	22S	27E	573990	3585125*		3360
C 00360 B	CUB	IRR		35.7 MILLER STANLEY L	ED	C 00360				Shallow	4	4	3	08	22S	27E	573990	3585125*		3360
C 00360 BA	CUB	IRR		16.8 JAMES C. & KAREN MELVIN	ED	C 00360				Shallow	4	4	3	08	22S	27E	573990	3585125*		3360
C 00360 BB	CUB	IRR		30 JOHN E. AND LYNNE LEWIS	ED	C 00360				Shallow	4	4	3	08	22S	27E	573990	3585125*		3360
C 03170	C	DOL		0 RUSSELL SADLER	ED	C 03170					4	4	3	08	22S	27E	573990	3585125*		3360
C 03180	C	DOL		0 RUSSELL SADLER	ED	C 00360				Shallow	4	4	3	08	22S	27E	573990	3585125*		3360
C 00531	CUB	IRR		390 TROY & RUTH C. CAVINESS	ED	C 00531				Shallow	1	1	1	35	22S	27E	578271	3580099*		3363
C 00531 B	CUB	IRR		15 RODNEY OR CARLA GALLOWAY	ED	C 00531				Shallow	1	1	1	35	22S	27E	578271	3580099*		3363
C 02207	C	DOL		0 BOB A. KENISON	ED	C 02207					1	1	1	33	22S	27E	575034	3580055*		3365
C 02996	C	DOL		3 ROBERT KIM GRAHAM	ED	C 02996				Shallow	1	1	1	33	22S	27E	575034	3580055*		3365
C 01078	CUB	IRR		120 WILLIAM A. & BETTY WEEMS	ED	C 01078				Shallow	2	4	2	33	22S	27E	576449	3579663*		3367
C 01078 A	CUB	IRR		48 CHARLES W. RAILSBACK	ED	C 01078				Shallow	2	4	2	33	22S	27E	576449	3579663*		3367
C 01078 AA	CUB	IRR		15 ANGELA M VASQUEZ	ED	C 01078				Shallow	2	4	2	33	22S	27E	576449	3579663*		3367
C 01078 AB	CUB	IRR		12 RONALD MACALUSO	ED	C 01078				Shallow	2	4	2	33	22S	27E	576449	3579663*		3367
C 00172	CUB	IRR		684.7 JERRY AND NANCY CALVANI REVOCABLE TRUST	ED	C 00172 S2				Shallow	3	1	4	29	22S	27E	574220	3580655*		3369
					ED	C 00172 S3					3	1	4	29	22S	27E	574220	3580655*		3369
C 01864	C	DOL		0 REX KENNEDY	ED	C 01864					3	1	24	22S	27E	579984	3582869*		3373	
C 00611	CUB	PDM		3 CECIL THOMPSON	LE	C 00611				Shallow	1	1	3	17	22S	27E	573392	3584092*		3394
C 00559	C	STK		0 L. T. LEWIS	ED	C 00559					3	4	4	29	22S	27E	574628	3580255*		3409

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub					County	POD Number	Well		Source	q q q					X	Y	Distance		
	basin	Use	Diversion	Owner	Tag			Code	Grant		6416	4	Sec	Tws	Rng					
C 01246	CUB	IRR	20.97	ADAM MCDONALD	ED	C 01246				Shallow	3	3	3	20	22S	27E	573401	3581860*		3418
C 01246 A	CUB	IRR	59.805	C & W FARMS	ED	C 01246				Shallow	3	3	3	20	22S	27E	573401	3581860*		3418
C 01246 AF	CUB	IRR	131.991	WALTERSCHEID TRUCKING & FARMS	ED	C 01246				Shallow	3	3	3	20	22S	27E	573401	3581860*		3418
C 01246 AJ	CUB	IRR	0	OTIS WATER USERS COOPERATIVE	ED	C 01246				Shallow	3	3	3	20	22S	27E	573401	3581860*		3418
C 01246 AJA	CUB	IRR	33	GREGORY ROCKHOUSE RANCH	ED	C 01246				Shallow	3	3	3	20	22S	27E	573401	3581860*		3418
C 01246 AJAA	CUB	IRR	6	WILLIAM D. AND JANICE P. GARWOOD	ED	C 01246				Shallow	3	3	3	20	22S	27E	573401	3581860*		3418
C 01246 AK	CUB	IRR	108.96	OFFUTT RUTH	ED	C 01246				Shallow	3	3	3	20	22S	27E	573401	3581860*		3418
C 01246 AKA	CUB	IRR	157.35	WILLIAM W. & LYNETTE WALKER	ED	C 01246				Shallow	3	3	3	20	22S	27E	573401	3581860*		3418
C 01246 AKB	CUB	IRR	161.19	STEVE M.& GWENDOLYN WALKER	ED	C 01246				Shallow	3	3	3	20	22S	27E	573401	3581860*		3418
C 01246 B	CUB	IRR	6.03	JOHN GENTRY	ED	C 01246				Shallow	3	3	3	20	22S	27E	573401	3581860*		3418
C 01246 AB	CUB	IRR	8.01	GOTCH CLIFFORD & DWIGHT	ED	C 01246 X-3				Shallow	3	4	1	29	22S	27E	573812	3581054*		3426
C 01246 ABA	CUB	IRR	3.99	E.LEROY & ROBIN L. BOSTIC	ED	C 01246 X-3				Shallow	3	4	1	29	22S	27E	573812	3581054*		3426
C 01246 ABB	CUB	IRR	3	ERIC & PRUDENCE A. AMSTUTZ	ED	C 01246 X-3				Shallow	3	4	1	29	22S	27E	573812	3581054*		3426
C 01246 AE	CUB	IRR	23.4	ABLE A & MERCEDES R MONTROY	ED	C 01246 X-3				Shallow	3	4	1	29	22S	27E	573812	3581054*		3426
C 01246 AG	CUB	IRR	7.5	MARTINEZ JULIAN B OR MARY ANN	ED	C 01246 X-3				Shallow	3	4	1	29	22S	27E	573812	3581054*		3426
C 01246 AH	CUB	IRR	7.65	NAVARRETT RAUL JR	ED	C 01246 X-3				Shallow	3	4	1	29	22S	27E	573812	3581054*		3426
C 01246 AI	CUB	IRR	15	MUNOZ RODOLFO A	ED	C 01246 X-3				Shallow	3	4	1	29	22S	27E	573812	3581054*		3426
C 01246 AJ	CUB	IRR	0	OTIS WATER USERS COOPERATIVE	ED	C 01246 X-3				Shallow	3	4	1	29	22S	27E	573812	3581054*		3426
C 01246 AL	CUB	IRR	18	WOODS & CINDY HOUGHTON	ED	C 01246 X-3				Shallow	3	4	1	29	22S	27E	573812	3581054*		3426
C 01246 AM	CUB	IRR	10.53	HERNANDEZ ANTONIO G	ED	C 01246 X-3				Shallow	3	4	1	29	22S	27E	573812	3581054*		3426
C 01246 AN	CUB	IRR	11.4	JAMES P.& PEGGY MEDRANO	ED	C 01246 X-3				Shallow	3	4	1	29	22S	27E	573812	3581054*		3426
C 01246 AP	CUB	IRR	10.503	ESTATE OF KAREN LOU FRANCO	ED	C 01246 X-3				Shallow	3	4	1	29	22S	27E	573812	3581054*		3426

*UTM location was derived from PLSS - see Help

(R=POD has been replaced

and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)

C=the file is closed)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q 6416	q 4	q Sec	Tws	Rng	X	Y	Distance	
C 00971	C	DOM		3 JOHN SEARS	ED	C 00971				Shallow	3	3	13	22S	27E	579981	3583679*	 3429	
C 00030	CUB	IRR	667.5	WILLIAM A & BETTY WEEMS	ED	C 00030 S				Shallow	1	3	2	34	22S	27E	577465	3579680*	 3452
C 00880	C	DOM		3 JOHN L WALTERSCHILD	ED	C 00880				Shallow	4	2	2	34	22S	27E	578066	3579893*	 3452
C 03085	C	DOM		3 BARRY BROWN	ED	C 03085				Shallow	2	2	2	32	22S	27E	574830	3580049*	 3471
C 02392	C	DOM		3 JEANNA R DOUBRAVA	ED	C 02392				Shallow		4	2	33	22S	27E	576350	3579564*	 3472
C 00037	C	DOM		3 ALTON T LEWIS	ED	C 00037				Shallow	2	4	4	18	22S	27E	573191	3583678*	 3485
C 03084	C	DOL		3 MANUEL P CHAVEZ SR.	ED	C 03084				Shallow	3	1	4	08	22S	27E	574192	3585532*	 3485
C 02885	C	DOM		3 JAMES D MELVIN	ED	C 02885				Shallow	2	4	3	08	22S	27E	573990	3585325*	 3489
C 01345	C	DOL		3 ERVIN GALLOWAY	ED	C 01345						4	3	08	22S	27E	573891	3585226*	 3501
C 02667	C	DOM		3 ERNESTO RIOS	ED	C 02667				Shallow	1	3	4	29	22S	27E	574223	3580448*	 3516
C 04309	C	DOM		1 RON STEVEN	ED	C 04309	22208			Shallow	3	2	2	32	22S	27E	574960	3579920	 3519
C 00040	C	DOM		3 LIZZIE CRABB	ED	C 00040						2	2	19	22S	27E	573093	3583175*	 3524
C 00042	C	DOM		3 C C RUSSELL	ED	C 00042						2	2	19	22S	27E	573093	3583175*	 3524
C 01677	C	PRO		3 PATRICK F EDEAL JR	ED	C 01677				Shallow	1	3	13	22S	27E	579979	3584084*	 3526	
C 03126	C	PRO		0 MEWBOURNE OIL	ED	C 01677				Shallow	1	3	13	22S	27E	579979	3584084*	 3526	
C 03187	C	PRO		0 DEVON OPERATING	ED	C 01677				Shallow	1	3	13	22S	27E	579979	3584084*	 3526	
C 03203	C	PRO		0 DEVON OPERATING	ED	C 01677				Shallow	1	3	13	22S	27E	579979	3584084*	 3526	
C 03241	C	PRO		0 DEVON ENERGY	ED	C 01677				Shallow	1	3	13	22S	27E	579979	3584084*	 3526	
C 00621	CUB	IRR		3 W.D. BRINNINSTOOL	ED	C 00621				Shallow	4	2	19	22S	27E	573094	3582771*	 3529	
C 00621 A	CUB	IRR	45	OTIS WATER USERS CO-OP	ED	C 00621				Shallow	4	2	19	22S	27E	573094	3582771*	 3529	
C 00621 B	CUB	IRR	9	OTIS WATER USERS CO-OP	ED	C 00621				Shallow	4	2	19	22S	27E	573094	3582771*	 3529	
C 00912	C	SAN		3 BULLOK CORYPENN GAS STATION	ED	C 00621				Shallow	4	2	19	22S	27E	573094	3582771*	 3529	

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub					County	POD Number	Well		Source	q q q					X	Y	Distance		
	basin	Use	Diversion	Owner	Tag			Code	Grant		6416	4	Sec	Tws	Rng					
C 00410	CUB	IRR	120	BRANTLEY BROTHERS	ED	C 00410				Shallow	4	4	3	26	22S	27E	578875	3580313*		3531
C 03024	C	DOL	0	JOHN HAYS	ED	C 03024					2	3	4	11	22S	27E	579260	3585388*		3546
C 00145	C	DOM	3	EMMA BREASHEARS	ED	C 00145					1	3	1	17	22S	27E	573390	3584502*		3546
C 00597	C	DOM	3	ANNETTE STANDLEY	ED	C 00597				Shallow	1	2	3	29	22S	27E	573815	3580848*		3547
C 01181	C	DOM	3	MARION JENKINS	ED	C 01181					4	4	18	22S	27E	573092	3583579*		3565	
C 01246	CUB	IRR	20.97	ADAM MCDONALD	ED	C 01246 X				Shallow	3	1	1	29	22S	27E	573404	3581454*		3574
C 01246 A	CUB	IRR	59.805	COLEMAN J R & WALKER CHESTER	ED	C 01246 X				Shallow	3	1	1	29	22S	27E	573404	3581454*		3574
C 01246 AF	CUB	IRR	131.991	WALTERSCHEID TRUCKING & FARMS	ED	C 01246 X				Shallow	3	1	1	29	22S	27E	573404	3581454*		3574
C 01246 AJ	CUB	IRR	0	OTIS WATER USERS COOPERATIVE	ED	C 01246 X				Shallow	3	1	1	29	22S	27E	573404	3581454*		3574
C 01246 AJA	CUB	IRR	33	GREGORY ROCKHOUSE RANCH	ED	C 01246 X				Shallow	3	1	1	29	22S	27E	573404	3581454*		3574
C 01246 AJAA	CUB	IRR	6	WILLIAM D. AND JANICE P. GARWOOD	ED	C 01246 X				Shallow	3	1	1	29	22S	27E	573404	3581454*		3574
C 01246 AK	CUB	IRR	108.96	OFFUTT RUTH	ED	C 01246 X				Shallow	3	1	1	29	22S	27E	573404	3581454*		3574
C 01246 AKA	CUB	IRR	157.35	WILLIAM W. & LYNETTE WALKER	ED	C 01246 X				Shallow	3	1	1	29	22S	27E	573404	3581454*		3574
C 01246 AKB	CUB	IRR	161.19	STEVE M.& GWENDOLYN WALKER	ED	C 01246 X				Shallow	3	1	1	29	22S	27E	573404	3581454*		3574
C 01246 AKBA	CUB	IRR	1.5	DAVID T. AND LINDA L. TAYLOR	ED	C 01246 X				Shallow	3	1	1	29	22S	27E	573404	3581454*		3574
C 01246 B	CUB	IRR	6.03	JOHN GENTRY	ED	C 01246 X				Shallow	3	1	1	29	22S	27E	573404	3581454*		3574
C 02644	C	DOL	0	STEVE M WALKER	ED	C 02644					3	1	1	29	22S	27E	573404	3581454*		3574
C 02502	C	DOL	3	AL CASTANEDA	ED	C 02502				Shallow	2	2	32	22S	27E	574731	3579950*		3607	
C 00215	CUB	IRR	95.1	RAFAEL MEDRANO, JR.	ED	C 00215				Shallow	4	3	2	33	22S	27E	576044	3579458*		3613
C 04145	C	DOM	1	RUDY MARTINEZ	ED	C 04145 POD1	2061C			Shallow	4	2	3	08	22S	27E	574047	3585604		3637
C 02499	C	STK	3	SCOTT A BRANSON	ED	C 02499				Shallow	1	1	25	22S	27E	579989	3581653*		3643	
C 03738	C	STK	3	AMBER HUGHES	ED	C 03738 POD1				Shallow	1	1	3	34	22S	27E	576785	3579382		3647

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub					County	POD Number	Well		q q q							X	Y	Distance	
	basin	Use	Diversion	Owner	Tag			Code Grant	Source	6416	4	Sec	Tws	Rng						
C 00191	CUB	IRR		315 MARTHA W. SKEEN	ED	C 00191				Shallow	3	3	2	33	22S	27E	575844	3579458*		3650
C 01590	C	DOL		3 MARY E CHISM	ED	C 01590				Shallow	3	1	13	22S	27E	579977	3584489*		3666	
C 00091	CUB	IRR		90 J H BRYAN	ED	C 00091					4	3	3	08	22S	27E	573585	3585121*		3683
C 03183	C	PRO		0 MEWBOURNE OIL	ED	C 03183				Shallow	4	3	3	08	22S	27E	573585	3585121*		3683
C 03006	C	DOM		0 GLENN PORTER	ED	C 03006					4	3	2	34	22S	27E	577665	3579480*		3698
C 02590	C	DOM		3 GEORGIA LEE JOHNSON	ED	C 02590				Shallow	2	1	2	32	22S	27E	574425	3580043*		3700
					ED	C 02590 POD2				Shallow	2	1	2	32	22S	27E	574425	3580043*		3700
C 00191	CUB	IRR		315 MARTHA W. SKEEN	ED	C 00191 S					4	4	1	33	22S	27E	575640	3579454*		3702
C 00836	C	DOM		3 WILLIAM T. WELDY	ED	C 00836				Shallow	3	1	1	13	22S	27E	579874	3584794*		3707
C 01722	C	DOM		3 DEWEY CONNELL	ED	C 01722				Shallow	3	1	1	13	22S	27E	579874	3584794*		3707
C 00193	CUB	IRR		3.048 COUNTRY ACRES, INC.	ED	C 00193				Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
					ED	C 00193 S					1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 A	CUB	IRR		18 H.G. PEVELER	ED	C 00193				Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 B	CUB	IRR		0 ROY THOMASON	ED	C 00193				Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 COMB	CUB	IRR		39.258 COUNTRY ACRES INC.	ED	C 00193				Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 COMBB	CUB	IRR		15 OTIS WATER USERS COOPERATIVE	ED	C 00193				Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 COMBC	CUB	IRR		3 ORLANDO & OLIVIA G. FLOREZ	ED	C 00193				Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 COMBD	CUB	IRR		3 COUNTRY ACRES, INC.	ED	C 00193				Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 COMBE	CUB	IRR		3 PHILLIP L. & CELESTE K. STONE	ED	C 00193				Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 COMBF	CUB	IRR		3 CHARLES T. & CHARLENE M. MOOTS	ED	C 00193				Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 COMBG	CUB	IRR		3 ROY & RITA BROOKS	ED	C 00193				Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 COMBH	CUB	IRR		47.37 ROBERT & BETTY RUSSELL	ED	C 00193				Shallow	1	3	1	33	22S	27E	575035	3579649*		3728

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub			Owner	County	POD Number	Well		q q q							X	Y	Distance	
	basin	Use	Diversion				Tag	Code	Grant	Source	6416	4	Sec	Tws	Rng				
C 00193 COMBI	CUB	IRR	46.92	CHARLES E. & NANCY ELLEN VAN ZANT REVOCABLE TRUST UTA	ED	C 00193			Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 COMBJ	CUB	IRR	40.5	PATRICK L. & FAYE WILSON	ED	C 00193			Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 COMBK	CUB	IRR	7.356	MICHAEL LYNN ROGERS	ED	C 00193			Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00193 COMDK	CUB	IRR	7.356	MICHAEL LYNN & ANNA COLLE ROGERS	ED	C 00193			Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00343 AA	CUB	MDW	36.21	OTIS WATER USER'S CO- OPERATIVE	ED	C 00193			Shallow	1	3	1	33	22S	27E	575035	3579649*		3728
C 00356	C	DOM	3	CID	ED	C 00356			Shallow				34	22S	27E	577363	3579359*		3742
C 00105	CUB	IRR	0	FRANCIS G. TRACY	ED	C 00105			Shallow	4	4	4	04	22S	27E	576412	3586774*		3753
C 03201	C	DOL	0	SHIRLEY MILLER	ED	C 03201				3	4	2	34	22S	27E	577868	3579486*		3755
C 03212	C	DOL	0	MIKE W SUGGS	ED	C 03212				1	1	3	34	22S	27E	576657	3579261*		3765
C 02598	C	DOM	0	ERNESTO C RIOS	ED	C 02598				3	3	1	29	22S	27E	573407	3581048*		3768
C 02063	C	DOL	3	EDWARD MASHAW	ED	C 02063			Shallow				08	22S	27E	574089	3585825*		3769
C 02536	C	DOM	3	SCOTT A BRANSON	ED	C 02536			Shallow	4	1	1	25	22S	27E	580088	3581552*		3773
C 03025	C	DOL	0	JASON MALEY	ED	C 03025				1	2	4	18	22S	27E	572988	3584088*		3778
C 01114	C	DOM	3	GEORGE RAYMOND	ED	C 01114						3	08	22S	27E	573687	3585423*		3783
C 00030	CUB	IRR	667.5	WILLIAM A & BETTY WEEMS	ED	C 00030			Shallow	1	2	3	34	22S	27E	577062	3579267*		3785
C 02230	C	DOM	3	LYDIA YOUNG	ED	C 02230			Shallow				33	22S	27E	575742	3579340*		3787
C 02233	C	DOM	0	OSCAR E. EMISON	ED	C 02233							33	22S	27E	575742	3579340*		3787
C 02449	C	DOM	3	RALPH MAXWELL	ED	C 02449			Shallow				33	22S	27E	575742	3579340*		3787
C 03086	C	DOL	3	JULIO MARTINEZ	ED	C 03086			Shallow	2	3	3	08	22S	27E	573585	3585321*		3800
C 00430	CUB	IRR	23.4	F & W FARMS	ED	C 00430			Shallow	1	1	2	32	22S	27E	574225	3580043*		3822
C 00430 A	CUB	IRR	1.5	PAT D. CHUMLEY	ED	C 00430			Shallow	1	1	2	32	22S	27E	574225	3580043*		3822

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub						Well			q q q							X	Y	Distance		
	basin	Use	Diversion	Owner	County	POD Number	Tag	Code	Grant	Source	6416	4	Sec	Tws	Rng						
C 00430 B	CUB	IRR	1.5	ROY A & ANITA BETH TORRES	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 C	CUB	IRR	1.5	MITCHELL L & DONNA L CARTER	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 D	CUB	IRR	1.5	PETRICK M & DONANN B HEDDERMAN	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 E	CUB	IRR	1.5	RAY & ANGELITA PARRAZ	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 F	CUB	IRR	1.5	ROBERT M &ROSIE C GOMEZ	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 G	CUB	IRR	1.5	RUBIN S ESQUIBEL	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 H	CUB	IRR	1.5	LOUIS G & SHELLY M ESCOBEDO	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 H-A	CUB	IRR	1.5	WAYNE T & JOHNIE BRADFORD	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 I	CUB	IRR	1.5	JIMMY P & KAREN P GENTRY	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 J	CUB	IRR	0.75	PAUL D & KIMBERLY ORR	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 K	CUB	IRR	1.5	DONALD R & BETTY K SUGGS	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 L	CUB	IRR	1.5	FRANK A & MARY E HAYS	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 M	CUB	IRR	18	BOBBY W & ANGELA PORTER	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 N	CUB	IRR	1.5	RALPH & ANITA CASTANEDA	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 O	CUB	IRR	1.5	ERNEST VALDEZ	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 00430 P	CUB	IRR	4.5	ROGELIO V. OR PATSY G. YBARRA	ED	C 00430				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 03028	C	DOL	3	TRENT KIRKEO	ED	C 03028				Shallow	1	1	2	32	22S	27E	574225	3580043*		3822	
C 02091	C	DOM	0	HOWARD LINDER	ED	C 02091						3	3	08	22S	27E	573486	3585222*		3822	
C 03073	C	DOM	3	JACQUALINE D NICHOLS	ED	C 03073				Shallow	4	4	2	34	22S	27E	578068	3579486*		3826	
C 03074	C	DOL	3	GEORGE BARTA	ED	C 03074				Shallow	4	3	1	33	22S	27E	575235	3579449*		3833	
C 01554	C	DOM	3	H T LINDER	ED	C 01554						3	3	3	08	22S	27E	573385	3585121*		3849
C 00062	CUB	IRR	24.3	HOWARD HEMLER FARMS INC	ED	C 00062				Shallow	1	3	29	22S	27E	573511	3580743*		3852		

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub					County	POD Number	Well		q q q						X	Y	Distance		
	basin	Use	Diversion	Owner	Tag			Code	Grant	Source	6416	4	Sec	Tws	Rng					
C 00062 A	CUB	IRR	649.32	J&J FARMS	ED	C 00062				Shallow	1	3	29	22S	27E	573511	3580743*		3852	
C 00210	CUB	IRR	354	WILLIAM JAMES & SYBIL I. WALTERSCHEID	ED	C 01312				Shallow	3	1	35	22S	27E	578373	3579593*		3857	
C 00586	CUB	IRR	0	WALTERSCHEID ALFRED J.	ED	C 01312				Shallow	3	1	35	22S	27E	578373	3579593*		3857	
C 01312	CUB	IRR	334.8	WILLIAM JAMES & SYBIL I. WALTERSCHEID	ED	C 01312				Shallow	3	1	35	22S	27E	578373	3579593*		3857	
C 01312 A	CUB	IRR	141	TIMOTHY JOHN WALTERSCHEID	ED	C 01312				Shallow	3	1	35	22S	27E	578373	3579593*		3857	
C 01312 B	CUB	IRR	354	A.J. WALTERSCHEID	ED	C 01312				Shallow	3	1	35	22S	27E	578373	3579593*		3857	
C 00193	CUB	IRR	3.048	COUNTRY ACRES, INC.	ED	C 00193 COMB-S-2						2	32	22S	27E	574529	3579739*		3892	
C 04369	C	DOL	3	FRANCISCO S FERNANDEZ	ED	C 04369 POD1	22460				3	2	4	33	22S	27E	576167	3579158		3893
C 01523	C	SAN	3	COTTON GROWERS INC	ED	C 01523				Shallow	3	3	1	35	22S	27E	578272	3579492*		3903
C 03012	C	DOL	0	DON MCKIDDEN	ED	C 03012					3	3	1	33	22S	27E	575035	3579449*		3910
C 03319	C	DOM	0	SHERRY CHASTAIN	ED	C 03319					3	4	4	27	22S	27E	578403	3579548		3910
C 03162	C	DOL	3	MERLAND INC.	ED	C 03162					2	2	2	18	22S	27E	573183	3584909*		3914
C 01088	C	DOM	3	GLADES MADELINE MCGONAGILL	ED	C 01088				Shallow	3	3	3	12	22S	27E	579872	3585199*		3915
C 03506	CUB	MON	0	ATKINS ENGR ASSOC INC	ED	C 03506 POD1				Shallow	2	1	4	19	22S	27E	572734	3582415		3927
C 02533	C	DOM	0	TOM MOOTS	ED	C 02533					1	4	33	22S	27E	575947	3579153*		3930	
C 00627	C		0	JOHN B. SEARS	ED	C 00627					1	13	22S	27E		580178	3584690*		3932	
C 01737	CUB	IRR	0	EDEAL PATRICK & BETTYE	ED	C 01737					1	13	22S	27E		580178	3584690*		3932	
C 00171	CUB	IRR	0	ROBERT LEON WALTERSCHEID	ED	C 00171				Shallow	1	2	4	34	22S	27E	577870	3579279*		3951
C 00589	CUB	IRR	390	FRANCIS G. TRACY, III	ED	C 00589				Shallow	2	4	4	04	22S	27E	576412	3586974*		3953
C 02838	C	PRO	0	DEVON ENERGY PRODUCTION	ED	C 00589				Shallow	2	4	4	04	22S	27E	576412	3586974*		3953
C 02921	C	PRO	0	MARBOB ENERGY	ED	C 02921					2	4	4	04	22S	27E	576412	3586974*		3953
C 02262	C	DOM	3	TOMMY ALFORD	ED	C 02262				Shallow	4	2	32	22S	27E	574732	3579544*		3958	

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q	q	q	6416	4	Sec	Tws	Rng	X	Y	Distance
C 02525	C	DOM		3 PORF MARTINEZ	ED	C 02525				Shallow	1	3	3	08	22S	27E		573385	3585321*		3961
C 03117	C	DOM		3 JULIAN GARZA	ED	C 03117				Shallow	1	3	3	08	22S	27E		573385	3585321*		3961
C 03119	C	PRO		0 PURE PETROLEUM	ED	C 03117				Shallow	1	3	3	08	22S	27E		573385	3585321*		3961
C 00287	CUB	IRR	101.4	JOHN & SALLY RHODES	ED	C 00287				Shallow	3	1	3	34	22S	27E		576657	3579061*		3965
C 00778	C	STK		0 REED W. COX	ED	C 00778					3	1	2	35	22S	27E		579081	3579914*		3970
C 00430	CUB	IRR	23.4	F & W FARMS	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 A	CUB	IRR	1.5	PAT D. CHUMLEY	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 B	CUB	IRR	1.5	ROY A & ANITA BETH TORRES	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 C	CUB	IRR	1.5	MITCHELL L & DONNA L CARTER	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 D	CUB	IRR	1.5	PETRICK M & DONANN B HEDDERMAN	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 E	CUB	IRR	1.5	RAY & ANGELITA PARRAZ	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 F	CUB	IRR	1.5	ROBERT M & ROSIE C GOMEZ	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 G	CUB	IRR	1.5	RUBIN S ESQUIBEL	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 H	CUB	IRR	1.5	LOUIS G & SHELLY M ESCOBEDO	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 H-A	CUB	IRR	1.5	WAYNE T & JOHNIE BRADFORD	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 I	CUB	IRR	1.5	JIMMY P & KAREN P GENTRY	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 J	CUB	IRR	0.75	PAUL D & KIMBERLY ORR	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 K	CUB	IRR	1.5	DONALD R & BETTY K SUGGS	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 L	CUB	IRR	1.5	FRANK A & MARY E HAYS	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 M	CUB	IRR	18	BOBBY W & ANGELA PORTER	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 N	CUB	IRR	1.5	RALPH & ANITA CASTANEDA	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980
C 00430 O	CUB	IRR	1.5	ERNEST VALDEZ	ED	C 00430 S				Shallow	3	1	2	32	22S	27E		574225	3579843*		3980

*UTM location was derived from PLSS - see Help

(R=POD has been replaced

and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)

C=the file is closed)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub				County	POD Number	Well		Source	q q q					X	Y	Distance		
	basin	Use	Diversion	Owner			Tag	Code Grant		6416	4	Sec	Tws	Rng					
C 00430 P	CUB	IRR	4.5	ROGELIO V. OR PATSY G. YBARRA	ED	C 00430 S			Shallow	3	1	2	32	22S	27E	574225	3579843*		3980
C 02882	C	DOL	0	JOE MORGAN	ED	C 02882				3	1	2	32	22S	27E	574225	3579843*		3980
C 03030	C	DOM	3	RUBEN FLORES	ED	C 03030			Shallow	3	1	2	32	22S	27E	574225	3579843*		3980
C 00451	CUB	IRR	480	KENNEY L JAMES	ED	C 00451			Shallow	4	2	30	22S	27E	573104	3581143*		3983	
C 00644	CUB	IRR	23.25	OTIS MDWC & SWA	ED	C 00644			Shallow	3	2	4	33	22S	27E	576251	3579056*		3986
C 00393	CUB	IRR	493.5	WILLIAM A. & BETTY S. WEEMS	ED	C 00393			Shallow	3	1	3	25	22S	27E	579890	3580742*		3993
C 00393 A	CUB	IRR	111.3	JOHN DRAPER BRANTLEY JR	ED	C 00393			Shallow	3	1	3	25	22S	27E	579890	3580742*		3993
C 03456	C	DOM	3	ALFRED L PORTER	ED	C 00393			Shallow	3	1	3	25	22S	27E	579890	3580742*		3993
C 00020	CUB	IRR	11.73	GENE WALTERSCHEID	ED	C 00020			Shallow	4	4	4	07	22S	27E	573181	3585119*		4021
C 00395	C	DOM	3	T. A. WEED	ED	C 00395				4	4	4	07	22S	27E	573181	3585119*		4021
C 00193 COMBH	CUB	IRR	47.37	ROBERT & BETTY RUSSELL	ED	C 00193 COMBS2				2	3	2	32	22S	27E	574427	3579637*		4033
C 00193 COMBI	CUB	IRR	46.92	CHARLES E. & NANCY ELLEN VAN ZANT REVOCABLE TRUST UTA	ED	C 00193 COMBS2				2	3	2	32	22S	27E	574427	3579637*		4033
C 00193 COMBJ	CUB	IRR	40.5	PATRICK L. & FAYE WILSON	ED	C 00193 COMBS2				2	3	2	32	22S	27E	574427	3579637*		4033
C 00017	C	DOM	3	ROY E BROWN	ED	C 00017			Shallow	3	3	2	19	22S	27E	572589	3582669*		4041
C 01478	C	DOM	3	BENNIE JACKSON	ED	C 01478			Shallow	2	2	4	30	22S	27E	573207	3580836*		4050
C 03123	C	DOL	3	RICHARD D MCKEON	ED	C 03123			Shallow	2	2	4	30	22S	27E	573207	3580836*		4050
C 00479	C	DOM	0	FRANCIS G. TRACY	ED	C 00479				3	03	22S	27E	576919	3587082*		4067		
C 00444	CUB	IRR	216	W.E. PASLAY	ED	C 00444			Shallow	3	1	3	08	22S	27E	573382	3585522*		4084
C 00444 AB	CUB	IRR	15	JULIO V. & DELIA A. MARTINEZ	ED	C 00444			Shallow	3	1	3	08	22S	27E	573382	3585522*		4084
C 00444 AC	CUB	IRR	33.75	MANUEL P. & ELSA CHAVEZ	ED	C 00444			Shallow	3	1	3	08	22S	27E	573382	3585522*		4084
C 01621	CUB	IRR	0	HENRY H. GRANDI	ED	C 01621				3	1	3	08	22S	27E	573382	3585522*		4084

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub			Owner	County	POD Number	Well		Source	q q q					X	Y	Distance		
	basin	Use	Diversion				Tag	Code		Grant	6416	4	Sec	Tws				Rng	
C 02618	C	STK		3 WADE WHITE	ED	C 02618			Shallow	3	1	3	08	22S	27E	573382	3585522*		4084
C 02819	C	SAN		0 FUN CITY	ED	C 02819				3	1	4	19	22S	27E	572590	3582259*		4097
C 03066	C	DOM		3 CLIFTON E BARKER	ED	C 03066				1	1	3	33	22S	27E	575037	3579243*		4098
C 01694	C	DOM		0 DEWEY CONNELL	ED	C 01694				4	4	1	13	22S	27E	580482	3584394*		4102
C 02579	C	DOL		0 CAROLE EDEAL	ED	C 02579				4	4	1	13	22S	27E	580482	3584394*		4102
C 00033	C	DOM		3 JOE CRABB	ED	C 00033							19	22S	27E	572516	3582546*		4126
C 01356	C	DOM		3 L B LEVERINGTON	ED	C 01356			Shallow	4	2	4	30	22S	27E	573207	3580636*		4162
C 00013	C	DOM		3 R T SPENCE	ED	C 00013			Shallow	3	2	18	22S	27E	572683	3584396*		4163	
C 00193	CUB	IRR		3.048 COUNTRY ACRES, INC.	ED	C 00193 & C-343-S				3	2	32	22S	27E	574328	3579538*		4170	
C 00193 COMBH	CUB	IRR		47.37 ROBERT & BETTY RUSSELL	ED	C 00193 COMBS				3	2	32	22S	27E	574328	3579538*		4170	
C 00193 COMBI	CUB	IRR		46.92 CHARLES E. & NANCY ELLEN VAN ZANT REVOCABLE TRUST UTA	ED	C 00193 COMBS				3	2	32	22S	27E	574328	3579538*		4170	
C 00193 COMBJ	CUB	IRR		40.5 PATRICK L. & FAYE WILSON	ED	C 00193 COMBS				3	2	32	22S	27E	574328	3579538*		4170	
C 01623	C	DOL		0 RONNIE MARTIN	ED	C 01623				1	3	3	34	22S	27E	576659	3578855*		4171
C 03043	C	DOL		3 JIMMIE CHILDRESS	ED	C 03043			Shallow	2	3	3	34	22S	27E	576859	3578855*		4178
C 04349	C	DOL		3 JUDY WALTERSCHEID	ED	C 04349 POD1	22440			4	2	4	34	22S	27E	578110	3579115		4186
C 00759	CUB	IRR		33.84 ALBERT & ELLEN WAGNER	ED	C 00759			Shallow	1	4	3	34	22S	27E	577064	3578861*		4189
C 00759 A	CUB	IRR		25.86 THOMAS W. & LEALA R. DAVIS	ED	C 00759			Shallow	1	4	3	34	22S	27E	577064	3578861*		4189
C 00759 AA	CUB	IRR		11.4 GARY & PAMALA FLETCHER	ED	C 00759			Shallow	1	4	3	34	22S	27E	577064	3578861*		4189
C 00759 AB	CUB	IRR		15.3 ELDON D & WHITNEY B. PRUETT	ED	C 00759			Shallow	1	4	3	34	22S	27E	577064	3578861*		4189
C 00759 AC	CUB	IRR		15.6 MARK & JEANNA S. ADAMO	ED	C 00759			Shallow	1	4	3	34	22S	27E	577064	3578861*		4189
C 00759 C	CUB	IRR		345 RUSTLER HILLS II LIMITED PARTNERSHIP	ED	C 00759			Shallow	1	4	3	34	22S	27E	577064	3578861*		4189

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q 6416	q 4	q 4	Sec	Tws	Rng	X	Y	Distance
C 00759 CA	CUB	IRR	184.5	BRANTLEY BROTHERS	ED	C 00759				Shallow	1	4	3	34	22S	27E	577064	3578861*	 4189
C 01695	C	STK	0	DEWEY CONNELL	ED	C 01695					3	1	4	13	22S	27E	580691	3583995*	 4189
C 02597	C	PRO	0	SANTA FE ENERGY	ED	C 01695					3	1	4	13	22S	27E	580691	3583995*	 4189
C 01143	C	DOM	3	NORA LEE DAVIS	ED	C 01143					3	4	4	07	22S	27E	572981	3585119*	 4193
C 00193	CUB	IRR	3.048	COUNTRY ACRES, INC.	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 00193 COMB	CUB	IRR	39.258	COUNTRY ACRES INC.	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 00193 COMBC	CUB	IRR	3	ORLANDO & OLIVIA G. FLOREZ	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 00193 COMBD	CUB	IRR	3	COUNTRY ACRES, INC.	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 00193 COMBE	CUB	IRR	3	PHILLIP L. & CELESTE K. STONE	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 00193 COMBF	CUB	IRR	3	CHARLES T. & CHARLENE M. MOOTS	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 00193 COMBG	CUB	IRR	3	ROY & RITA BROOKS	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 00193 COMBH	CUB	IRR	47.37	ROBERT & BETTY RUSSELL	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 00193 COMBI	CUB	IRR	46.92	CHARLES E. & NANCY ELLEN VAN ZANT REVOCABLE TRUST UTA	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 00193 COMBJ	CUB	IRR	40.5	PATRICK L. & FAYE WILSON	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 00193 COMBK	CUB	IRR	7.356	MICHAEL LYNN ROGERS	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 00193 COMDK	CUB	IRR	7.356	MICHAEL LYNN & ANNA COLLE ROGERS	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 00343	CUB	IRR	0	CLAUDE L. SMITH	ED	C 00343				Shallow	4	3	2	32	22S	27E	574427	3579437*	 4203
C 03013	C	DOL	3	CHAZ M CALDERON	ED	C 03013				Shallow	4	1	3	33	22S	27E	575237	3579043*	 4214
C 00075	CUB	IRR	0	HENRY TIPTON	ED	C 00075					3	3	4	24	22S	27E	580701	3581970*	 4220
C 00294	CUB	IRR	837	WALTERSCHEID TRUCKING & FARMS	ED	C 00294				Shallow	3	3	4	24	22S	27E	580701	3581970*	 4220
C 00978	C	SAN	3	BOARD OF EDUCATION CARLSBAD MUNICIPAL SCHOOL DIST	ED	C 00978				Shallow	3	3	2	18	22S	27E	572582	3584295*	 4227

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	6416	4	Sec	Tws	Rng	X	Y	Distance	
					ED	C 00978 POD2				Shallow	3	3	2	18	22S	27E	572582	3584295* 	4227
C 00393	CUB	IRR	493.5	WILLIAM A. & BETTY S. WEEMS	ED	C 00393 S				Shallow	3	3	3	25	22S	27E	579891	3580336* 	4239
C 00393 A	CUB	IRR	111.3	JOHN DRAPER BRANTLEY JR	ED	C 00393 S				Shallow	3	3	3	25	22S	27E	579891	3580336* 	4239
C 04128	C	DOL	3	LONNY MCDONALD	ED	C 04128 POD1	20614	NON			3	1	3	33	22S	27E	575186	3579032 	4241
C 03290	C	DOM	1	BART SMITH	ED	C 03290				Shallow	1	3	3	34	22S	27E	576714	3578778 	4248
C 00012	C	DOM	3	R T SPENCE	ED	C 00012				Shallow				18	22S	27E	572515	3584168* 	4255
C 00178	CUB	IRR	0	ANNIE JENTGEN	ED	C 00178				Shallow	1	2	3	35	22S	27E	578677	3579293* 	4264
C 00210	CUB	IRR	354	WILLIAM JAMES & SYBIL I. WALTERSCHEID	ED	C 00586				Shallow	1	2	3	35	22S	27E	578677	3579293* 	4264
C 00586	CUB	IRR	0	WALTERSCHEID ALFRED J.	ED	C 00586				Shallow	1	2	3	35	22S	27E	578677	3579293* 	4264
C 01312	CUB	IRR	334.8	WILLIAM JAMES & SYBIL I. WALTERSCHEID	ED	C 00586				Shallow	1	2	3	35	22S	27E	578677	3579293* 	4264
C 01312 A	CUB	IRR	141	TIMOTHY JOHN WALTERSCHEID	ED	C 00586				Shallow	1	2	3	35	22S	27E	578677	3579293* 	4264
C 01312 B	CUB	IRR	354	A.J. WALTERSCHEID	ED	C 00586				Shallow	1	2	3	35	22S	27E	578677	3579293* 	4264
C 03283	C	DOL	3	SYBIL WALTERSCHEID	ED	C 03283					1	2	3	35	22S	27E	578677	3579293* 	4264
C 01700	C	DOL	3	BILL TAYLOR	ED	C 01700				Shallow		3	3	34	22S	27E	576760	3578756* 	4272
C 01801	C	DOL	3	LEE R GRAYSTON	ED	C 01801				Shallow		3	3	34	22S	27E	576760	3578756* 	4272
C 00680	C	STK	3	GEORGE O'CONNOR	ED	C 00680				Shallow	3	1	3	35	22S	27E	578272	3579085* 	4275
C 00371	C	DOM	3	T. W. ANDERSON	ED	C 00371					1	4	4	07	22S	27E	572981	3585319* 	4296
C 00210	CUB	IRR	354	WILLIAM JAMES & SYBIL I. WALTERSCHEID	ED	C 00210				Shallow	3	3	2	35	22S	27E	579082	3579508* 	4297
C 00586	CUB	IRR	0	WALTERSCHEID ALFRED J.	ED	C 00210				Shallow	3	3	2	35	22S	27E	579082	3579508* 	4297
C 01312	CUB	IRR	334.8	WILLIAM JAMES & SYBIL I. WALTERSCHEID	ED	C 00210				Shallow	3	3	2	35	22S	27E	579082	3579508* 	4297
C 01312 A	CUB	IRR	141	TIMOTHY JOHN WALTERSCHEID	ED	C 00210				Shallow	3	3	2	35	22S	27E	579082	3579508* 	4297
C 01312 B	CUB	IRR	354	A.J. WALTERSCHEID	ED	C 00210				Shallow	3	3	2	35	22S	27E	579082	3579508* 	4297

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub			Owner	County	POD Number	Well		Source	q q q					X	Y	Distance		
	basin	Use	Diversion				Tag	Code Grant		6416	4	Sec	Tws	Rng					
C 03282	C	DOL		3 JAMES WALTERSCHEID	ED	C 03282				3	3	2	35	22S	27E	579082	3579508*		4297
C 00204	CUB	IRR		4.2 MARY F PRICE	ED	C 00204			Shallow	3	3	2	32	22S	27E	574227	3579437*		4310
C 00204 A	CUB	IRR		28.8 DAVID B CULP	ED	C 00204			Shallow	3	3	2	32	22S	27E	574227	3579437*		4310
C 00619	C			0 MYER ROSENBERG	ED	C 00619				3	3	2	32	22S	27E	574227	3579437*		4310
C 00625	CUB	IRR		60 DOUGLAS C. LYNN	ED	C 00625				3	3	2	32	22S	27E	574227	3579437*		4310
C 02383	C	DOM		0 MICHAEL D GRAHAM	ED	C 02383				3	3	2	32	22S	27E	574227	3579437*		4310
C 03021	C	DOL		3 JAMES R WOOD	ED	C 00204			Shallow	3	3	2	32	22S	27E	574227	3579437*		4310
C 02529	C	DOM		3 ROBBIE SLUSHER	ED	C 02529			Shallow		3	12	22S	27E		580174	3585501*		4335
C 02578	C	DOL		0 CAROLE EDEAL	ED	C 02578				2	2	1	13	22S	27E	580480	3584999*		4339
C 03963	C	DOM		1 EFRAIN DUARTE	ED	C 03963 POD1				2	1	4	30	22S	27E	572841	3580880		4340
C 02127	C	PRO		3 SAMMY D. CLARK	ED	C 02127			Shallow	4	4	3	02	22S	27E	578846	3586802*		4385
C 02947	C	PRO		0 MEWBOURNE OIL COMPANY	ED	C 02947				4	4	3	02	22S	27E	578846	3586802*		4385
C 03109	C	PRO		0 DEVON OPERATING	ED	C 02127			Shallow	4	4	3	02	22S	27E	578846	3586802*		4385
C 03242	C	PRO		0 MEWBOURNE OIL COMPANY	ED	C 02127			Shallow	4	4	3	02	22S	27E	578846	3586802*		4385
C 03256	C	PRO		0 DUGAN INC	ED	C 02127			Shallow	4	4	3	02	22S	27E	578846	3586802*		4385
C 00759	CUB	IRR		33.84 ALBERT & ELLEN WAGNER	ED	C 01172			Shallow	3	4	3	34	22S	27E	577064	3578661*		4388
C 00759 A	CUB	IRR		25.86 THOMAS W. & LEALA R. DAVIS	ED	C 01172			Shallow	3	4	3	34	22S	27E	577064	3578661*		4388
C 00759 AA	CUB	IRR		11.4 GARY & PAMALA FLETCHER	ED	C 01172			Shallow	3	4	3	34	22S	27E	577064	3578661*		4388
C 00759 AB	CUB	IRR		15.3 ELDON D & WHITNEY B. PRUETT	ED	C 01172			Shallow	3	4	3	34	22S	27E	577064	3578661*		4388
C 00759 AC	CUB	IRR		15.6 MARK & JEANNA S. ADAMO	ED	C 01172			Shallow	3	4	3	34	22S	27E	577064	3578661*		4388
C 00759 C	CUB	IRR		345 RUSTLER HILLS II LIMITED PARTNERSHIP	ED	C 01172			Shallow	3	4	3	34	22S	27E	577064	3578661*		4388
C 00759 CA	CUB	IRR		184.5 BRANTLEY BROTHERS	ED	C 01172			Shallow	3	4	3	34	22S	27E	577064	3578661*		4388

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub					County	POD Number	Well		Source	q q q					X	Y	Distance		
	basin	Use	Diversion	Owner	Tag			Code	Grant		6416	4	Sec	Tws	Rng					
C 01172	C	IRR		3 I. V. CROLEY	ED	C 01172				Shallow	3	4	3	34	22S	27E	577064	3578661*		4388
C 00515	CUB	IRR		72 MARCELINO B. LOPEZ	ED	C 00515				Shallow	3	4	4	33	22S	27E	576254	3578650*		4390
C 03061	C	SAN		0 MMX INC.	ED	C 03061					2	4	4	34	22S	27E	578071	3578873*		4401
C 00225 D	CUB	IRR		18 DONALD W & ALICE F DEAN	ED	C 00225 D				Shallow	4	4	4	30	22S	27E	573210	3580230*		4405
C 01184	C	DOM		3 G. R. SPENCER	ED	C 01184				Shallow	4	4	4	30	22S	27E	573210	3580230*		4405
C 02617	C	DOL		3 DONALD W DEAN	ED	C 00225 D				Shallow	4	4	4	30	22S	27E	573210	3580230*		4405
C 02412	C	DOM		3 GARY L SEAL	ED	C 02412				Shallow	2	3	3	33	22S	27E	575238	3578836*		4410
C 03202	C	PRO		0 NADEL AND GUSSMAN	ED	C 02470					4	3	4	24	22S	27E	580901	3581970*		4414
C 03232	C	PRO		0 UNIT PETROLEUM	ED	C 02470					4	3	4	24	22S	27E	580901	3581970*		4414
C 03326	C	PRO		0 DEVON ENERGY	ED	C 02470					4	3	4	24	22S	27E	580901	3581970*		4414
C 00031 C	CUB	IRR		28.8 JOHN R ROGERS JR	ED	C 00031 C				Shallow	1	4	4	30	22S	27E	573010	3580430*		4442
C 00183	CUB	IRR		0 GEORGE R. SPENCER	ED	C 00183					1	4	4	30	22S	27E	573010	3580430*		4442
C 02709	C	DOM		3 CHARLES W MC CLURE	ED	C 02709				Shallow	2	3	4	07	22S	27E	572777	3585318*		4469
C 03673	CUB	MON		0 AMEC E & I	ED	C 03673 POD1				Shallow	1	3	3	17	22S	27E	572181	3583640		4475
C 02696	C	DOM		3 WALKER STEWART	ED	C 02696				Shallow	1	3	3	33	22S	27E	575038	3578836*		4476
C 02841	C	DOM		0 SUZANNE C BYRD	ED	C 02841					1	1	4	32	22S	27E	574230	3579231*		4482
C 03274	C	DOM		3 FRANISCO FRENANDEZ	ED	C 03274				Shallow	4	4	3	33	22S	27E	575643	3578641*		4491
C 01761	C	DOL		3 DANNY MUNOZ	ED	C 01761				Shallow		3	35	22S	27E	578575	3578980*		4495	
C 00062 A	CUB	IRR		649.32 J&J FARMS	ED	C 00062 A-S				Shallow	3	1	1	32	22S	27E	573417	3579830*		4521
C 00228	CUB	IRR		-27.9 RAYMOND SPENCER	ED	C 00228 S				Shallow	2	2	2	31	22S	27E	573213	3580025*		4536
C 00228 C	CUB	IRR		36.9 RAYMOND SPENCER	ED	C 00228 S				Shallow	2	2	2	31	22S	27E	573213	3580025*		4536
C 00228 D	CUB	IRR		15 KRIS & MARY MURRILL	ED	C 00228 S				Shallow	2	2	2	31	22S	27E	573213	3580025*		4536

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub				County	POD Number	Well		q q q								X	Y	Distance
	basin	Use	Diversion	Owner			Tag	Code Grant	Source	6416	4	Sec	Tws	Rng					
C 00228 E	CUB	IRR	55.8	GREGORY ROCKHOUSE RANCH INC	ED	C 00228 S			Shallow	2	2	2	31	22S	27E	573213	3580025*		4536
C 00228 F	CUB	IRR	15.6	DAVID SPENCER	ED	C 00228 S			Shallow	2	2	2	31	22S	27E	573213	3580025*		4536
C 00228 FA	CUB	IRR	180	GREGORY ROCKHOUSE RANCH INC	ED	C 00228 S			Shallow	2	2	2	31	22S	27E	573213	3580025*		4536
C 00249	C	DOM	0	CHARLES SPENCER	ED	C 00249				2	2	2	31	22S	27E	573213	3580025*		4536
C 01037	C	DOM	3	RAYMOND SPENCER	ED	C 01037			Shallow	2	2	2	31	22S	27E	573213	3580025*		4536
C 01973	C	DOM	3	DAVID MALEY	ED	C 01973			Shallow	1	1	1	03	23S	27E	576661	3578453*		4573
C 01603	C	DOM	0	BILL TAYLOR	ED	C 01603				1	2	13	22S	27E		580788	3584906*		4577
C 02433	C	DOL	3	GARY L SEAL	ED	C 02433			Shallow	4	3	3	33	22S	27E	575238	3578636*		4600
C 04264	CUB	MON	0	BARRY HOOD INC & NMED-PSTB	ED	C 04264 POD4	NA		Shallow	2	1	4	07	22S	27E	572836	3585674		4614
					ED	C 04264 POD2			Shallow	2	1	4	07	22S	27E	572828	3585669		4617
C 03476	C	DOM	0	FLORENCE GOLDEN	ED	C 03476 POD1				2	2	2	04	23S	27E	576487	3578407		4620
C 04264	CUB	MON	0	BARRY HOOD INC & NMED-PSTB	ED	C 04264 POD3	NA		Shallow	2	1	4	07	22S	27E	572815	3585662		4624
					ED	C 04264 POD1			Shallow	2	1	4	07	22S	27E	572817	3585666		4625
C 00308	C	STK	0	E.J. MAPLES	ED	C 00308				4	2	07	22S	27E		573077	3586019*		4633
C 01823	C	DOL	3	E W DOUGLASS	ED	C 01823				4	2	07	22S	27E		573077	3586019*		4633
C 03293	C	STK	0	DAVID MALEY	ED	C 03293				2	2	1	18	22S	27E	572377	3584904*		4635
C 02977	C	DOM	3	GARY FLETCHER	ED	C 02977			Shallow	1	1	2	03	23S	27E	577470	3578466*		4639
C 03070	C	DOM	0	JERRY BURKETT	ED	C 03070				1	4	4	32	22S	27E	574635	3578830*		4639
C 00945	C	DOM	3	RENA STALLMAN	ED	C 00945				1	4	1	18	22S	27E	572179	3584492*		4671
C 01971	C	DOM	3	O J MCCARTY	ED	C 01971			Shallow	1	1	03	23S	27E		576762	3578354*		4674
C 01989	C	DOL	3	WINSTON BALLARD	ED	C 01989			Shallow	1	1	03	23S	27E		576762	3578354*		4674
C 02146	C	DOM	3	ROCKY JIMENEZ	ED	C 02146			Shallow	1	1	03	23S	27E		576762	3578354*		4674

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub					County	POD Number	Well		Source	q q q					X	Y	Distance		
	basin	Use	Diversion	Owner	Tag			Code	Grant		6416	4	Sec	Tws	Rng					
C 02148	C	DOM		3 DON CHESTER	ED	C 02148				Shallow	1	1	03	23S	27E	576762	3578354*		4674	
C 02150	C	DOM		3 CHARLES THOMPSON JR.	ED	C 02150				Shallow	1	1	03	23S	27E	576762	3578354*		4674	
C 02154	C	DOM		3 MELISSA HELLON	ED	C 02154				Shallow	1	1	03	23S	27E	576762	3578354*		4674	
C 02166	C	DOM		3 HENRY WALTERSCHEID JR.	ED	C 02166				Shallow	1	1	03	23S	27E	576762	3578354*		4674	
C 03821	C	STK		3 THREE RIVERS TRUCKING	ED	C 03821 POD1			NON	Shallow	2	2	3	32	22S	27E	573988	3579146		4685
C 00169	C	DOM		0 J. S. WITT	ED	C 00169					2	1	4	07	22S	27E	572775	3585716*		4688
C 00271	C	DOM		3 HERBERT DUNNING	ED	C 00271				Shallow	1	4	07	22S	27E	572676	3585617*		4714	
C 03115	C	DOM		0 JERRY B HENLEY	ED	C 03115					1	2	2	03	23S	27E	577872	3578472*		4724
C 03504	C	DOM		1 JULIE F. PORTER	ED	C 03504 POD1				Shallow	2	3	4	32	22S	27E	574508	3578789		4731
C 04332	C	DOM		1 CASCADE FINANCIAL	ED	C 04332 POD1	22281				2	3	4	32	22S	27E	574436	3578805		4749
C 02324	C	DOM		3 BILLY R MESSER	ED	C 02324				Shallow	1	2	03	23S	27E	577571	3578367*		4756	
C 02019	C	DOL		0 BILLY RAYMOND TEAGUE	ED	C 02019					4	3	35	22S	27E	578779	3578787*		4759	
C 03157	C	DOL		3 MERLAND INC.	ED	C 03157				Shallow	1	4	1	30	22S	27E	572196	3581231*		4769
C 01625	C	STK		3 ROSE GRAVEL CO.	ED	C 01625				Shallow	1	18		22S	27E	572109	3584591*		4769	
C 00770	CUB	IRR	179.4	FEDERAL LAND BANK OF WICHITA	ED	C 00770 S				Shallow	1	3	4	25	22S	27E	580705	3580551*		4780
C 03137	C	PRO		0 NADEL & GUSSMAN	ED	C 00770 S				Shallow	1	3	4	25	22S	27E	580705	3580551*		4780
C 03174	C	PRO		0 NADEL & GUSSMAN	ED	C 00770 S				Shallow	1	3	4	25	22S	27E	580705	3580551*		4780
C 03194	C	PRO		0 DEVON OPERATING	ED	C 00770 S				Shallow	1	3	4	25	22S	27E	580705	3580551*		4780
C 04373	C	DOM		1 VICENTE VALDEZ	ED	C 04373 POD1	2247D				1	3	1	32	22S	27E	573329	3579550		4782
C 00870	CUB	IRR	528	PABLO RODRIQUES	ED	C 00870				Shallow	3	3	1	36	22S	27E	579892	3579523*		4797
C 00870 A	CUB	IRR	546	BRANTLEY DRAPER	ED	C 00870				Shallow	3	3	1	36	22S	27E	579892	3579523*		4797
C 01086	C	DOM		3 TAYLOR JORDAN	ED	C 01086				Shallow	1	30		22S	27E	572121	3581328*		4803	

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub					County	POD Number	Well		q q q							X	Y	Distance	
	basin	Use	Diversion	Owner	Tag			Code	Grant	Source	6416	4	Sec	Tws	Rng					
C 02624	C	DOM		3 KRIS MURRILL	ED	C 02624				Shallow	3	2	2	31	22S	27E	573013	3579825*		4818
C 02970	C	DOL		3 RICK CALDERON	ED	C 02970				Shallow	3	4	4	32	22S	27E	574635	3578630*		4821
C 00283	C	DOM		3 M.L. TIDWELL	ED	C 00283				Shallow		2	2	03	23S	27E	577973	3578373*		4847
C 02226	C	DOL		3 JOHN LANDOLT	ED	C 02226				Shallow		2	2	03	23S	27E	577973	3578373*		4847
C 00093	CUB	IRR	209.7	R L HALLEY	ED	C 00093				Shallow	3	2	4	35	22S	27E	579487	3579109*		4857
C 00093 A	CUB	IRR	273	JACK H WHITE SR	ED	C 00093 A				Shallow	3	2	4	35	22S	27E	579487	3579109*		4857
					ED	C 00093 POD3				Shallow	3	2	4	35	22S	27E	579487	3579109*		4857
C 00093 B	CUB	IRR	60	JESUS N CARRASCO	ED	C 00093				Shallow	3	2	4	35	22S	27E	579487	3579109*		4857
C 00496 BA	CUB	IRR	96.9	SARAH D. KIDD	ED	C 00093				Shallow	3	2	4	35	22S	27E	579487	3579109*		4857
C 00496 BAB	CUB	IRR	0	DON KIDD	ED	C 00093 POD3				Shallow	3	2	4	35	22S	27E	579487	3579109*		4857
C 00496 D	CUB	IRR	34.2	AUGUSTINE MUNOZ	ED	C 00093 POD3				Shallow	3	2	4	35	22S	27E	579487	3579109*		4857
C 00496 DA	CUB	IRR	30	MARTHA SKEEN	ED	C 00093 POD3				Shallow	3	2	4	35	22S	27E	579487	3579109*		4857
C 00496 DB	CUB	IRR	30	JOE STELL	ED	C 00093 POD3				Shallow	3	2	4	35	22S	27E	579487	3579109*		4857
C 04341	C	MUL		3 SANTIAGO CARRASCO JR	ED	C 04341 POD1	222AA				3	2	2	03	23S	27E	577965	3578359		4858
C 03164	C	DOL		3 MERLAND INC.	ED	C 03164				Shallow	3	1	3	19	22S	27E	571811	3582254*		4865
C 00770	CUB	IRR	179.4	FEDERAL LAND BANK OF WICHITA	ED	C 00770				Shallow	3	3	4	25	22S	27E	580705	3580351*		4887
C 02409	C	DOM		3 PETER FLOREZ	ED	C 02409				Shallow	3	3	4	30	22S	27E	572607	3580225*		4889
C 02897	C	DOL		3 JAMES R GOODBAR	ED	C 02897				Shallow	2	1	1	02	23S	27E	578474	3578478*		4913
C 03179	C	DOL		0 ROBERT A DAVIS	ED	C 03179					1	1	3	32	22S	27E	573423	3579219*		4967
C 00720	C	DOL		3 HENRY GOMEZ	ED	C 00720				Shallow		1	1	02	23S	27E	578375	3578379*		4969
C 01844	C	DOM		0 HENRY GOMEZ	ED	C 00720				Shallow		1	1	02	23S	27E	578375	3578379*		4969
					ED	C 01844 POD2					1	1	02	23S	27E	578375	3578379*		4969	

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)							C=the file is closed)		(quarters are smallest to largest)					(NAD83 UTM in meters)						
WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q 64	q 16	q 4	Sec	Tws	Rng	X	Y	Distance	
C 01910	C	DOL		0 HENRY GOMEZ	ED	C 01910					1	1	02	23S	27E		578375	3578379*		4969
C 00546	C	DOM		3 JOSE SUBIA	ED	C 00546				Shallow	1	3	1	03	23S	27E	576663	3578051*		4975
C 00038	CUB	IRR		675 SKEEN PARTNERSHIP	ED	C 00038 S				Shallow	1	2	1	02	23S	27E	578679	3578485*		4988
C 00038 A	CUB	IRR	295.76	CHARLES JURVA	ED	C 00038 S				Shallow	1	2	1	02	23S	27E	578679	3578485*		4988
C 01526	C	SAN		0 WILSON BRAZEAL	ED	C 01526					1	1	1	30	22S	27E	571816	3581634*		4996

Record Count: 761

UTMNAD83 Radius Search (in meters):

Easting (X): 576614.64 Northing (Y): 3583026.1 Radius: 5000

Sorted by: Distance

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Grandi 22 002H

Nearest Residence: 25,710 ft

Legend

 Feature 1

 Residence

 Grandi 22 002H

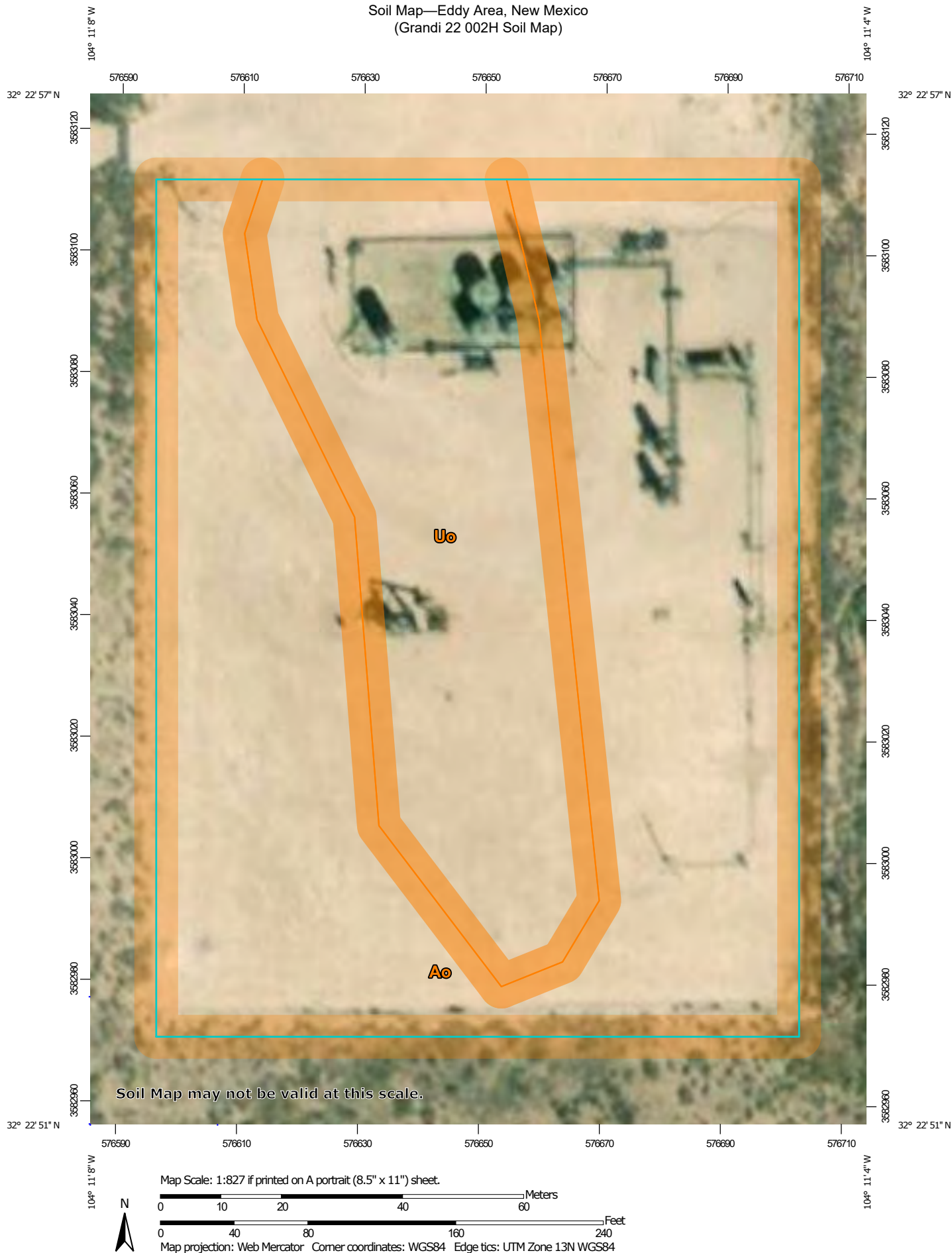
Google Earth

© 2019 Google



3 km

Soil Map—Eddy Area, New Mexico
(Grandi 22 002H Soil Map)



Soil Map—Eddy Area, New Mexico
(Grandi 22 002H Soil Map)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 15, Sep 15, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 31, 2009—Jun 10, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ao	Atoka loam, 0 to 1 percent slopes	2.6	68.6%
Uo	Upton gravelly loam, 0 to 9 percent slopes	1.2	31.4%
Totals for Area of Interest		3.7	100.0%

Eddy Area, New Mexico

Ao—Atoka loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 1w40

Elevation: 1,100 to 4,300 feet

Mean annual precipitation: 7 to 15 inches

Mean annual air temperature: 60 to 70 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Atoka and similar soils: 97 percent

Minor components: 3 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Atoka

Setting

Landform: Plains

Landform position (three-dimensional): Riser

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Alluvium

Typical profile

H1 - 0 to 8 inches: loam

H2 - 8 to 33 inches: loam

H3 - 33 to 37 inches: indurated

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: 20 to 40 inches to petrocalcic

Natural drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 15 percent

Salinity, maximum in profile: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 1.0

Available water storage in profile: Moderate (about 6.4 inches)

Interpretive groups

Land capability classification (irrigated): 3s

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: C

Map Unit Description: Atoka loam, 0 to 1 percent slopes---Eddy Area, New Mexico

Grandi 22 002H Soil Report A

Ecological site: Loamy (R042XC007NM)

Hydric soil rating: No

Minor Components

Upton

Percent of map unit: 1 percent

Ecological site: Shallow (R042XC025NM)

Hydric soil rating: No

Atoka

Percent of map unit: 1 percent

Ecological site: Loamy (R042XC007NM)

Hydric soil rating: No

Reagan

Percent of map unit: 1 percent

Ecological site: Loamy (R042XC007NM)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 15, Sep 15, 2019

Eddy Area, New Mexico

Uo—Upton gravelly loam, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w67

Elevation: 1,100 to 4,400 feet

Mean annual precipitation: 7 to 15 inches

Mean annual air temperature: 60 to 70 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Upton and similar soils: 96 percent

Minor components: 4 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Upton

Setting

Landform: Fans, ridges

Landform position (three-dimensional): Side slope, rise

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam

H2 - 9 to 13 inches: gravelly loam

H3 - 13 to 21 inches: cemented

H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Natural drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 75 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 1.0

Available water storage in profile: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s

Map Unit Description: Upton gravelly loam, 0 to 9 percent slopes---Eddy Area, New Mexico

Grandi 22 002H Soil Report B

Hydrologic Soil Group: D
Ecological site: Shallow (R042XC025NM)
Hydric soil rating: No

Minor Components

Upton

Percent of map unit: 1 percent
Ecological site: Shallow (R042XC025NM)
Hydric soil rating: No

Atoka

Percent of map unit: 1 percent
Ecological site: Loamy (R042XC007NM)
Hydric soil rating: No

Atoka

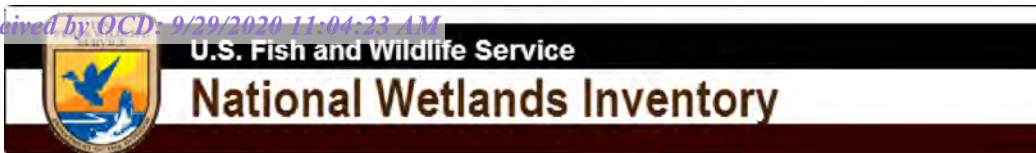
Percent of map unit: 1 percent
Ecological site: Loamy (R042XC007NM)
Hydric soil rating: No

Reagan

Percent of map unit: 1 percent
Ecological site: Loamy (R042XC007NM)
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 15, Sep 15, 2019



Grandi 22 002H: Wetland 10,708 ft



February 5, 2020

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

ATTACHMENT 4

Client Name: Devon Energy Production Company
 Site Name: Grandi 22 #002H
 NM OCD Incident Tracking Number: NAB1916239693
 Project #: 20E-00141-015
 Lab Report: 2003488

Table 2. Characterization Sampling Field Screening and Laboratory Results - Depth to Groundwater < 50 ft													
Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (Petro Flag)	Inorganics (Quantab - High/Low)	Volatile		Extractable					Chloride
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(+/-)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SS 20-01	0	March 9, 2020	0.4	-	-	-	-	-	-	-	-	-	-
SS 20-02	0	March 9, 2020	0.2	-	-	<0.025	<0.225	<5.0	15	<47	15	15	<60
SS 20-03	0	March 9, 2020	0.1	-	-	-	-	-	-	-	-	-	-
SS 20-04	0	March 9, 2020	0.1	-	-	<0.025	<0.221	<4.9	<9.7	<48	<14.6	<62.6	<61
SS 20-05	0	March 9, 2020	0.1	-	-	-	-	-	-	-	-	-	-
SS 20-06	0	March 9, 2020	0.1	-	-	<0.024	<0.217	<4.8	<9.4	<47	<14.2	<61.2	<60

"-" - Not applicable/assessed

Bold and shaded indicates exceedance outside of applied action level

Client Name: Devon Energy Production Company
 Site Name: Grandi 22 #002H
 NM OCD Incident Tracking Number: NAB1916239693
 Project #: 20E-00141-015
 Lab Report: 2003B59

Table 3. Confirmatory Sampling Field Screening and Laboratory Results - Depth to Groundwater < 50 feet										
Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					
			Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
BS20-01	0	March 24, 2020	<0.023	<0.210	<4.7	<9.2	<46	<13.9	<59.9	120
BS20-02	0	March 24, 2020	<0.024	<0.215	<4.8	<9.4	<47	<14.2	<61.2	<60
BS20-03	0	March 24, 2020	<0.025	<0.225	<5.0	<9.5	<48	<14.5	<62.5	<60
BS20-04	0	March 24, 2020	<0.024	<0.216	<4.8	<9.7	<48	<14.5	<62.5	<60
BS20-05	0	March 24, 2020	<0.025	<0.221	<4.9	<9.0	<45	<13.9	<58.9	<60
BS20-06	0	March 24, 2020	<0.024	<0.216	<4.8	<9.4	<47	<14.2	<61.2	<60
BS20-07	0	March 24, 2020	<0.025	<0.222	<4.9	<9.6	<48	<14.5	<62.5	210
BS20-08	0	March 24, 2020	<0.024	<0.213	<4.7	<9.1	<46	<13.8	<59.8	85
BS20-09	0	March 24, 2020	<0.024	<0.217	<4.8	<9.3	<46	<14.1	<60.1	<60
BS20-10	0	March 24, 2020	<0.025	<0.224	<5.0	<9.6	<48	<14.6	<62.6	61

"-" - Not applicable/assessed

Bold and shaded indicates exceedance outside of applied action level

ATTACHMENT 5



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	3/9/2020
Site Location Name:	Grandi 22 #002H	Report Run Date:	3/10/2020 12:52 AM
Project Owner:	Amanda Davis	File (Project) #:	20E-00141
Project Manager:	Natalie Gordon	API #:	30-015-42821
Client Contact Name:	Amanda Davis	Reference	05/13/2019 - Gas Release
Client Contact Phone #:	(575) 748-0176		

Summary of Times

Left Office	3/9/2020 11:26 AM
Arrived at Site	3/9/2020 11:54 AM
Departed Site	3/9/2020 1:00 PM
Returned to Office	3/9/2020 2:00 PM

Daily Site Visit Report



Site Sketch

Spill Response and Sampling

Client: Devon

Date: 3/9/20

Site Name: Grandi 22-2

Site Location: _____

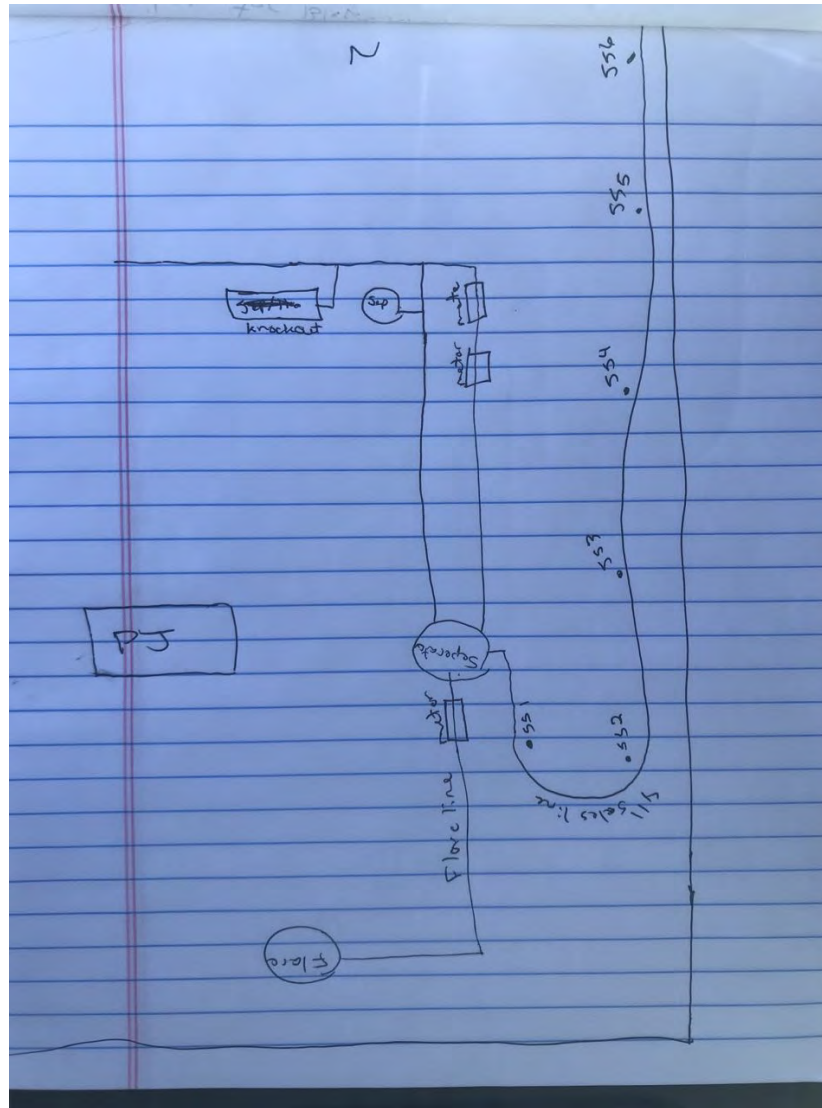
Project Owner: _____

Project Manager: _____

Project #: _____

Sample ID	Depth (ft)	Field Screening		
		VOC (PID)	PetroFlag TPH (ppm)	Quantab (High/Low) + or -
SS/TP/WH - Year - Number Ex. BH18-01	Ex. 2ft	Ex. 400 ppm	200 ppm	Ex. High +
SS1	0	0.4		
SS2	0	0.2		
SS3	0	0.1		
SS4	0	0.1		
SS5	0	0.1		
SS6	0	0.1		

Daily Site Visit Report



Daily Site Visit Report



Summary of Daily Operations

- 11:54** Site characterization for gas release on gas sales line. To complete delineation near flow line to determine if any excavation will be needed
- 12:22** No visual signs of release along gas sales line, walked flow line from separator to end of location and has no signs of rupture or repairs made, samples to be taken along flow line

Next Steps & Recommendations

- 1** Pack samples and send to labs
- 2** Schedule in confirmation sampling event
- 3** Possibly ask operator of where line was fixed at for more accurate description of release

Daily Site Visit Report



Site Photos

Viewing Direction: South



Beginning of gas sales line net to flare line in east side of pad

Viewing Direction: North



4" gas sales line following edge of pad on east side

Viewing Direction: South



Gas sales line along edge of east side of pad

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Monica Peppin

Signature:

A handwritten signature in black ink, appearing to be 'MP', written over a horizontal line.

Signature

ATTACHMENT 6

Natalie Gordon

From: Dhugal Hanton <vertexresourcegroupusa@gmail.com>
Sent: Thursday, March 19, 2020 6:03 PM
To: Natalie Gordon
Subject: Fwd: NAB1916239693: Grandi 22 #002H - 48-hr Notification of confirmation Sampling

----- Forwarded message -----

From: **Dhugal Hanton** <vertexresourcegroupusa@gmail.com>
Date: Thu, Mar 19, 2020 at 6:02 PM
Subject: NAB1916239693: Grandi 22 #002H - 48-hr Notification of confirmation Sampling
To: Bratcher, Mike, EMNRD <Mike.Bratcher@state.nm.us>, Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>, Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Cc: <wesley.mathews@dvn.com>, <tom.bynum@dvn.com>, <Lupe.Carrasco@dvn.com>

All,

Please accept this email as 48-hr notification that Vertex Resource Services Inc. has scheduled confirmatory sampling to be conducted at Grandi 22 #002H for the gas release that occurred on May 13, 2019, NM OCD Incident # NAB1916239693.

On Tuesday, March 24, 2020 at approximately 9:00a.m., Monica Peppin of Vertex will be onsite to guide final remediation activities and conduct confirmatory sampling. She can be reached at 575-361-9880. If you need directions to the site, please do not hesitate to contact her. If you have any questions or concerns regarding this notification, please give me a call at 505-506-0040.

Thank you,
Natalie

ATTACHMENT 7



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

March 18, 2020

Natalie Gordon

Devon Energy

6488 Seven Rivers Highway

Artesia, NM 88210

TEL: (575) 748-0176

FAX

RE: Grandi 22 002H

OrderNo.: 2003488

Dear Natalie Gordon:

Hall Environmental Analysis Laboratory received 3 sample(s) on 3/11/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2003488

Date Reported: 3/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: SS20-02 0'

Project: Grandi 22 002H

Collection Date: 3/9/2020 12:35:00 PM

Lab ID: 2003488-001

Matrix: SOIL

Received Date: 3/11/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	15	9.4		mg/Kg	1	3/16/2020 3:46:45 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/16/2020 3:46:45 PM
Surr: DNOP	111	55.1-146		%Rec	1	3/16/2020 3:46:45 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/14/2020 5:58:34 PM
Surr: BFB	79.6	66.6-105		%Rec	1	3/14/2020 5:58:34 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/14/2020 5:58:34 PM
Toluene	ND	0.050		mg/Kg	1	3/14/2020 5:58:34 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/14/2020 5:58:34 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/14/2020 5:58:34 PM
Surr: 4-Bromofluorobenzene	86.7	80-120		%Rec	1	3/14/2020 5:58:34 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	3/13/2020 7:59:34 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2003488

Date Reported: 3/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: SS20-04 0'

Project: Grandi 22 002H

Collection Date: 3/9/2020 12:45:00 PM

Lab ID: 2003488-002

Matrix: SOIL

Received Date: 3/11/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/13/2020 12:36:28 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/13/2020 12:36:28 PM
Surr: DNOP	110	55.1-146		%Rec	1	3/13/2020 12:36:28 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/14/2020 6:21:57 PM
Surr: BFB	86.1	66.6-105		%Rec	1	3/14/2020 6:21:57 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/14/2020 6:21:57 PM
Toluene	ND	0.049		mg/Kg	1	3/14/2020 6:21:57 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/14/2020 6:21:57 PM
Xylenes, Total	ND	0.098		mg/Kg	1	3/14/2020 6:21:57 PM
Surr: 4-Bromofluorobenzene	94.2	80-120		%Rec	1	3/14/2020 6:21:57 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	61		mg/Kg	20	3/13/2020 8:36:36 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2003488

Date Reported: 3/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: SS20-06 0'

Project: Grandi 22 002H

Collection Date: 3/9/2020 12:55:00 PM

Lab ID: 2003488-003

Matrix: SOIL

Received Date: 3/11/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/13/2020 12:45:44 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/13/2020 12:45:44 PM
Surr: DNOP	109	55.1-146		%Rec	1	3/13/2020 12:45:44 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/14/2020 6:45:17 PM
Surr: BFB	84.3	66.6-105		%Rec	1	3/14/2020 6:45:17 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/14/2020 6:45:17 PM
Toluene	ND	0.048		mg/Kg	1	3/14/2020 6:45:17 PM
Ethylbenzene	ND	0.048		mg/Kg	1	3/14/2020 6:45:17 PM
Xylenes, Total	ND	0.097		mg/Kg	1	3/14/2020 6:45:17 PM
Surr: 4-Bromofluorobenzene	91.9	80-120		%Rec	1	3/14/2020 6:45:17 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	3/13/2020 9:13:39 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003488

18-Mar-20

Client: Devon Energy

Project: Grandi 22 002H

Sample ID: MB-51099		SampType: mblk			TestCode: EPA Method 300.0: Anions					
Client ID: PBS		Batch ID: 51099			RunNo: 67280					
Prep Date: 3/13/2020		Analysis Date: 3/13/2020			SeqNo: 2320005		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-51099		SampType: lcs			TestCode: EPA Method 300.0: Anions					
Client ID: LCSS		Batch ID: 51099			RunNo: 67280					
Prep Date: 3/13/2020		Analysis Date: 3/13/2020			SeqNo: 2320006		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	90	110			

Qualifiers:

- *

Value exceeds Maximum Contaminant Level.
- D

Sample Diluted Due to Matrix
- H

Holding times for preparation or analysis exceeded
- ND

Not Detected at the Reporting Limit
- PQL

Practical Quantitative Limit
- S

% Recovery outside of range due to dilution or matrix
- B

Analyte detected in the associated Method Blank
- E

Value above quantitation range
- J

Analyte detected below quantitation limits
- P

Sample pH Not In Range
- RL

Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2003488

18-Mar-20

Client: Devon Energy
Project: Grandi 22 002H

Sample ID: LCS-51063	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 51063			RunNo: 67261						
Prep Date: 3/12/2020	Analysis Date: 3/13/2020			SeqNo: 2317963		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.8	70	130			
Surr: DNOP	4.5		5.000		90.0	55.1	146			

Sample ID: MB-51063	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 51063			RunNo: 67261						
Prep Date: 3/12/2020	Analysis Date: 3/13/2020			SeqNo: 2317965		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		97.3	55.1	146			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003488

18-Mar-20

Client: Devon Energy
Project: Grandi 22 002H

Sample ID: mb-51042	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 51042	RunNo: 67276								
Prep Date: 3/11/2020	Analysis Date: 3/14/2020	SeqNo: 2318760	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	830		1000		83.2	66.6	105			

Sample ID: lcs-51042	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 51042	RunNo: 67276								
Prep Date: 3/11/2020	Analysis Date: 3/14/2020	SeqNo: 2318761	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	86.6	80	120			
Surr: BFB	960		1000		96.4	66.6	105			

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2003488

18-Mar-20

Client: Devon Energy
Project: Grandi 22 002H

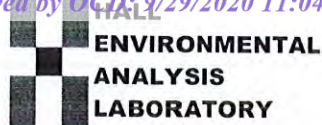
Sample ID: mb-51042	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 51042	RunNo: 67276								
Prep Date: 3/11/2020	Analysis Date: 3/14/2020	SeqNo: 2318870	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		90.8	80	120			

Sample ID: LCS-51042	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 51042	RunNo: 67276								
Prep Date: 3/11/2020	Analysis Date: 3/14/2020	SeqNo: 2318871	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.025	1.000	0	83.3	80	120			
Toluene	0.86	0.050	1.000	0	85.7	80	120			
Ethylbenzene	0.87	0.050	1.000	0	87.3	80	120			
Xylenes, Total	2.6	0.10	3.000	0	88.0	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		93.8	80	120			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



Sample Log-In Check List

Client Name: DEVON ENERGY

Work Order Number: 2003488

RcptNo: 1

Received By: Yazmine Garduno 3/11/2020 8:20:00 AM

Completed By: Yazmine Garduno 3/11/2020 1:03:58 PM

Reviewed By: LB 3/11/2020

Yazmine Garduno

Yazmine Garduno

Chain of Custody

1. Is Chain of Custody sufficiently complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4$ " for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: JR 3/11/20

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date

By Whom:

Via:

☐ eMail☐ Phone☐ Fax☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.3	Good				
2	4.2	Good				



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

March 31, 2020

Amanda Davis

Devon Energy

6488 Seven Rivers Highway

Artesia, NM 88210

TEL: (575) 748-0176

FAX

RE: Grandi 22 #002H

OrderNo.: 2003B59

Dear Amanda Davis:

Hall Environmental Analysis Laboratory received 10 sample(s) on 3/26/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2003B59

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BS20-01

Project: Grandi 22 #002H

Collection Date: 3/24/2020 3:00:00 PM

Lab ID: 2003B59-001

Matrix: SOIL

Received Date: 3/26/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	3/27/2020 2:35:57 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/27/2020 2:35:57 PM
Surr: DNOP	93.9	55.1-146		%Rec	1	3/27/2020 2:35:57 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	120	60		mg/Kg	20	3/29/2020 10:25:19 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.023		mg/Kg	1	3/30/2020 1:13:39 PM
Toluene	ND	0.047		mg/Kg	1	3/30/2020 1:13:39 PM
Ethylbenzene	ND	0.047		mg/Kg	1	3/30/2020 1:13:39 PM
Xylenes, Total	ND	0.093		mg/Kg	1	3/30/2020 1:13:39 PM
Surr: 1,2-Dichloroethane-d4	79.7	70-130		%Rec	1	3/30/2020 1:13:39 PM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	3/30/2020 1:13:39 PM
Surr: Dibromofluoromethane	89.7	70-130		%Rec	1	3/30/2020 1:13:39 PM
Surr: Toluene-d8	106	70-130		%Rec	1	3/30/2020 1:13:39 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/30/2020 1:13:39 PM
Surr: BFB	97.1	70-130		%Rec	1	3/30/2020 1:13:39 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2003B59

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BS20-02

Project: Grandi 22 #002H

Collection Date: 3/24/2020 3:10:00 PM

Lab ID: 2003B59-002

Matrix: SOIL

Received Date: 3/26/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/27/2020 3:00:07 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/27/2020 3:00:07 PM
Surr: DNOP	102	55.1-146		%Rec	1	3/27/2020 3:00:07 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	3/29/2020 10:37:43 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	3/30/2020 1:42:09 PM
Toluene	ND	0.048		mg/Kg	1	3/30/2020 1:42:09 PM
Ethylbenzene	ND	0.048		mg/Kg	1	3/30/2020 1:42:09 PM
Xylenes, Total	ND	0.095		mg/Kg	1	3/30/2020 1:42:09 PM
Surr: 1,2-Dichloroethane-d4	79.4	70-130		%Rec	1	3/30/2020 1:42:09 PM
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	3/30/2020 1:42:09 PM
Surr: Dibromofluoromethane	91.5	70-130		%Rec	1	3/30/2020 1:42:09 PM
Surr: Toluene-d8	107	70-130		%Rec	1	3/30/2020 1:42:09 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/30/2020 1:42:09 PM
Surr: BFB	94.4	70-130		%Rec	1	3/30/2020 1:42:09 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2003B59

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BS20-03

Project: Grandi 22 #002H

Collection Date: 3/24/2020 3:15:00 PM

Lab ID: 2003B59-003

Matrix: SOIL

Received Date: 3/26/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/27/2020 3:24:18 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/27/2020 3:24:18 PM
Surr: DNOP	82.9	55.1-146		%Rec	1	3/27/2020 3:24:18 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	3/29/2020 10:50:08 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	3/30/2020 2:10:46 PM
Toluene	ND	0.050		mg/Kg	1	3/30/2020 2:10:46 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/30/2020 2:10:46 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/30/2020 2:10:46 PM
Surr: 1,2-Dichloroethane-d4	91.1	70-130		%Rec	1	3/30/2020 2:10:46 PM
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	3/30/2020 2:10:46 PM
Surr: Dibromofluoromethane	95.5	70-130		%Rec	1	3/30/2020 2:10:46 PM
Surr: Toluene-d8	109	70-130		%Rec	1	3/30/2020 2:10:46 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/30/2020 2:10:46 PM
Surr: BFB	94.9	70-130		%Rec	1	3/30/2020 2:10:46 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2003B59

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BS20-04

Project: Grandi 22 #002H

Collection Date: 3/24/2020 3:20:00 PM

Lab ID: 2003B59-004

Matrix: SOIL

Received Date: 3/26/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/27/2020 3:48:28 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/27/2020 3:48:28 PM
Surr: DNOP	100	55.1-146		%Rec	1	3/27/2020 3:48:28 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	3/29/2020 11:02:32 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	3/30/2020 2:39:20 PM
Toluene	ND	0.048		mg/Kg	1	3/30/2020 2:39:20 PM
Ethylbenzene	ND	0.048		mg/Kg	1	3/30/2020 2:39:20 PM
Xylenes, Total	ND	0.096		mg/Kg	1	3/30/2020 2:39:20 PM
Surr: 1,2-Dichloroethane-d4	81.9	70-130		%Rec	1	3/30/2020 2:39:20 PM
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	3/30/2020 2:39:20 PM
Surr: Dibromofluoromethane	93.0	70-130		%Rec	1	3/30/2020 2:39:20 PM
Surr: Toluene-d8	108	70-130		%Rec	1	3/30/2020 2:39:20 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/30/2020 2:39:20 PM
Surr: BFB	92.5	70-130		%Rec	1	3/30/2020 2:39:20 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2003B59

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BS20-05

Project: Grandi 22 #002H

Collection Date: 3/24/2020 3:25:00 PM

Lab ID: 2003B59-005

Matrix: SOIL

Received Date: 3/26/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	3/27/2020 4:12:37 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/27/2020 4:12:37 PM
Surr: DNOP	117	55.1-146		%Rec	1	3/27/2020 4:12:37 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	3/29/2020 11:14:57 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	3/30/2020 3:07:47 PM
Toluene	ND	0.049		mg/Kg	1	3/30/2020 3:07:47 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/30/2020 3:07:47 PM
Xylenes, Total	ND	0.098		mg/Kg	1	3/30/2020 3:07:47 PM
Surr: 1,2-Dichloroethane-d4	88.8	70-130		%Rec	1	3/30/2020 3:07:47 PM
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	3/30/2020 3:07:47 PM
Surr: Dibromofluoromethane	96.3	70-130		%Rec	1	3/30/2020 3:07:47 PM
Surr: Toluene-d8	108	70-130		%Rec	1	3/30/2020 3:07:47 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/30/2020 3:07:47 PM
Surr: BFB	95.3	70-130		%Rec	1	3/30/2020 3:07:47 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2003B59

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BS20-06

Project: Grandi 22 #002H

Collection Date: 3/24/2020 3:30:00 PM

Lab ID: 2003B59-006

Matrix: SOIL

Received Date: 3/26/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/27/2020 4:36:47 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/27/2020 4:36:47 PM
Surr: DNOP	109	55.1-146		%Rec	1	3/27/2020 4:36:47 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	3/29/2020 11:27:22 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	3/30/2020 3:36:21 PM
Toluene	ND	0.048		mg/Kg	1	3/30/2020 3:36:21 PM
Ethylbenzene	ND	0.048		mg/Kg	1	3/30/2020 3:36:21 PM
Xylenes, Total	ND	0.096		mg/Kg	1	3/30/2020 3:36:21 PM
Surr: 1,2-Dichloroethane-d4	84.8	70-130		%Rec	1	3/30/2020 3:36:21 PM
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	3/30/2020 3:36:21 PM
Surr: Dibromofluoromethane	95.3	70-130		%Rec	1	3/30/2020 3:36:21 PM
Surr: Toluene-d8	111	70-130		%Rec	1	3/30/2020 3:36:21 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/30/2020 3:36:21 PM
Surr: BFB	98.0	70-130		%Rec	1	3/30/2020 3:36:21 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2003B59

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BS20-07

Project: Grandi 22 #002H

Collection Date: 3/24/2020 3:35:00 PM

Lab ID: 2003B59-007

Matrix: SOIL

Received Date: 3/26/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/27/2020 5:00:49 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/27/2020 5:00:49 PM
Surr: DNOP	87.0	55.1-146		%Rec	1	3/27/2020 5:00:49 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	210	60		mg/Kg	20	3/30/2020 12:04:36 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	3/30/2020 4:05:02 PM
Toluene	ND	0.049		mg/Kg	1	3/30/2020 4:05:02 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/30/2020 4:05:02 PM
Xylenes, Total	ND	0.099		mg/Kg	1	3/30/2020 4:05:02 PM
Surr: 1,2-Dichloroethane-d4	83.8	70-130		%Rec	1	3/30/2020 4:05:02 PM
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	3/30/2020 4:05:02 PM
Surr: Dibromofluoromethane	90.6	70-130		%Rec	1	3/30/2020 4:05:02 PM
Surr: Toluene-d8	110	70-130		%Rec	1	3/30/2020 4:05:02 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/30/2020 4:05:02 PM
Surr: BFB	97.0	70-130		%Rec	1	3/30/2020 4:05:02 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2003B59

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BS20-08

Project: Grandi 22 #002H

Collection Date: 3/24/2020 3:40:00 PM

Lab ID: 2003B59-008

Matrix: SOIL

Received Date: 3/26/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	3/27/2020 5:24:49 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/27/2020 5:24:49 PM
Surr: DNOP	114	55.1-146		%Rec	1	3/27/2020 5:24:49 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	85	60		mg/Kg	20	3/30/2020 12:17:01 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	3/30/2020 4:33:37 PM
Toluene	ND	0.047		mg/Kg	1	3/30/2020 4:33:37 PM
Ethylbenzene	ND	0.047		mg/Kg	1	3/30/2020 4:33:37 PM
Xylenes, Total	ND	0.094		mg/Kg	1	3/30/2020 4:33:37 PM
Surr: 1,2-Dichloroethane-d4	94.1	70-130		%Rec	1	3/30/2020 4:33:37 PM
Surr: 4-Bromofluorobenzene	98.8	70-130		%Rec	1	3/30/2020 4:33:37 PM
Surr: Dibromofluoromethane	95.0	70-130		%Rec	1	3/30/2020 4:33:37 PM
Surr: Toluene-d8	109	70-130		%Rec	1	3/30/2020 4:33:37 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/30/2020 4:33:37 PM
Surr: BFB	97.3	70-130		%Rec	1	3/30/2020 4:33:37 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2003B59

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BS20-09

Project: Grandi 22 #002H

Collection Date: 3/24/2020 3:45:00 PM

Lab ID: 2003B59-009

Matrix: SOIL

Received Date: 3/26/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/27/2020 5:48:44 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/27/2020 5:48:44 PM
Surr: DNOP	119	55.1-146		%Rec	1	3/27/2020 5:48:44 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	3/30/2020 12:29:25 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	3/30/2020 5:02:05 PM
Toluene	ND	0.048		mg/Kg	1	3/30/2020 5:02:05 PM
Ethylbenzene	ND	0.048		mg/Kg	1	3/30/2020 5:02:05 PM
Xylenes, Total	ND	0.097		mg/Kg	1	3/30/2020 5:02:05 PM
Surr: 1,2-Dichloroethane-d4	94.3	70-130		%Rec	1	3/30/2020 5:02:05 PM
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	3/30/2020 5:02:05 PM
Surr: Dibromofluoromethane	93.9	70-130		%Rec	1	3/30/2020 5:02:05 PM
Surr: Toluene-d8	109	70-130		%Rec	1	3/30/2020 5:02:05 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/30/2020 5:02:05 PM
Surr: BFB	97.7	70-130		%Rec	1	3/30/2020 5:02:05 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2003B59

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BS20-10

Project: Grandi 22 #002H

Collection Date: 3/24/2020 3:50:00 PM

Lab ID: 2003B59-010

Matrix: SOIL

Received Date: 3/26/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/27/2020 6:12:41 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/27/2020 6:12:41 PM
Surr: DNOP	102	55.1-146		%Rec	1	3/27/2020 6:12:41 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	61		mg/Kg	20	3/30/2020 12:41:50 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	3/30/2020 5:30:31 PM
Toluene	ND	0.050		mg/Kg	1	3/30/2020 5:30:31 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/30/2020 5:30:31 PM
Xylenes, Total	ND	0.099		mg/Kg	1	3/30/2020 5:30:31 PM
Surr: 1,2-Dichloroethane-d4	82.4	70-130		%Rec	1	3/30/2020 5:30:31 PM
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/30/2020 5:30:31 PM
Surr: Dibromofluoromethane	93.7	70-130		%Rec	1	3/30/2020 5:30:31 PM
Surr: Toluene-d8	105	70-130		%Rec	1	3/30/2020 5:30:31 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/30/2020 5:30:31 PM
Surr: BFB	97.0	70-130		%Rec	1	3/30/2020 5:30:31 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2003B59

31-Mar-20

Client: Devon Energy
Project: Grandi 22 #002H

Sample ID: MB-51389	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 51389	RunNo: 67692								
Prep Date: 3/29/2020	Analysis Date: 3/29/2020	SeqNo: 2337033	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-51389	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 51389	RunNo: 67692								
Prep Date: 3/29/2020	Analysis Date: 3/29/2020	SeqNo: 2337034	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	96.9	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2003B59

31-Mar-20

Client: Devon Energy
Project: Grandi 22 #002H

Sample ID: MB-51355	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 51355	RunNo: 67623								
Prep Date: 3/26/2020	Analysis Date: 3/27/2020	SeqNo: 2334371 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.4		10.00		93.5	55.1	146			

Sample ID: LCS-51355	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 51355	RunNo: 67623								
Prep Date: 3/26/2020	Analysis Date: 3/27/2020	SeqNo: 2334372 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.2	70	130			
Surr: DNOP	4.5		5.000		90.6	55.1	146			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2003B59

31-Mar-20

Client: Devon Energy
Project: Grandi 22 #002H

Sample ID: lcs-51354	SampType: LCS		TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: LCSS	Batch ID: 51354		RunNo: 67682							
Prep Date: 3/26/2020	Analysis Date: 3/29/2020		SeqNo: 2336709		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.3	70	130			
Toluene	1.0	0.050	1.000	0	101	70	130			
Ethylbenzene	1.1	0.050	1.000	0	107	70	130			
Xylenes, Total	3.1	0.10	3.000	0	104	70	130			
Surr: 1,2-Dichloroethane-d4	0.38		0.5000		76.1	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		99.6	70	130			
Surr: Dibromofluoromethane	0.52		0.5000		103	70	130			
Surr: Toluene-d8	0.51		0.5000		103	70	130			

Sample ID: mb-51354	SampType: MBLK		TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: PBS	Batch ID: 51354		RunNo: 67682							
Prep Date: 3/26/2020	Analysis Date: 3/29/2020		SeqNo: 2336710		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.42		0.5000		83.6	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		97.5	70	130			
Surr: Dibromofluoromethane	0.51		0.5000		102	70	130			
Surr: Toluene-d8	0.50		0.5000		100	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2003B59

31-Mar-20

Client: Devon Energy
Project: Grandi 22 #002H

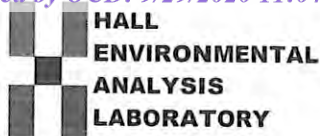
Sample ID: lcs-51354	SampType: LCS			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: LCSS	Batch ID: 51354			RunNo: 67682						
Prep Date: 3/26/2020	Analysis Date: 3/29/2020			SeqNo: 2336742		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	5.0	25.00	0	77.2	70	130			
Surr: BFB	500		500.0		99.8	70	130			

Sample ID: mb-51354	SampType: MBLK			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: PBS	Batch ID: 51354			RunNo: 67682						
Prep Date: 3/26/2020	Analysis Date: 3/29/2020			SeqNo: 2336743		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	480		500.0		96.9	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **DEVON ENERGY**Work Order Number: **2003B59**

RcptNo: 1

Received By: **Juan Rojas**

3/26/2020 8:30:00 AM

*Juan Rojas*Completed By: **Juan Rojas**

3/26/2020 9:27:35 AM

Juan Rojas

Reviewed By:

JR 3/26/20

Chain of Custody

1. Is Chain of Custody sufficiently complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☐ No ☒ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐ Not Frozen
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *DAD 3/26/20*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date:

By Whom:

Via:

☐ eMail☐ Phone☐ Fax☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.2	Good				
2	0.6	Good				
3	-0.8	Good				
4	0.1	Good				

If necessary, samples submitted to Hall Environmental may be sub-contracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.