General Information

NMOCD District:	District 2	Incident ID:	nAPP2204056995
Landowner:	Rustler Hills II	RP Reference:	N/A
Client:	BTA Oil Producers, LLC	Site Location:	Pecos Irrigation 1-10 Tank Battery
Date:	5/5/2022	Project #:	22E-00933
Client Contact:	Bob Hall	Phone #:	432.312.2203
Vertex PM:	Chance Dixon	Phone #:	575.988.1472

Objective

The objective of the Environmental Site Remediation Workplan is to identify areas of exceedance for areas of concern delineated during spill assessment and site characterization activities and propose appropriate remediation techniques to address the open release for the Pecos Irrigation 1-10 Tank Battery. The incident occurred when the load line at the oil tank detached from the coupling and released approximately 26 barrels (bbls) of crude oil onto the pad toward the edge of the location. The load line where the malfunction took place is on the west side of the pad near the southwest entrance. Closure criteria has been selected as per New Mexico Administrative Code (NMAC) 19.15.29.12. All applicable research as it pertains to closure criteria selection is presented in Attachment 1. The closure criteria for the site is presented below (Table 1).

Table 1. Closure Criteria for Soils Impacted by a Release

Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
< 50 feet	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

Site Assessment/Characterization

Between March 24 and April 19, 2022, a total of 20 sample points (boreholes and test pits) were established. Samples were obtained at various depths for horizontal and vertical delineation. Samples collected at the deepest vertical distance and horizontal extent below closure criteria were submitted to the laboratory for analysis. In total, 33 samples were submitted to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico for analysis. The characterization sampling locations are presented in Figure 1 (Attachment 2). Laboratory analyses were compared to the above-noted closure criteria and the results from the characterization activity are presented in Table 2 (Attachment 3).

Remedial Activities

Areas identified with containment concentrations above closure criteria will be remediated through excavation. Laboratory results from the site assessment/characterization have been referenced to estimate both the vertical and horizontal limits of the impacts and the volume of soil to be removed. The soil will be excavated to the extent of the known contamination. Field screening will be utilized to confirm the removal of contaminated soil below the applicable closure criteria. Contaminated soils will be stored on a 30mil liner prior to disposal at an approved facility. Once excavation is complete, confirmatory samples will be collected and analysis will be completed to confirm closure criteria guidelines are met. Excavations will be backfilled with clean soil sourced locally.

Exceedances to closure criteria were found at sample points BH22-01 through BH22-06, TP22-02 through TP22-07, and TP22-09. Mechanical excavation equipment will be used to complete the excavation at these test pits and hand excavation will be utilized in areas where mechanical excavation would be deemed unsafe. The contaminated sample points will be excavated to a depth of 4' bgs or until under the applicable closure criteria. The estimated volume to be excavated is 2,400 yards.

Sample Point	Excavation Depth	Remediation Method
TP22-02	4'	Trackhoe
TP22-03	4'	Trackhoe
TP22-04	4'	Trackhoe
TP22-05	4'	Trackhoe
TP22-06	4'	Trackhoe
TP22-07	4'	Trackhoe
TP22-09	4'	Trackhoe

Should you have any questions or concerns, please do not hesitate to contact the undersigned at 575.988.1472 or cdixon@vertex.ca.

Chance Dixon

Chance Dixon B.Sc.
PROJECT MANAGER, REPORTING

6/8/2023
Date

Attachments

Attachment 1: C-141 Report
Attachment 2: Closure Criteria Research
Attachment 3: Sample Locations - Remediation Plan Figure 1
Attachment 4: Laboratory Results Table and Laboratory Analysis

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	nAPP2204056995
District RP	
Facility ID	fAPP2201743006
Application ID	

Release Notification

Responsible Party

Responsible Party: BTA Oil Producers, LLC	OGRID: 260297
Contact Name: Bob Hall	Contact Telephone: 432-682-3753
Contact email: bhall@btaoil.com	Incident # *(assigned by OCD)* nAPP2204056995
Contact mailing address: 104 S. Pecos St., Midland, TX 79701	

Location of Release Source

Latitude: 32.32146 Longitude: -104.07383
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Pecos Irrigation #1-10 Tank Battery	Site Type: Tank Battery
Date Release Discovered: 2/8/2022	API# *(if applicable)* Nearest well:

Unit Letter	Section	Township	Range	County
G	10	23S	28E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name: Rustler Hills II, PO Box 72, Orla, TX 79770*)

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) 26 BBL	Volume Recovered (bbls) 0 BBL
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride 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
Piping Failure.
Load Line detached at coupling for oil tank allowing the tank to empty onto the tank battery pad. Volume was determined from tank gauge prior to the load line detachment.

(Spill calculation spreadsheet attached.)

Incident ID	nAPP2204056995
District RP	
Facility ID	fAPP2201743006
Application ID	

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?	20 (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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2204056995
District RP	
Facility ID	fAPP2201743006
Application ID	

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: Kelton Beaird Title: Environmental Manager

Signature: Date: 6-13-23

email: KBeaird@btaoil.com Telephone: 432-312-2203

OCD Only

Received by: Jocelyn Harimon Date: 06/13/2023

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2204056995
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- [X] Detailed description of proposed remediation technique
- [X] Scaled sitemap with GPS coordinates showing delineation points
- [X] Estimated volume of material to be remediated
- [X] Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- [X] Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- [ ] Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- [ ] Extents of contamination must be fully delineated.
- [ ] Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Kelton Beaird Title: Environmental Manager

Signature:  Date: 6-13-23

email: KBeaird@btaoil.com Telephone: 432-312-2203

OCD Only

Received by: Jocelyn Harimon Date: 06/13/2023

- [ ] Approved
- [ ] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: _____ Date: _____

ATTACHMENT 2

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

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Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321847104044501

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321847104044501 23S.28E.10.333423

Eddy County, New Mexico
Latitude 32°18'47", Longitude 104°04'45" NAD27
Land-surface elevation 2,999 feet above NAVD88
The depth of the well is 196 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1983-01-26		D	62610		2974.54	NGVD29	1	Z			A
1983-01-26		D	62611		2976.11	NAVD88	1	Z			A
1983-01-26		D	72019	22.89			1	Z			A
1988-02-12		D	62610		2977.93	NGVD29	1	Z			A
1988-02-12		D	62611		2979.50	NAVD88	1	Z			A
1988-02-12		D	72019	19.50			1	Z			A
1993-02-03		D	62610		2978.11	NGVD29	1	S			A
1993-02-03		D	62611		2979.68	NAVD88	1	S			A
1993-02-03		D	72019	19.32			1	S			A
1995-07-19		D	62610		2977.79	NGVD29	1	S			A
1995-07-19		D	62611		2979.36	NAVD88	1	S			A
1995-07-19		D	72019	19.64			1	S			A
1996-01-25		D	62610		2977.57	NGVD29	1	S			A
1996-01-25		D	62611		2979.14	NAVD88	1	S			A
1996-01-25		D	72019	19.86			1	S			A
2003-01-27		D	62610		2974.28	NGVD29	1	S	USGS	S	A
2003-01-27		D	62611		2975.85	NAVD88	1	S	USGS	S	A
2003-01-27		D	72019	23.15			1	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.

Section	Code	Description
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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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: 2022-03-17 09:30:29 EDT
0.28 0.24 nadww02

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321927104033701

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321927104033701 23S.28E.11.114421

Eddy County, New Mexico
Latitude 32°19'27", Longitude 104°03'37" NAD27
Land-surface elevation 2,991 feet above NAVD88
The depth of the well is 100 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1947-02-07		D	62610		2973.73	NGVD29	1	Z			A
1947-02-07		D	62611		2975.30	NAVD88	1	Z			A
1947-02-07		D	72019	15.70			1	Z			A
1947-09-24		D	62610		2960.82	NGVD29	P	Z			A
1947-09-24		D	62611		2962.39	NAVD88	P	Z			A
1947-09-24		D	72019	28.61			P	Z			A
1948-01-13		D	62610		2960.13	NGVD29	P	Z			A
1948-01-13		D	62611		2961.70	NAVD88	P	Z			A
1948-01-13		D	72019	29.30			P	Z			A
1949-01-29		D	62610		2973.38	NGVD29	1	Z			A
1949-01-29		D	62611		2974.95	NAVD88	1	Z			A
1949-01-29		D	72019	16.05			1	Z			A
1950-01-19		D	62610		2977.81	NGVD29	1	Z			A
1950-01-19		D	62611		2979.38	NAVD88	1	Z			A
1950-01-19		D	72019	11.62			1	Z			A
1951-01-17		D	62610		2976.41	NGVD29	1	Z			A
1951-01-17		D	62611		2977.98	NAVD88	1	Z			A
1951-01-17		D	72019	13.02			1	Z			A
1952-01-14		D	62610		2973.38	NGVD29	1	Z			A
1952-01-14		D	62611		2974.95	NAVD88	1	Z			A
1952-01-14		D	72019	16.05			1	Z			A
1953-01-24		D	62610		2972.31	NGVD29	1	Z			A
1953-01-24		D	62611		2973.88	NAVD88	1	Z			A
1953-01-24		D	72019	17.12			1	Z			A
1954-01-14		D	62610		2970.07	NGVD29	1	Z			A
1954-01-14		D	62611		2971.64	NAVD88	1	Z			A
1954-01-14		D	72019	19.36			1	Z			A
1955-01-18		D	62610		2974.09	NGVD29	1	Z			A
1955-01-18		D	62611		2975.66	NAVD88	1	Z			A
1955-01-18		D	72019	15.34			1	Z			A

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1956-01-11	D	62611		2980.10	NAVD88	1	Z	A
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1957-01-09	D	62610		2974.15	NGVD29	1	Z	A
1957-01-09	D	62611		2975.72	NAVD88	1	Z	A
1957-01-09	D	72019	15.28			1	Z	A
1958-01-15	D	62610		2974.29	NGVD29	1	Z	A
1958-01-15	D	62611		2975.86	NAVD88	1	Z	A
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1959-01-08	D	62611		2977.34	NAVD88	1	Z	A
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1960-01-14	D	62611		2976.30	NAVD88	1	Z	A
1960-01-14	D	72019	14.70			1	Z	A
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1962-01-16	D	62610		2974.63	NGVD29	1	Z	A
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1962-01-16	D	72019	14.80			1	Z	A
1963-01-17	D	62610		2975.43	NGVD29	1	Z	A
1963-01-17	D	62611		2977.00	NAVD88	1	Z	A
1963-01-17	D	72019	14.00			1	Z	A
1964-01-20	D	62610		2973.48	NGVD29	1	Z	A
1964-01-20	D	62611		2975.05	NAVD88	1	Z	A
1964-01-20	D	72019	15.95			1	Z	A
1965-01-19	D	62610		2967.68	NGVD29	1	Z	A
1965-01-19	D	62611		2969.25	NAVD88	1	Z	A
1965-01-19	D	72019	21.75			1	Z	A

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1966-01-04	D	62611		2971.76	NAVD88	1	Z	A
1966-01-04	D	72019	19.24			1	Z	A
1967-01-26	D	62610		2973.92	NGVD29	1	Z	A
1967-01-26	D	62611		2975.49	NAVD88	1	Z	A
1967-01-26	D	72019	15.51			1	Z	A
1968-01-26	D	62610		2972.76	NGVD29	1	Z	A
1968-01-26	D	62611		2974.33	NAVD88	1	Z	A
1968-01-26	D	72019	16.67			1	Z	A
1969-01-28	D	62610		2971.66	NGVD29	1	Z	A
1969-01-28	D	62611		2973.23	NAVD88	1	Z	A
1969-01-28	D	72019	17.77			1	Z	A
1970-01-22	D	62610		2975.14	NGVD29	1	Z	A
1970-01-22	D	62611		2976.71	NAVD88	1	Z	A
1970-01-22	D	72019	14.29			1	Z	A
1971-01-13	D	62610		2973.33	NGVD29	1	Z	A
1971-01-13	D	62611		2974.90	NAVD88	1	Z	A
1971-01-13	D	72019	16.10			1	Z	A
1972-01-12	D	62610		2968.52	NGVD29	1	Z	A
1972-01-12	D	62611		2970.09	NAVD88	1	Z	A
1972-01-12	D	72019	20.91			1	Z	A
1973-01-12	D	62610		2972.66	NGVD29	1	Z	A
1973-01-12	D	62611		2974.23	NAVD88	1	Z	A
1973-01-12	D	72019	16.77			1	Z	A
1974-01-18	D	62610		2975.74	NGVD29	1	Z	A
1974-01-18	D	62611		2977.31	NAVD88	1	Z	A
1974-01-18	D	72019	13.69			1	Z	A
1975-01-10	D	62610		2976.65	NGVD29	1	Z	A
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1975-01-10	D	72019	12.78			1	Z	A

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1976-01-14	D	62611		2976.77	NAVD88	1	Z	A
1976-01-14	D	72019	14.23			1	Z	A
1977-01-14	D	62610		2972.40	NGVD29	1	Z	A
1977-01-14	D	62611		2973.97	NAVD88	1	Z	A
1977-01-14	D	72019	17.03			1	Z	A
1978-01-23	D	62610		2970.28	NGVD29	1	Z	A
1978-01-23	D	62611		2971.85	NAVD88	1	Z	A
1978-01-23	D	72019	19.15			1	Z	A
1979-01-18	D	62610		2975.09	NGVD29	1	Z	A
1979-01-18	D	62611		2976.66	NAVD88	1	Z	A
1979-01-18	D	72019	14.34			1	Z	A
1983-01-26	D	62610		2976.40	NGVD29	1	Z	A
1983-01-26	D	62611		2977.97	NAVD88	1	Z	A
1983-01-26	D	72019	13.03			1	Z	A
1988-02-12	D	62610		2973.85	NGVD29	1	Z	A
1988-02-12	D	62611		2975.42	NAVD88	1	Z	A
1988-02-12	D	72019	15.58			1	Z	A
1988-03-17	D	62610		2973.45	NGVD29	1	Z	A
1988-03-17	D	62611		2975.02	NAVD88	1	Z	A
1988-03-17	D	72019	15.98			1	Z	A
1993-02-03	D	62610		2972.12	NGVD29	1	S	A
1993-02-03	D	62611		2973.69	NAVD88	1	S	A
1993-02-03	D	72019	17.31			1	S	A
1995-07-19	D	62610		2971.03	NGVD29	1	S	A
1995-07-19	D	62611		2972.60	NAVD88	1	S	A
1995-07-19	D	72019	18.40			1	S	A
1996-01-25	D	62610		2971.67	NGVD29	1	S	A
1996-01-25	D	62611		2973.24	NAVD88	1	S	A
1996-01-25	D	72019	17.76			1	S	A

2003-01-27	D	62610		2969.99	NGVD29	1	S	USGS	S	A
2003-01-27	D	62611		2971.56	NAVD88	1	S	USGS	S	A
2003-01-27	D	72019	19.44			1	S	USGS	S	A

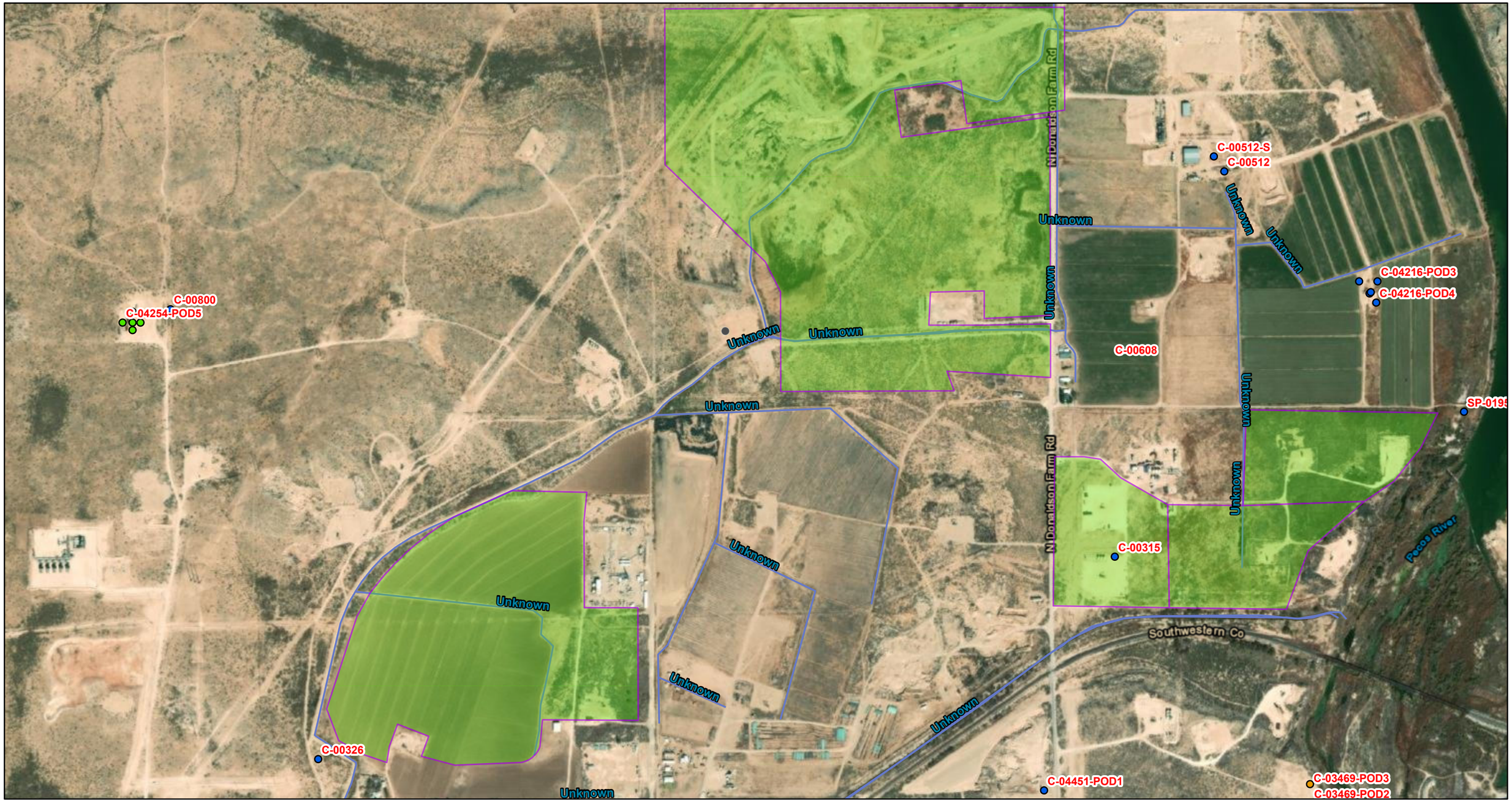
Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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: 2022-03-17 09:30:47 EDT
0.31 0.27 nadww02

OSE POD Locations Map



3/17/2022, 10:25:17 AM

GIS WATERS PODs
- Active
- Pending
- Capped

OSE District Boundary

Water Right Regulations
- Negative Easement Area

Conveyances
- Ditch
- SiteBoundaries

1:9,028

0 0.07 0.15 0.3 mi

0 0.15 0.3 0.6 km

Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

Unofficial Online Map
These maps are distributed “as is” without warranty of any kind.

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 00608	3	3	1	11	23S	28E	587970	3576401*

Driller License: **Driller Company:**

Driller Name: NOT CONTRACTED

Drill Start Date:	**Drill Finish Date:**	**Plug Date:**
Log File Date:	**PCW Rcv Date:**	**Source:**
Pump Type:	**Pipe Discharge Size:**	**Estimated Yield:**
Casing Size: 7.00	**Depth Well:** 200 feet	**Depth Water:**

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

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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00608		C	ED	3	3	1	11	23S	28E	587970	3576401*	794	200		
C 00315		CUB	ED	3	1	3	11	23S	28E	587973	3575995*	914	100	45	55
C 00512 CLW198323	O	CUB	ED	4	1	1	11	23S	28E	588167	3576806*	1053	100		
C 00512 S		CUB	ED	4	1	1	11	23S	28E	588167	3576806*	1053	100		
C 00512		CUB	ED	4	1	1	11	23S	28E	588188	3576775	1063	175	15	160
C 00512 EXPL	O	CUB	ED			1	11	23S	28E	588272	3576703*	1124	200	16	184
C 00800		C	ED		4	2	09	23S	28E	586050	3576479*	1127	200	30	170
C 04451 POD1		C	ED	4	4	4	10	23S	28E	587833	3575521	1132	120	57	63
C 00326		CUB	ED	3	3	3	10	23S	28E	586358	3575572*	1197	130	19	111
C 00326 CLW196238	O	CUB	ED	3	3	3	10	23S	28E	586358	3575572*	1197	196	25	171
C 00235		C	ED		2	2	15	23S	28E	587676	3575280*	1267	160		
C 04216 POD2		CUB	ED	1	4	1	11	23S	28E	588465	3576555	1292	20	10	10
C 00109		CUB	ED	1	3	3	04	23S	27E	588486	3576531	1311	168	120	48
C 04216 POD1		CUB	ED	2	4	1	11	23S	28E	588488	3576534	1314	20	10	10
C 04216 POD4		CUB	ED	2	4	1	11	23S	28E	588499	3576513	1323	20	10	10
C 04216 POD3		CUB	ED	1	4	1	11	23S	28E	588501	3576556	1328	23	13	10
C 03469 POD1		CUB	ED	3	4	3	11	23S	28E	588374	3575538	1501	68	38	30
C 03469 POD3		CUB	ED	3	4	3	11	23S	28E	588381	3575538	1506	47		
C 03469 POD2		CUB	ED	3	4	3	11	23S	28E	588382	3575506	1527	48		
C 00321		C	ED		4	2	15	23S	28E	587679	3574874*	1649	120		

C 02565		C	ED		4	2	15	23S	28E	587679	3574874*	1649	70	12	58
C 00616		CUB	ED	1	3	1	14	23S	28E	587982	3574978*	1673	120	30	90
C 00269		C	ED	4	4	2	15	23S	28E	587778	3574773*	1776	240	35	205
C 00269 CLW199753	O	C	ED	4	4	2	15	23S	28E	587778	3574773*	1776	240	35	205
C 00072		CUB	ED	3	3	1	15	23S	28E	586364	3574760*	1870	120	54	66
C 04415 POD7		CUB	ED	3	1	4	04	23S	28E	585628	3577518	1884	55	38	17
C 04415 POD3		CUB	ED	4	1	4	04	23S	28E	585645	3577552	1890	11		
C 04415 POD2		CUB	ED	4	1	4	04	23S	28E	585653	3577570	1894	12		
C 04415 POD8		CUB	ED	4	1	4	04	23S	28E	585656	3577583	1899	27	23	4
C 04415 POD1		CUB	ED	4	1	4	04	23S	28E	585657	3577591	1903	25	20	5
C 04415 POD5		CUB	ED	4	1	4	04	23S	28E	585652	3577605	1916	10		
C 04415 POD6		CUB	ED	4	1	4	04	23S	28E	585652	3577605	1916	10		
C 04415 POD4		CUB	ED	3	1	4	04	23S	28E	585628	3577575	1917	11		
C 02189		C	ED	1	1	3	14	23S	28E	587985	3574572*	2039	48	29	19
C 03762 POD3		CUB	ED	4	2	2	16	23S	28E	586203	3574642	2048	40	30	10
C 03460 POD1		CUB	ED	3	1	2	14	23S	28E	588857	3575004	2213	100	38	62
C 00311		C	ED	4	2	1	16	23S	28E	585353	3575152*	2235	163	55	108
C 00128		C	ED	2	4	4	15	23S	28E	587783	3574162*	2362	149		
C 03762 POD2		CUB	ED	4	4	2	17	23S	28E	584893	3575598	2435	40	30	10
C 03056		C	ED	3	3	3	04	23S	28E	584772	3577226	2528	60	31	29
C 04588 POD1		CUB	ED	2	2	2	04	23S	28E	586043	3578720	2542	50		
C 00211		C	ED	4	3	3	15	23S	28E	586570	3573949*	2568	89	48	41
C 01336		C	ED	2	1	1	22	23S	28E	586572	3573744*	2767	190	30	160
C 01872		C	ED		2	1	22	23S	28E	586878	3573649*	2811	68	48	20
C 01216		CUB	ED	4	1	1	13	23S	28E	589801	3575205*	2902	60	45	15
C 04418 POD1		CUB	ED	4	2	1	12	23S	28E	590104	3576851	2954	55		
C 01885		C	ED		2	2	21	23S	28E	586070	3573640*	3015	104	35	69
C 03762 POD1		CUB	ED	4	4	2	17	23S	28E	585314	3574066	3021	40	31	9
C 00520		C	ED	1	1	3	16	23S	28E	584754	3574538*	3083	115	33	82

C_00521		C	ED	1	1	3	16	23S	28E	584754	3574538*		3083	218	33	185
C_00094 AS	C	CUB	ED	1	3	2	22	23S	28E	587183	3573346*		3099	165	40	125
C_00154 CLW194067	O	CUB	ED	3	2	1	23	23S	28E	588395	3573566*		3126	150	65	85
C_01108		C	ED	3	2	1	23	23S	28E	588395	3573566*		3126	60	35	25
C_01816		C	ED	1	3	1	23	23S	28E	587992	3573355*		3195	200	40	160
C_01487 CLW201796	O	CUB	ED		3	2	22	23S	28E	587284	3573247*		3199	90	30	60
C_01253		CUB	ED	1	3	1	22	23S	28E	586375	3573338*		3208	179	50	129
C_00154		CUB	ED	4	2	1	23	23S	28E	588595	3573566*		3209	196	38	158
C_01102		C	ED		1	2	23	23S	28E	588901	3573672*		3265	100	12	88
C_00504		CUB	ED	3	1	4	08	23S	28E	583939	3575949*		3275	230	40	190
C_00094		CUB	ED	3	4	2	22	23S	28E	587588	3573151*		3319	100	60	40
C_00094	C	CUB	ED	3	4	2	22	23S	28E	587588	3573151*		3319	100	60	40
C_00094 A	C	CUB	ED	3	4	2	22	23S	28E	587588	3573151*		3319	166	40	126
C_01487		CUB	ED	3	4	1	22	23S	28E	586779	3573142*		3326	150	38	112
C_01217		CUB	ED	4	1	3	13	23S	28E	589789	3574371		3334	87	50	37
C_04560 POD2		CUB	ED	1	3	3	16	23S	28E	584857	3574036		3344	36	25	11
C_01214		CUB	ED	1	2	3	13	23S	28E	590010	3574597*		3382	70	20	50
C_00048		CUB	ED	3	3	1	23	23S	28E	587997	3573160		3385	182	75	107
C_00048	C	CUB	ED	3	3	1	23	23S	28E	587997	3573160		3385	182	75	107
C_04490 POD2		CUB	ED	2	3	3	13	23S	28E	589899	3574259		3490	23	19	4
C_02847		CUB	ED	2	1	4	22	23S	28E	587386	3572941*		3510	80		
C_02849		CUB	ED	2	1	4	22	23S	28E	587386	3572941*		3510	60		
C_01967		C	ED		2	3	13	23S	28E	590111	3574498*		3521	264	200	64
C_04417 POD1		CUB	ED	4	3	3	36	22S	28E	589736	3578874		3528	55		
C_00453		C	ED	2	2	4	22	23S	28E	587790	3572945*		3553	65		
C_03800 POD1		C	ED	3	3	2	05	23S	28E	583927	3577958		3585	97	36	61
C_02796		CUB	ED		2	3	22	23S	28E	586882	3572838*		3619	200		
C_01215		CUB	ED	4	2	3	13	23S	28E	590210	3574397*		3659	104	15	89
C_00443		C	ED	4	2	4	22	23S	28E	587790	3572745*		3750	171	160	11

C_02702		C	ED			2	13	23S	28E	590715	3575108*	3782	38	20	18
C_00716		C	ED				21	23S	28E	585471	3573012*	3833	140	69	71
C_00024	O	CUB	ED			3	22	23S	28E	586682	3572629*	3847	242	48	194
C_00327		CUB	ED	3	2	4	21	23S	28E	585974	3572728*	3906	212		
C_04524 POD1		CUB	ED	1	1	2	01	23S	28E	590452	3578629	3936	55		
C_03965 POD5		CUB	ED	4	1	1	24	23S	28E	589864	3573534	3961	35	31	4
C_01870		C	ED		4	3	22	23S	28E	586885	3572432*	4023	105	48	57
C_00309		CUB	ED	1	3	1	08	23S	28E	583129	3576544*	4049	165	16	149
C_01779		C	ED	3	1	1	08	23S	28E	583128	3576749*	4060	178	50	128
C_04556 POD1		CUB	ED	4	3	1	24	23S	28E	589720	3573237	4092	40	36	4
C_00869 S-2	O	CUB	ED		3	3	23	23S	28E	588097	3572444*	4105	150	58	92
C_00544		C	ED	3	3	1	21	23S	28E	584762	3573120*	4109	27		
C_02848		CUB	ED	3	3	1	21	23S	28E	584762	3573120*	4109	130		
C_00869		CUB	ED	3	3	4	22	23S	28E	587188	3572335*	4110	360		
C_03965 POD4		CUB	ED		1	4	24	23S	28E	589918	3573381	4110	40	31	9
C_04470 POD1		CUB	ED	3	1	3	07	23S	29E	591280	3576086	4118			
C_00500		CUB	ED	4	3	1	24	23S	28E	589811	3573176*	4198	130		
C_00868		CUB	ED	4	3	1	24	23S	28E	589811	3573176*	4198	190		
C_04556 POD2		CUB	ED	4	3	1	24	23S	28E	589891	3573239	4199	40	36	4
C_03974 POD1		C	ED	2	2	1	27	23S	28E	587087	3572220	4225	75	43	32
C_03146		C	ED	1	1	3	24	23S	28E	589613	3572970*	4243	82	36	46
C_04539 POD1		CUB	ED	2	4	2	01	23S	28E	591034	3578223	4247	55		
C_03216 POD1		C	ED	3	3	1	05	23S	28E	583156	3577913	4280	250		
C_03432 POD1		C	ED	1	2	2	27	23S	28E	587527	3572162	4296	115	75	40
C_02243		C	ED	4	4	4	06	23S	28E	582925	3577148*	4309	60	40	20
C_00641		C	ED	2	2	1	27	23S	28E	586986	3572126*	4323	115	40	75
C_02141 CLW468812	O	C	ED	2	4	4	06	23S	28E	582925	3577348*	4346	65	36	29
C_02846 S		CUB	ED	4	4	4	07	23S	28E	582926	3575527*	4348	150	40	110

C_00851		C	ED			3	17	23S	28E	583438	3574217*		4352	200	50	150
C_01122		CUB	ED	1	1	1	26	23S	28E	587999	3572138*		4384	175	30	145
C_03455 POD1		C	ED	3	3	1	05	23S	28E	583040	3577899		4385	57	22	35
C_03472 POD1		CUB	ED	4	4	4	07	23S	28E	582894	3575479		4390	140	40	100
C_02141		C	ED		4	4	06	23S	28E	582826	3577249*		4424	65	36	29
C_02243 CLW469222	O	C	ED		4	4	06	23S	28E	582826	3577249*		4424	60	40	20
C_00577		C	ED	3	1	3	21	23S	28E	584764	3572714*		4443	35	10	25
C_00578		C	ED	3	1	3	21	23S	28E	584764	3572714*		4443	28	18	10
C_00643		C	ED	3	1	3	21	23S	28E	584764	3572714*		4443	76	10	66
C_00340		C	ED		1	1	27	23S	28E	586483	3572022*		4477	117	18	99
C_04490 POD3		CUB	ED	4	1	2	24	23S	28E	590596	3573502		4511	37	33	4
C_01634		C	ED		2	4	06	23S	28E	582825	3577653*		4516	185	85	100
C_01699		C	ED		2	4	06	23S	28E	582825	3577653*		4516	90	65	25
C_00911 POD2		C	ED	1	2	4	20	23S	28E	584359	3572911*		4519	69	34	35
C_00911 POD3		C	ED	1	2	4	20	23S	28E	584359	3572911*		4519	218	60	158
C_00036		CUB	ED	3	3	2	32	22S	28E	583916	3579583*		4525	106		
C_00236		C	ED	2	2	3	32	22S	28E	583723	3579372*		4527	80	39	41
C_00289		CUB	ED	1	1	1	05	23S	28E	583128	3578563*		4569		33	
C_04415 POD9		CUB	ED	4	1	4	04	23S	28E	585714	3572094		4589	40	36	4
C_00214		CUB	ED	2	3	3	32	22S	28E	583327	3578962*		4599	200		
C_03184		C	ED	2	3	3	32	22S	28E	583327	3578962*		4599	157	30	127
C_00650		C	ED	1	3	3	21	23S	28E	584767	3572508*		4616	32	12	20
C_04556 POD3		CUB	ED	4	3	1	24	23S	28E	590567	3573265		4648	40	36	4
C_00035		CUB	ED	3	3	3	32	22S	28E	583127	3578762*		4665	146		
C_00212		CUB	ED	3	3	3	32	22S	28E	583127	3578762*		4665	146	30	116
C_00212 CLW193874	O	CUB	ED	3	3	3	32	22S	28E	583127	3578762*		4665			
C_03542 POD1		CUB	ED	2	4	4	20	23S	28E	584615	3572530		4678	22	16	6
C_03542 POD2		CUB	ED	2	4	4	20	23S	28E	584620	3572497		4703	30		
C_00313		CUB	ED	3	3	3	17	23S	28E	583136	3573915*		4767	250	75	175

C 00539	C	ED	3	3	3	21	23S	28E	584767	3572308*	4787	28	6	22
C 00519	C	ED	2	1	1	28	23S	28E	584970	3572100*	4873	250		
C 00213	CUB	ED	1	4	1	32	22S	28E	583517	3579775*	4948	200	35	165
C 03094	C	ED	4	3	1	32	22S	28E	583317	3579567*	4964	138	53	85

Average Depth to Water: **39 feet**

Minimum Depth: **6 feet**

Maximum Depth: **200 feet**

Record Count: 139

UTMNAD83 Radius Search (in meters):

Easting (X): 587177 **Northing (Y):** 3576445 **Radius:** 5000

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

3/17/22 7:24 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Pecos Irrigation 1-10 Tank Battery Proximity Map

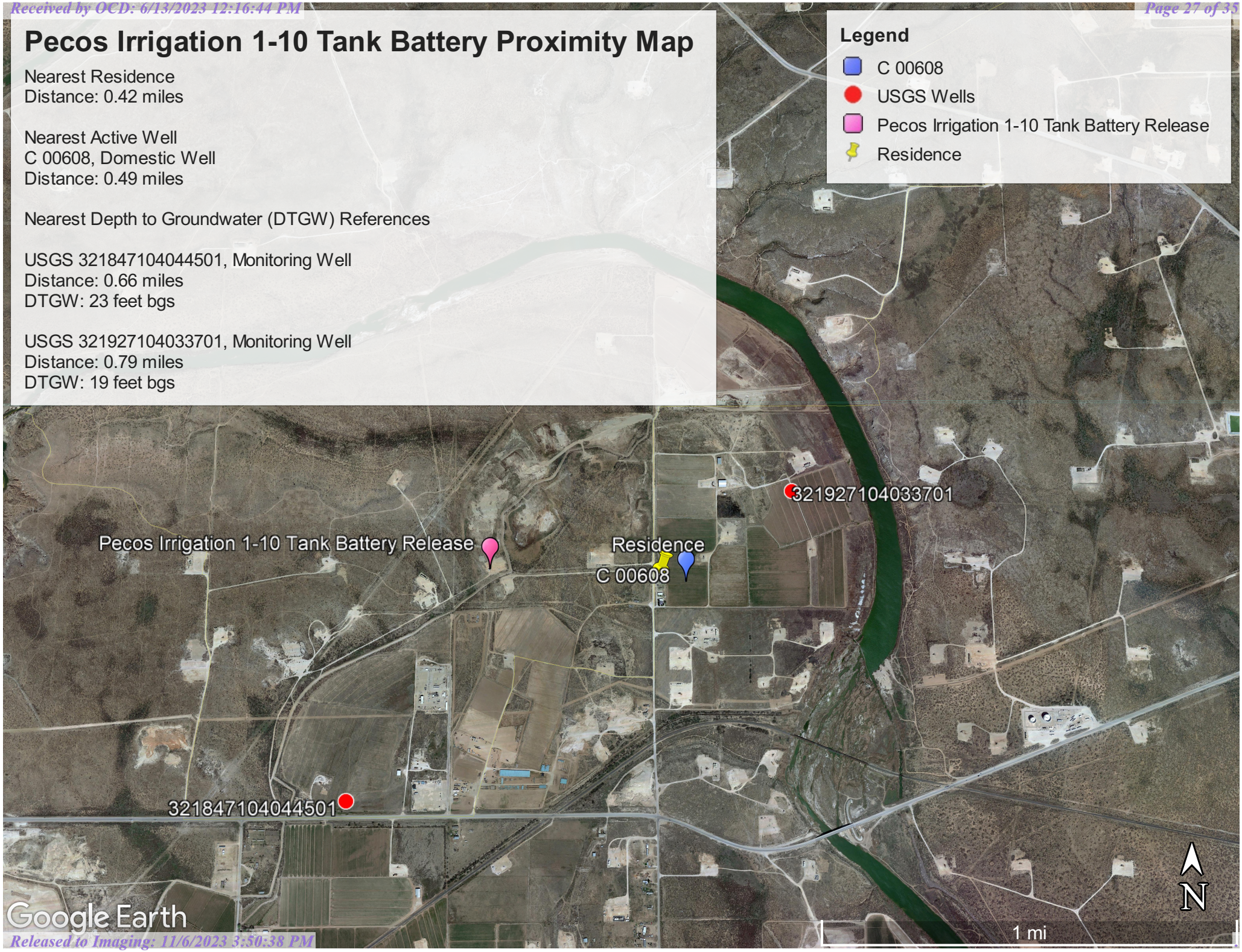
Nearest Residence
Distance: 0.42 miles

Nearest Active Well
C 00608, Domestic Well
Distance: 0.49 miles

Nearest Depth to Groundwater (DTGW) References

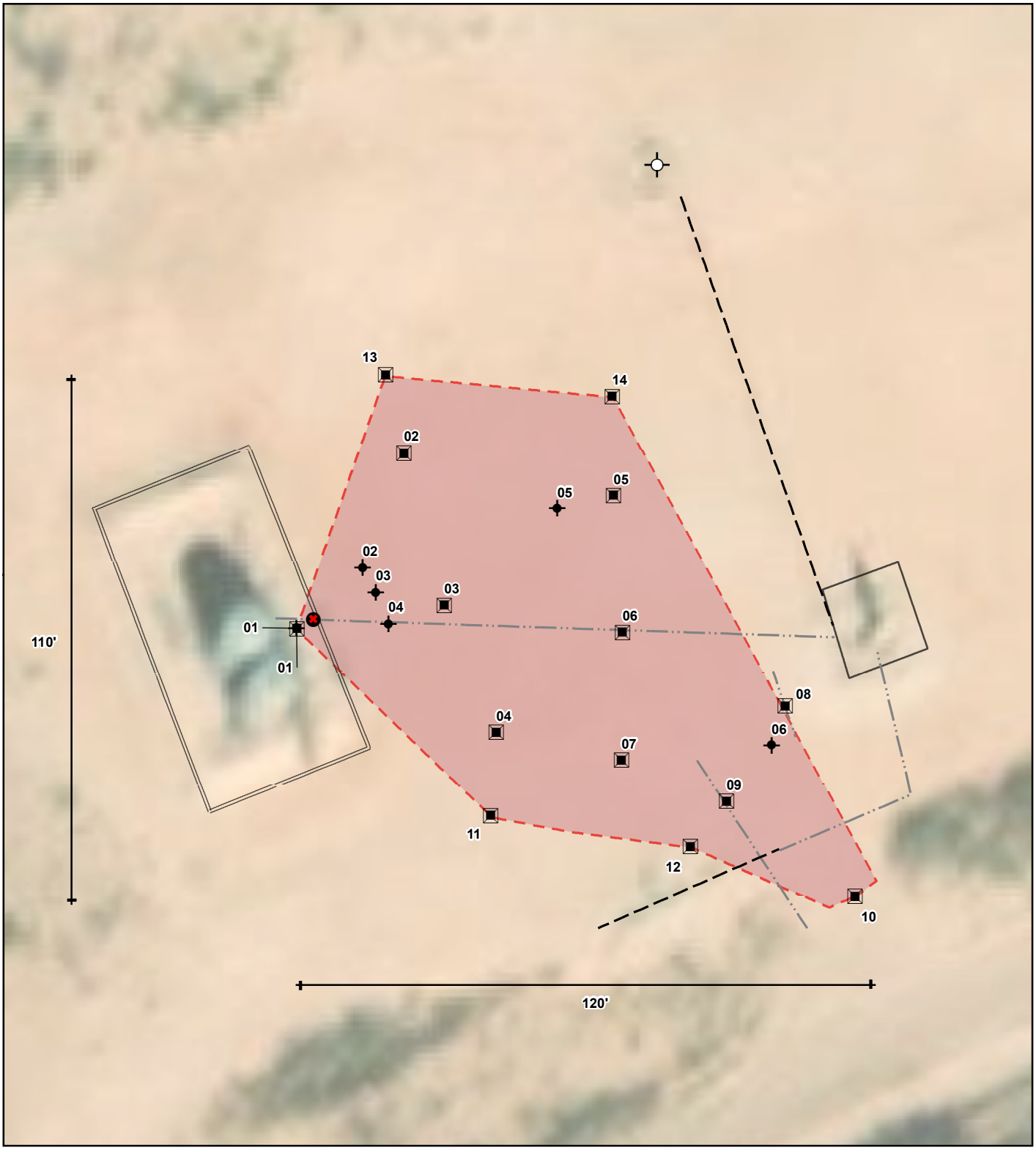
USGS 321847104044501, Monitoring Well
Distance: 0.66 miles
DTGW: 23 feet bgs

USGS 321927104033701, Monitoring Well
Distance: 0.79 miles
DTGW: 19 feet bgs



Closure Criteria Worksheet			
Site Name: Pecos Irrigation 1-10 Tank Battery			
Spill Coordinates:		X: 32.32146	Y: -104.07383
Site Specific Conditions		Value	Unit
1	Depth to Groundwater	**23**	feet
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	3,650	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	13,360	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	2,222	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**	2,605	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	3,568	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	Area of Minimal Flood Hazard	year
11	Soil Type	Gravelly loam, cemented, very gravelly loam	
12	Ecological Classification	Shallow	
13	Geology	Alluvium	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	<50'	<50' 51-100' >100'

ATTACHMENT 3



Borehole (Prefixed by "BH22-")
Point of Release
Testpit (Prefixed by "TP22-")
Well Head
Pipeline (Aboveground)
Pipeline (Underground)
Approximate Release Boundary (7,308 sq. ft.)
Heater Treater
Tank Battery

VERTEX

0 5 10 20 ft.

NAD 1983 UTM Zone 13N
Date: May 03/22

Map Center:
Lat: 32.321487,
Long:-104.073663

N

Characterization Schematic
Pecos Irrigation 1-10 Tank Battery

FIGURE: 1

BTA

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 Imagery from ESRI, 2020.

VERSATILITY. EXPERTISE.

Document Path: G:\1-Projects_US PROJECTS\BTA Oil Producers LLC\22E-00933\Figure 1 Characterization Schematic Pecos Irrigation 1-10 Tank Battery.mxd

ATTACHMENT 4

Client Name: BTA Oil Producers, LLC
Site Name: Pecos Irrigation 1-10 Tank Battery
NM OCD Tracking #: nAPP2204056995
Project #: 22E-00933
Lab Report(sX): 2203E18, 2204560, 2204627

Table 2. Initial Characterization Sample Field Screen and Laboratory Results - Depth to Groundwater <50 feet bgs

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BG22-01	0	3/24/2022	-	-	300	ND	ND	ND	ND	ND	ND	ND	ND
BG22-01	0.5	3/24/2022	-	-	380	ND	ND	ND	ND	ND	ND	ND	ND
BH22-01	0	3/24/2022	0	265	1,835	ND	ND	ND	80	ND	80	80	**850**
BH22-01	0.5	3/24/2022	0	890	377	-	-	-	-	-	-	-	-
BH22-02	0	3/24/2022	0	726	3,910	ND	ND	ND	**890**	ND	**890**	**890**	**2400**
BH22-02	0.5	3/24/2022	0	1,294	3,145	-	-	-	-	-	-	-	-
BH22-03	0	3/24/2022	0	962	3,410	ND	ND	28	**2300**	ND	**2328**	**2328**	**7800**
BH22-03	0.4	3/24/2022	0	639	2,994	-	-	-	-	-	-	-	-
BH22-04	0	3/24/2022	0	485	3,240	ND	ND	ND	38	66	38	**104**	**5200**
BH22-04	0.5	3/24/2022	0	429	3,960	-	-	-	-	-	-	-	-
BH22-05	0	3/24/2022	0	520	4,195	ND	ND	ND	ND	ND	ND	ND	**8600**
BH22-05	0.5	3/24/2022	0	568	3,500	-	-	-	-	-	-	-	-
BH22-06	0	3/24/2022	0	926	2,962	0.38	**51.88**	**890**	**36000**	ND	**36890**	**36890**	**3700**
BH22-06	0.5	3/24/2022	0	893	2,641	-	-	-	-	-	-	-	-
TP22-01	0	4/11/2022	0	48	257	ND	ND	ND	ND	ND	ND	ND	ND
TP22-01	2	4/11/2022	0	88	320	ND	ND	ND	ND	ND	ND	ND	ND
TP22-02	0	4/11/2022	0	**1,046**	**2,860**	-	-	-	-	-	-	-	-
TP22-02	2	4/11/2022	0	**296**	**2,641**	-	-	-	-	-	-	-	-
TP22-02	4	4/11/2022	0	**289**	**1,248**	-	-	-	-	-	-	-	-
TP22-02	6	4/12/2022	0	23	225	ND	ND	ND	ND	ND	ND	ND	ND
TP22-03	0	4/11/2022	0	**140**	**3,640**	-	-	-	-	-	-	-	-
TP22-03	2	4/11/2022	0	36	**2,848**	-	-	-	-	-	-	-	-
TP22-03	4	4/11/2022	0	29	**2,967**	-	-	-	-	-	-	-	-
TP22-03	6	4/11/2022	0	**311**	**1,571**	-	-	-	-	-	-	-	-
TP22-03	8	4/12/2022	0	74	550	ND	ND	ND	ND	ND	ND	ND	ND
TP22-04	0	4/11/2022	0	**982**	**1,982**	-	-	-	-	-	-	-	-
TP22-04	2	4/11/2022	0	**778**	**1,810**	-	-	-	-	-	-	-	-
TP22-04	4	4/11/2022	0	59	**1,289**	-	-	-	-	-	-	-	-
TP22-04	6	4/12/2022	0	25	197	ND	ND	ND	14	ND	14	14	150
TP22-05	0	4/11/2022	0	**1,060**	375	-	-	-	-	-	-	-	-
TP22-05	2	4/11/2022	0	**1,149**	**440**	-	-	-	-	-	-	-	-
TP22-05	6	4/12/2022	0	**53**	**1,022**	-	-	-	-	-	-	-	-
TP22-05	8	4/12/2022	0	77	**867**	ND	ND	ND	ND	ND	ND	ND	410
TP22-05	10	4/18/2022	0	64	300	ND	ND	ND	ND	ND	ND	ND	160
TP22-06	0	4/11/2022	0	**749**	2,965	-	-	-	-	-	-	-	-
TP22-06	2	4/11/2022	0	**626**	2,902	-	-	-	-	-	-	-	-
TP22-06	4	4/11/2022	0	**281**	2,675	-	-	-	-	-	-	-	-
TP22-06	8	4/12/2022	0	**129**	1,022	-	-	-	-	-	-	-	-
TP22-06	10	4/12/2022	0	29	372	ND	ND	ND	ND	ND	ND	ND	480
TP22-07	0	4/11/2022	0	**640**	**2,297**	ND	ND	ND	ND	ND	ND	ND	350
TP22-07	2	4/11/2022	0	**529**	**1,162**	-	-	-	-	-	-	-	-
TP22-07	6	4/12/2022	0	40	**722**	-	-	-	-	-	-	-	-
TP22-07	8	4/12/2022	0	55	562	ND	ND	ND	ND	ND	ND	ND	200
TP22-08	0	4/18/2022	0	96	492	ND	ND	ND	ND	ND	ND	ND	270
TP22-08	3	4/18/2022	0	95	388	ND	ND	ND	ND	ND	ND	ND	240
TP22-08	6	4/18/2022	0	34	372	-	-	-	-	-	-	-	-
TP22-09	0	4/18/2022	0	**324**	**1,040**	ND	3.9	**440**	**21000**	ND	**21440**	**21440**	**900**
TP22-09	6	4/19/2022	0	**840**	**1,139**	ND	ND	ND	ND	ND	ND	ND	110
TP22-09	9	4/19/2022	0	96	**600**	ND	ND	ND	ND	ND	ND	ND	ND
TP22-09	12	4/19/2022	0	85	570	-	-	-	-	-	-	-	-
TP22-10	0	4/18/2022	0	5	360	ND	ND	ND	ND	ND	ND	ND	150

TP22-10	2	4/18/2022	0	9	374	ND	ND	ND	ND	ND	ND	ND	150
TP22-11	0	4/19/2022	0	68	428	ND	ND	ND	ND	ND	ND	ND	ND
TP22-11	3	4/19/2022	0	88	567	ND	ND	ND	ND	ND	ND	ND	ND
TP22-11	6	4/19/2022	0	92	507	-	-	-	-	-	-	-	-
TP22-12	0	4/19/2022	0	94	477	ND	ND	ND	ND	ND	ND	ND	ND
TP22-12	3	4/19/2022	0	67	167	ND	ND	ND	ND	ND	ND	ND	ND
TP22-12	6	4/19/2022	0	42	**600**	-	-	-	-	-	-	-	-
TP22-13	0	4/19/2022	0	47	552	ND	ND	ND	ND	ND	ND	ND	ND
TP22-13	3	4/19/2022	0	18	532	ND	ND	ND	ND	ND	ND	ND	ND
TP22-13	6	4/19/2022	0	22	580	-	-	-	-	-	-	-	-
TP22-14	0	4/19/2022	0	21	535	ND	ND	ND	ND	ND	ND	ND	ND
TP22-14	3	4/19/2022	0	34	570	ND	ND	ND	ND	ND	ND	ND	ND
TP22-14	6	4/19/2022	0	71	585	-	-	-	-	-	-	-	-

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Bold and grey shaded indicates exceedance outside of NM OCD Closure Criteria (on-pad)

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2204056995
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- [X] Detailed description of proposed remediation technique
- [X] Scaled sitemap with GPS coordinates showing delineation points
- [X] Estimated volume of material to be remediated
- [X] Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- [X] Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- [ ] Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- [ ] Extents of contamination must be fully delineated.
- [ ] Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Kelton Beaird Title: Environmental Manager

Signature: Date: 6-13-23

email: KBeaird@btaoil.com Telephone: 432-312-2203

OCD Only

Received by: Jocelyn Harimon Date: 06/13/2023

- [ ] Approved
- [X] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: Robert Hamlet Date: 11/6/2023

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 226981
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Due to the extremely shallow groundwater and sensitive nature of the release location, the site will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. Please collect confirmation samples, representing no more than 200 ft2. The work will need to occur in 90 days after the report has been reviewed.	11/6/2023