



## Liner Inspection and Closure Request

**BTA Oil Producers, LLC**

**Pardue D #2 WI**

**Eddy County, New Mexico**

**Unit Letter "D", Section 11, Township 23 South, Range 28 East**

**Latitude 32.325028 North, Longitude 104.064426 West**

**NMOCD Incident # nAPP2225376858**

---

Prepared For:

BTA Oil Producers  
104 S. Pecos St.  
Midland, TX 79701

Prepared By:

Hungry Horse, LLC  
4024 Plains Hwy  
Lovington, NM 88260  
Office: (575) 393-3386

**July 2023**

*Bradley Wells*

Bradley Wells  
Project Manager  
bwells@hungry-horse.com

*Daniel Dominguez*

Daniel Dominguez  
Environmental Manager  
ddominguez@hungry-horse.com

## Table Of Contents

NMOCD Form C-141 Remediation and Closure Pages	
Background	1
NMOCD Site Classification	1
Liner Inspection	2
Closure Request	2
Limitations	2
Distribution	3

### Figures

- Figure 1 – Topographic Map
- Figure 2 – OSE POD Locations Map
- Figure 3 – USGS Well Locations Map
- Figure 4 – Liner Inspection Map

### Attachments

- Attachment I – Karst and Wetland Maps
- Attachment II – NMOCD Correspondence
- Attachment III – Site Photographs
- Attachment IV – Depth to Groundwater
- Attachment V – Liner Inspection Report
- Attachment VI – NMOCD Form Initial C-141

Incident ID	nAPP2225376858
District RP	
Facility ID	
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?	<u>&lt;50'</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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

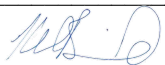
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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	nAPP2225376858
District RP	
Facility ID	
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: 7-28-2023  
email: kbeaird@btaoil.com Telephone: 432-312-2203

**OCD Only**

Received by: Shelly Wells Date: 7/31/2023

Incident ID	nAPP2225376858
District RP	
Facility ID	
Application ID	

## Remediation Plan


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

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ 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: 7-28-2023  
email: kbeaird@btaoil.com Telephone: 432-312-2203

**OCD Only**

Received by: Shelly Wells Date: 7/31/2023

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2225376858
District RP	
Facility ID	
Application ID	

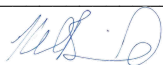
## Closure

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: Kelton Beaird Title: Environmental Manager  
Signature:  Date: 7-28-2023  
email: kbeaird@btaoil.com Telephone: 432-312-2203

### OCD Only

Received by: Shelly Wells Date: 7/31/2023

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: Shelly Wells Date: 8/4/2023  
Printed Name: Shelly Wells Title: Environmental Specialist-Advanced



## HUNGRY HORSE, LLC

The following *Liner Inspection and Closure Request* serves as a condensed update on field activities undertaken at the afore referenced Site.

### Background:

The site is located in Unit Letter D (NE/NE), Section 11, Township 23 South, Range 28 East, approximately three and a half miles north east of Loving, in Eddy County, New Mexico. The location is on private land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred within a metal containment lined with poly liner; Latitude 32.32464 North, Longitude 104.06437 West. The Initial NMOCD Form C-141 indicated that on September 9, 2022 approximately 120 bbls of processed water was released due to a bull plug failure on the triplex pump. A crew was dispatched to the site with a vacuum truck. The pump was repaired and 120 bbls of fluid were recovered. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form Initial C-141 is also included as Attachment VI.

### NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) groundwater databases was completed in an effort to determine the horizontal distance to known water sources within a half mile radius of the Release Site. Approximate depth to groundwater was determined using maintained and published water well data. Karst mapping indicates the site is located in a Karst designated area. Karst and Wetland Maps are provided as Attachment I. Depth to groundwater information is provided as Attachment IV and the results are depicted on Figures 2 & 3.

A total of eight water wells were located within a half mile of the release area. With depth to water ranging between 10 to 20 feet bgs. It was also determined that the release occurred within a Karst designated area. Utilizing this information, the NMOCD Closure Criteria for the Site is depicted in the table below. However, due to the release being contained within a lined containment area and all fluid was recovered, a liner inspection was scheduled.

Depth to Groundwater	Constituent	Method	Limit
<50'	Chloride	EPA 300.0 or SM4500 CLB	600 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	100 mg/kg
	GRO + DRO	EPA SW-846 Method 8015M Ext	N/A
	BTEX	EPA SW-846 Methods 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Methods 8021B or 8260B	10 mg/kg



---

**Liner Inspection:**

The release of 120 bbls of produced water occurred on September 9, 2022, due to the failure of the ball plug on the triplex pump. The valve was shut and a crew with a vacuum truck were contacted to recover the fluids. It was reported by field that 120 bbls were recovered from vacuum truck loading. The released did not leave the lined containment, hit pad, or go offsite. On July 17, 2023, Hungry Horse LLC notified NMOCD that a liner inspection would be conducted on July 19, 2023. Email correspondence is provided as Attachment II.

On July 19, 2023, Hungry Horse personnel arrived on location to inspect the liner. The liner and metal containment were thoroughly inspected form edge to edge, as well as around the tanks and process equipment installed on the liner itself (reference Attachment III – Site Photographs). The liner was found to be in place, intact, with no visible, breaks, or tears. There was no evidence of the release escaping the metal containment area. A completed Liner Inspection Form is attached as Attachment V.

**Closure Request:**

The Liner Inspection and correspondence with NMOCD were conducted in accordance with applicable NMOCD Regulations.

Based upon the reported volume recovered from the release and a thorough liner inspection with photographs demonstrating an intact, untorn, unbroken liner with no evidence of release escaping containment, BTA Oil Producers LLC respectfully request the closure of the Pardue D #2 WI location, incident nAPP2225376858.

**Limitations:**

Hungry Horse, LLC, has prepared this *Liner Inspection and Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Hungry Horse has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Hungry Horse has not conducted an independent examination of the facts contained in referenced materials and statements. Hungry Horse has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Hungry Horse notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.



---

**Distribution:**

**BTA Oil Producers, LLC**

104 S. Pecos St.  
Midland, TX 79701

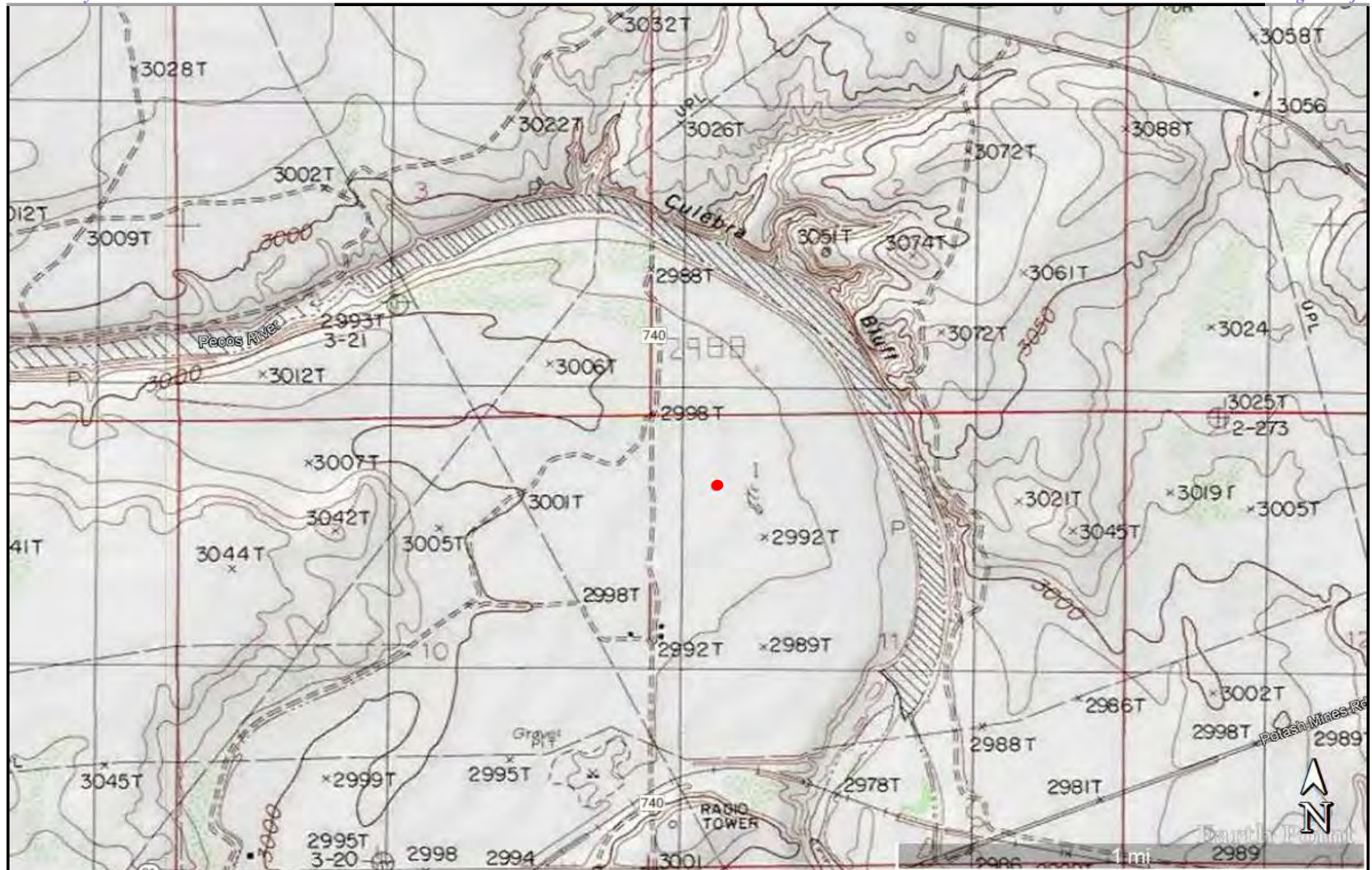
**New Mexico Energy, Minerals and Natural Resources Department**

Oil Conservation Division, District 2  
811 S. First St.  
Artesia, NM 88210

**Antonio & Gloria Onsurez**

PO Box 598  
Loving NM 88256

## Figures

**Figure 1**

Topographic Map  
 BTA Oil Producers, LLC  
 Pardue D #2 WI  
 GPS: 32.325028, -104.064426  
 Eddy County

**Legend:**

● Pardue D #2 WI Location

Drafted: bw  
 Checked: dd  
 Date: 7/17/23



**Figure 2**

OSE POD Locations Map  
 BTA Oil Producers, LLC  
 Pardue D #2 WI  
 GPS: 32.325028, -104.064426  
 Eddy County

**Legend:**

- Pardue D #2 WI Location
- Plugged OSE Water Well
- Active OSE Water Well
- Unknown OSE Water Well

Drafted: bw  
 Checked: dd  
 Date: 7/17/23



**Figure 3**

USGS Well Locations Map  
BTA Oil Producers, LLC  
Pardue D #2 WI  
GPS: 32.325028, -104.064426  
Eddy County

**Legend:**

- Pardue D #2 WI Location
- USGS Well Location

Drafted: bw  
Checked: dd  
Date: 7/17/23



**Figure 4**

Liner Inspection Map  
BTA Oil Producers, LLC  
Pardue D #2 WI  
GPS: 32.325028, -104.064426  
Eddy County

**Legend:**

 Release Within Lined Containment Area

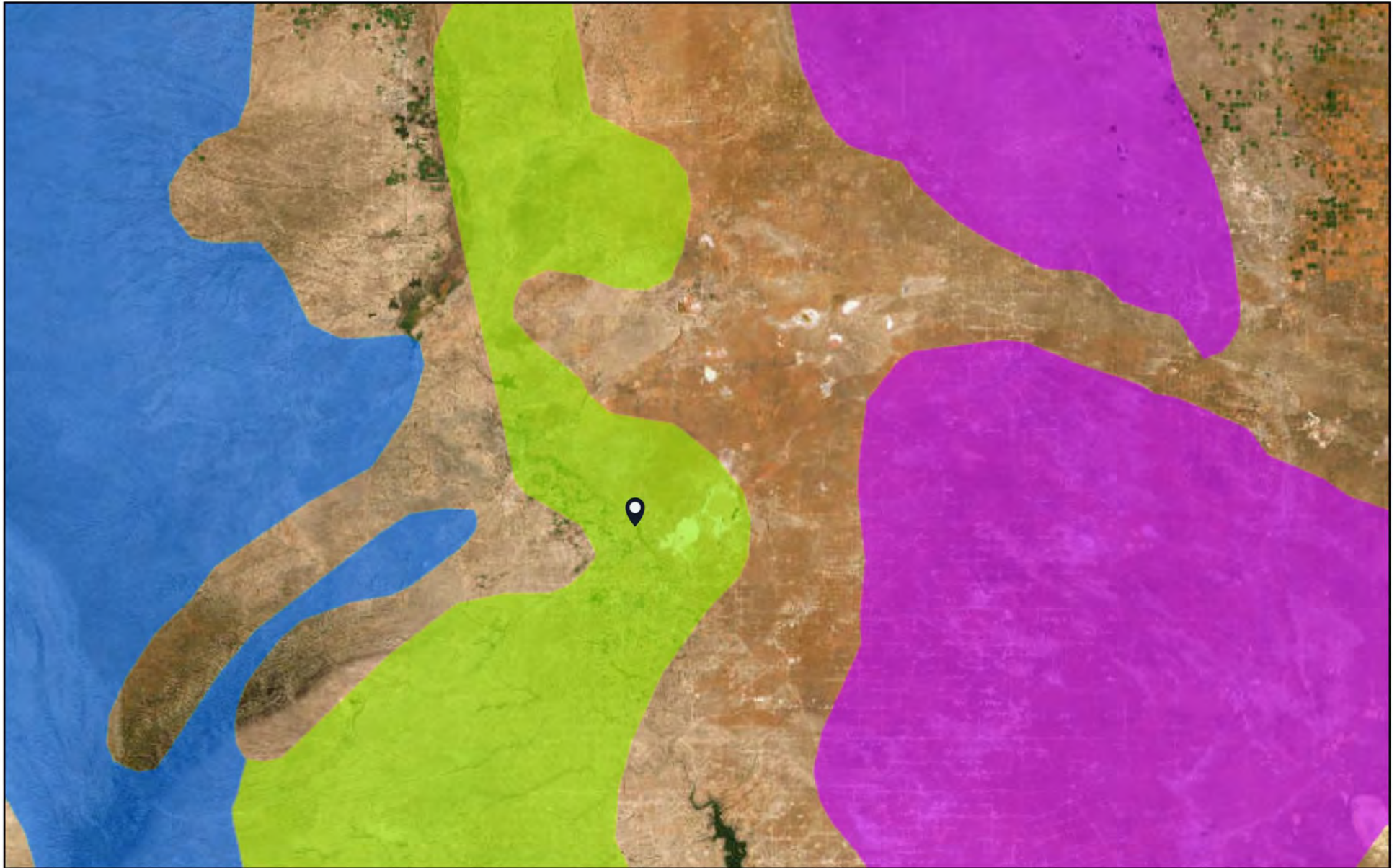
Drafted: bw  
Checked: dd  
Date: 7/17/23



## **Attachment I**

### **Karst and Wetland Maps**

## Pardue D #2 WI



7/26/2023

Karst Type

Carbonate

Erosional

Gypsum

Volcanic

World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

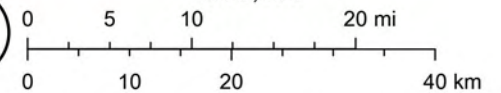
High Resolution 30cm Imagery

Citations

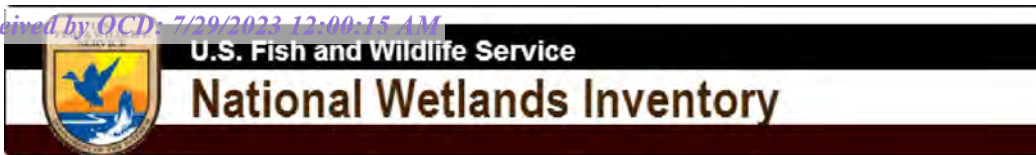
150m Resolution Metadata



1:879,206



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



## Pardue D#2 WI



July 26, 2023

**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 II NMOCD Correspondence**

## Daniel Dominguez

---

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Sent:** Monday, July 17, 2023 1:09 PM  
**To:** Daniel Dominguez  
**Cc:** Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD  
**Subject:** RE: [EXTERNAL] Liner Inspection

Dear Daniel,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,

Shelly

**Shelly Wells** \* Environmental Specialist-Advanced  
Administrative Permitting Program  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive | Santa Fe, NM 87505  
(505)469-7520 | [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Daniel Dominguez <ddominguez@hungry-horse.com>  
**Sent:** Monday, July 17, 2023 11:58 AM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Subject:** [EXTERNAL] Liner Inspection

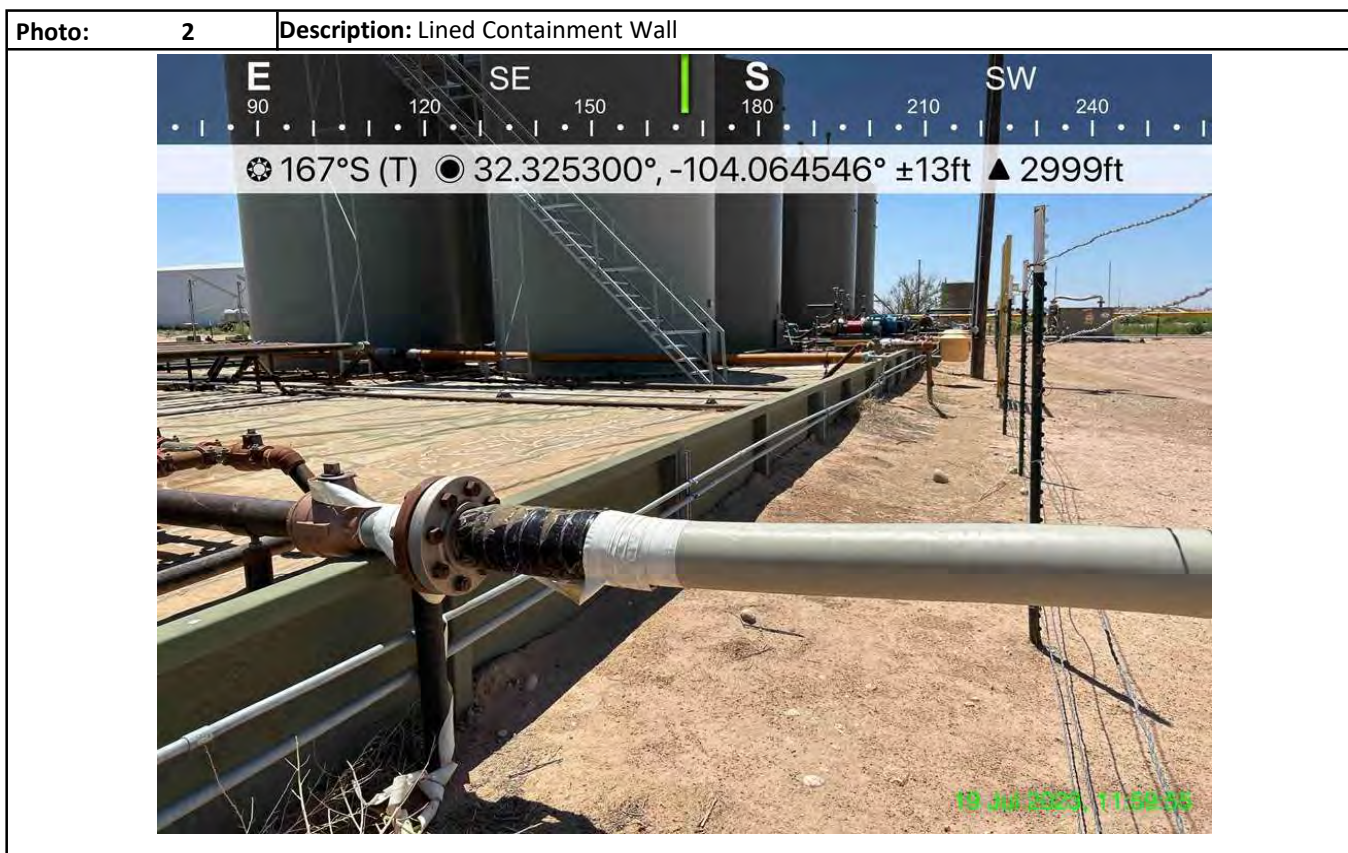
**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

We will be conducting a liner inspection at the Pardue D #2 WI (nAPP2225376858) on Wednesday July 19, 2023 at 1 pm.  
This is our 2 day notice.

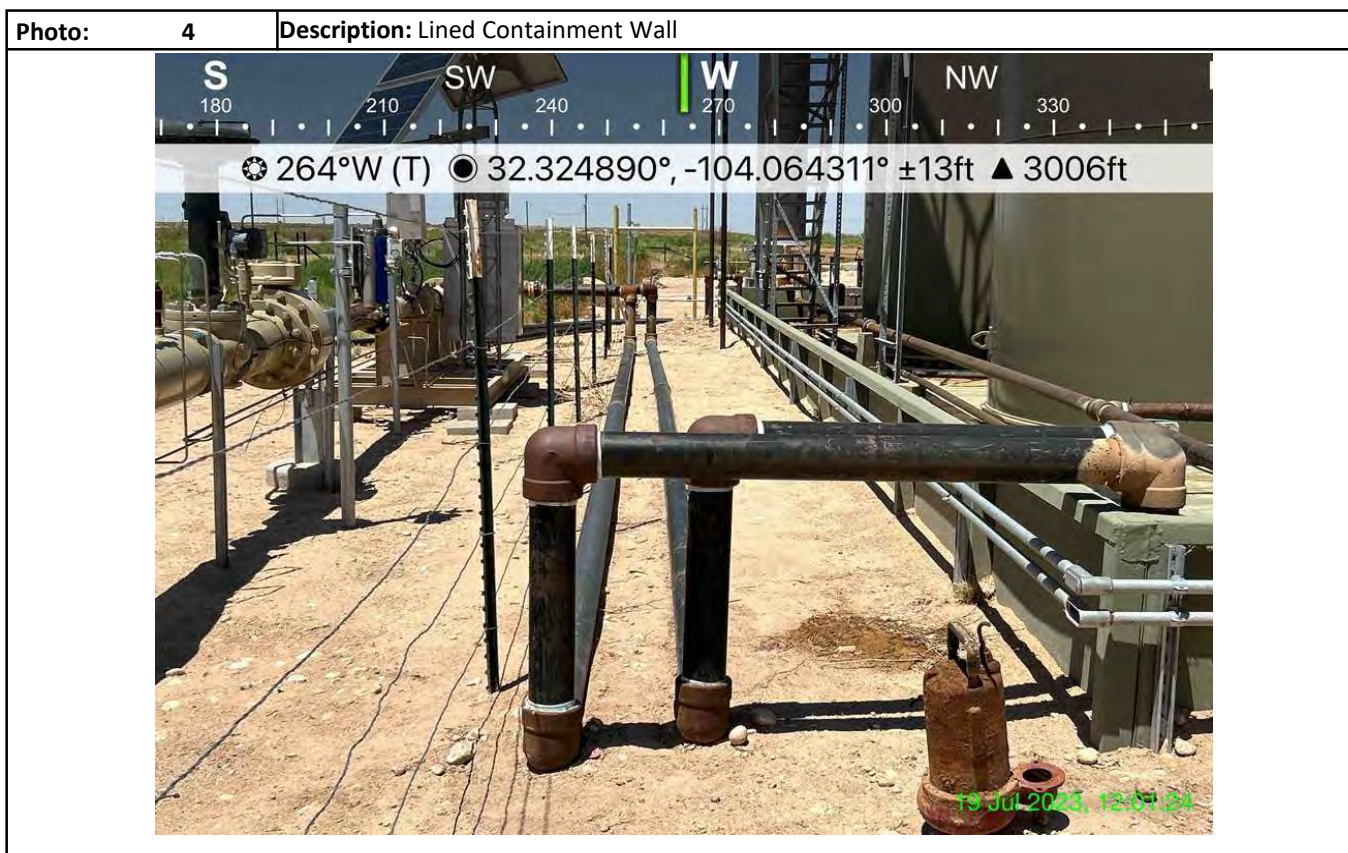
Daniel Dominguez  
Environmental Manager  
Hungry Horse, LLC  
(mobile) 575-408-3134  
[ddominguez@hungry-horse.com](mailto:ddominguez@hungry-horse.com)

## **Attachment III Site Photographs**

## Photographs



## Photographs



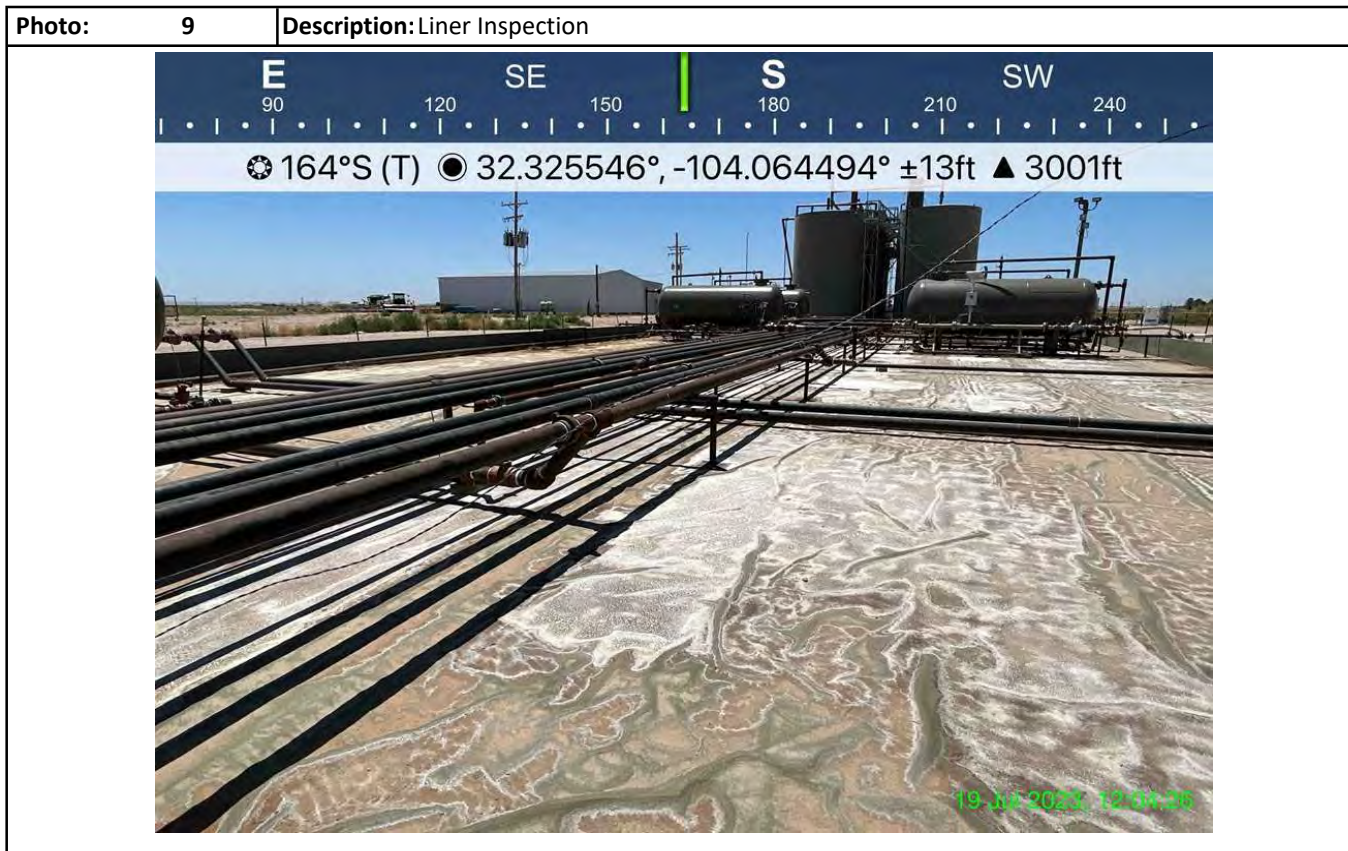
## Photographs



## Photographs



## Photographs



## Photographs



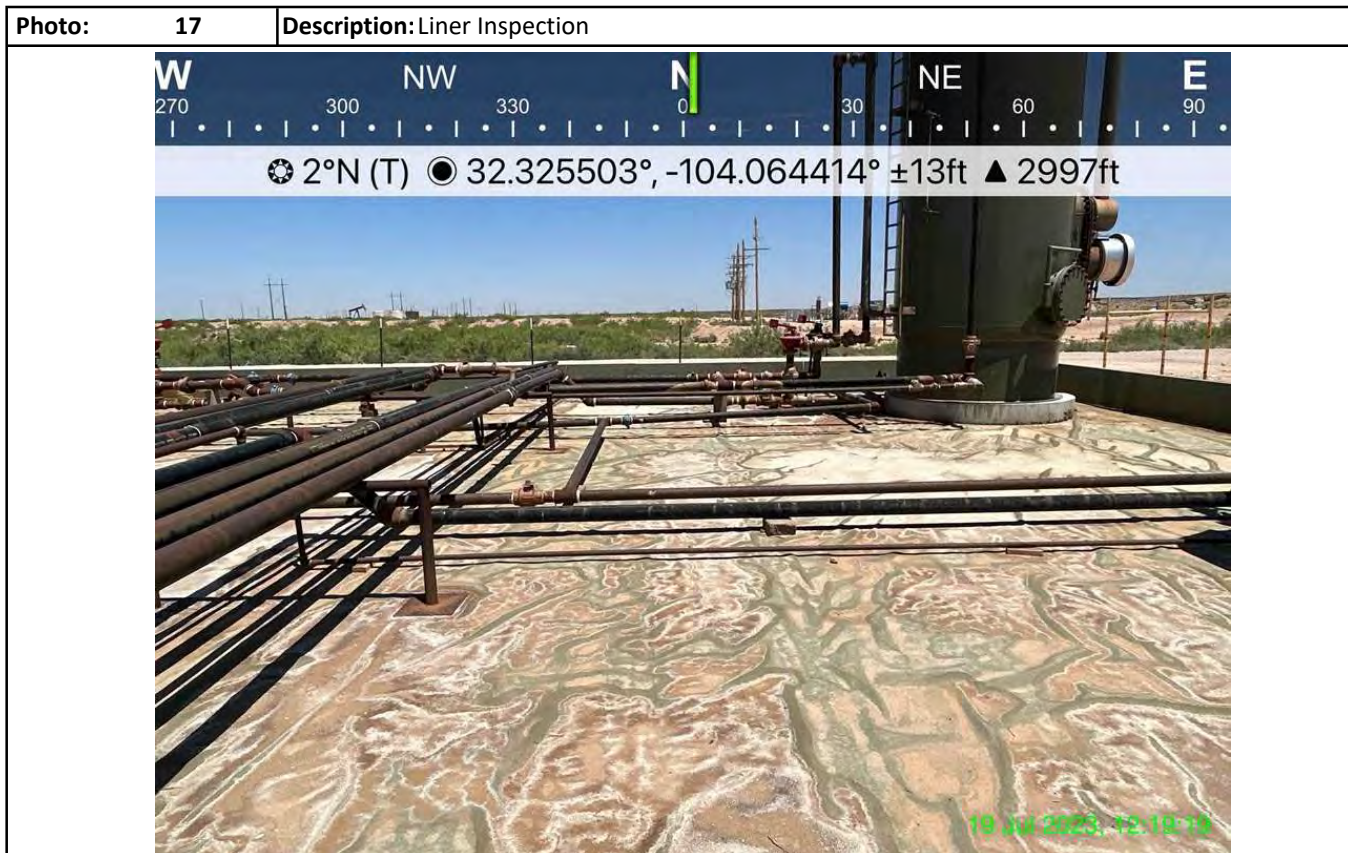
## Photographs



## Photographs



## Photographs



## **Attachment IV**

### **Depth to Groundwater**



## 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

(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				q q q																		Licen
POD Number	Code	Subbasin	County	Source	64	16	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	Numb				
<a href="#">C 00512</a>		CUB	ED	Shallow	4	1	1		23S	28E	588188	3576775	148	05/04/1975	05/20/1975	05/11/1976	175	15	BRININSTOOL, M.D.	24				
<a href="#">C 00512 EXPL</a>	O	CUB	ED	Shallow				1	11	23S	28E	588272	3576703*	258	07/12/1971	07/17/1971	10/15/1971	200	16	BRININSTOOL, M.D.	24			
<a href="#">C 04216 POD2</a>		CUB	ED	Shallow	1	4	1	11	23S	28E	588465	3576555	500	04/04/2018	04/04/2018	04/18/2018	20	10	ATKINS, JACKIE D.	1249				
<a href="#">C 04216 POD3</a>		CUB	ED	Shallow	1	4	1	11	23S	28E	588501	3576556	530	04/04/2018	04/04/2018	04/18/2018	23	13	ATKINS, JACKIE D.	1249				
<a href="#">C 04216 POD1</a>		CUB	ED	Shallow	2	4	1	11	23S	28E	588488	3576534	531	04/04/2018	04/04/2018	04/18/2018	20	10	ATKINS, JACKIE D.	1249				
<a href="#">C 04216 POD4</a>		CUB	ED	Shallow	2	4	1	11	23S	28E	588499	3576513	553	04/04/2018	04/04/2018	04/18/2018	20	10	ATKINS, JACKIE D.	1249				

**Record Count:** 6

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 588058.49

**Northing (Y):** 3576847.98

**Radius:** 805

\*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 particular purpose of the data.


7/26/23 9:31 AM

WELLS WITH WELL LOG INFORMATION



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 00315	3	1	3	11	23S	28E	587973	3575995* 
<hr/>									
Driller License:		Driller Company:							
Driller Name:	J.F. KIMMELL								
Drill Start Date:	06/16/1952	Drill Finish Date:				06/20/1952		Plug Date:	
Log File Date:	01/06/1953	PCW Rcv Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:	16.00	Depth Well:				100 feet		Depth Water:	45 feet

\*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.

7/26/23 11:10 AM

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	00512 S	4	1	1	11	23S	28E	588167	3576806*

<b>Driller License:</b>	<b>Driller Company:</b>		
<b>Driller Name:</b>	KIMMELL		
<b>Drill Start Date:</b>	12/31/1946	<b>Drill Finish Date:</b>	12/31/1946
<b>Log File Date:</b>		<b>PCW Rcv Date:</b>	10/22/1976
<b>Pump Type:</b>	TURBIN	<b>Pipe Discharge Size:</b>	3"
<b>Casing Size:</b>	16.00	<b>Depth Well:</b>	100 feet
		<b>Plug Date:</b>	
		<b>Source:</b>	Shallow
		<b>Estimated Yield:</b>	
		<b>Depth Water:</b>	

\*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.

7/26/23 10:57 AM

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	00512	4	1	1	11	23S	28E	588188	3576775

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

**Driller Name:** BRININSTOOL, M.D.

<b>Drill Start Date:</b> 05/04/1975	<b>Drill Finish Date:</b> 05/20/1975	<b>Plug Date:</b>
<b>Log File Date:</b> 05/11/1976	<b>PCW Rev Date:</b> 10/22/1976	<b>Source:</b> Shallow
<b>Pump Type:</b> TURBIN	<b>Pipe Discharge Size:</b> 4"	<b>Estimated Yield:</b> 300 GPM
<b>Casing Size:</b> 16.00	<b>Depth Well:</b> 175 feet	<b>Depth Water:</b> 15 feet

Water Bearing Stratifications:	Top	Bottom	Description
	15	28	Shallow Alluvium/Basin Fill

Casing Perforations:	Top	Bottom
	15	90

<b>Meter Number:</b> 5520	<b>Meter Make:</b> MCCROMETER
<b>Meter Serial Number:</b> 02-4-1040	<b>Meter Multiplier:</b> 100.0000
<b>Number of Dials:</b> 6	<b>Meter Type:</b> Diversion
<b>Unit of Measure:</b> Gallons	<b>Return Flow Percent:</b>
<b>Usage Multiplier:</b>	<b>Reading Frequency:</b>

### Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
03/27/2002	2002	0	A	tw		0
05/07/2002	2002	391	A	tw		0.120
06/12/2002	2002	1914	A	tw		0.467
09/03/2002	2002	3920	A	tw		0.616
01/13/2003	2002	4253	A	tw		0.102
04/02/2003	2003	4451	A	tw		0.061
06/04/2003	2003	4729	A	tw		0.085
08/02/2003	2003	4932	A	tw		0.062
10/27/2003	2003	4932	A	tw		0
01/07/2004	2003	4932	A	tw		0
04/27/2004	2004	4932	A	tw		0
07/15/2004	2004	5085	A	tw		0.047
10/20/2004	2004	649	R	tw	Meter Rollover	305.527
01/03/2005	2004	649	A	tw		0
03/01/2005	2005	649	A	tw		0
07/06/2005	2005	675	A	tw		0.008
10/19/2005	2005	675	A	tw		0
01/05/2006	2005	675	A	tw		0
04/06/2006	2006	676	A	tw		0
07/06/2006	2006	676	A	tw		0

01/09/2007	2007	676	A	tw	0
01/03/2008	2007	55046	A	tw	16.686
04/24/2008	2008	85512	A	tw	9.350
07/17/2008	2008	98411	A	tw	3.959
10/02/2008	2008	103913	A	tw	1.689
01/15/2009	2008	104404	A	tw	0.151
04/22/2009	2009	123664	A	tw	5.911
08/04/2009	2009	142056	A	tw	5.644
01/06/2010	2009	160768	A	tw	5.743
06/02/2010	2010	160899	A	tw	0.040
01/12/2011	2010	160899	A	tw	0
01/23/2012	2011	170841	A	tw	3.051
03/12/2012	2012	170841	A	tw	0
07/24/2012	2012	171317	A	tw	0.146
02/13/2013	2012	171504	A	tw	0.057
11/05/2013	2013	172273	A	tw	0.236
07/22/2014	2014	172369	A	tw	0.029
02/24/2016	2015	172706	A	tw	0.103
08/11/2016	2016	178853	A	tw	1.886
12/27/2016	2016	172959	C	tw	Meter Reading Correction -1.809
07/18/2017	2017	173150	A	tw	0.059
01/08/2018	2017	173271	A	tw	0.037

x **YTD Meter Amounts:			Year	Amount
			2002	1.305
			2003	0.208
			2004	305.574
			2005	0.008
			2006	0
			2007	16.686
			2008	15.149
			2009	17.298
			2010	0.040
			2011	3.051
			2012	0.203
			2013	0.236
			2014	0.029
			2015	0.103
			2016	0.077
			2017	0.096

<b>Meter Number:</b>	15518	<b>Meter Make:</b>	MASTER
<b>Meter Serial Number:</b>	2680127	<b>Meter Multiplier:</b>	100.0000
<b>Number of Dials:</b>	6	<b>Meter Type:</b>	Diversion
<b>Unit of Measure:</b>	Gallons	<b>Return Flow Percent:</b>	
<b>Usage Multiplier:</b>		<b>Reading Frequency:</b>	

x  
-----  
Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
02/02/2012	2012	17	A	RPT		0

<b>**YTD Meter Amounts:</b>		<b>Year</b>	<b>Amount</b>
		2012	0.791

7/26/23 10:56 AM POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Water Right Summary



WR File Number: C 00608

Subbasin: C

Cross Reference: -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: CAN CANCELLED

Total Acres:

Subfile: -


Header: -

Total Diversion: 0


Cause/Case: -

Owner: JOSE AREVALO

### Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/ To	Acres	Diversion	Consumptive
			1	2					
 <a href="#">get images</a>	<a href="#">196134</a>	<a href="#">72121</a>	<a href="#">1954-11-24</a>	CAN	FIN	C 00608	T		3

### Current Points of Diversion

(NAD83 UTM in meters)											
POD Number	Well Tag	Source	Q							Other Location Desc	
			64	Q16	Q4	Sec	Tw	Rng	X		Y
C 00608			3	3	1	11	23S	28E	587970	3576401*	

\*An (\*) after northing value indicates 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.

7/26/23 11:03 AM

WATER RIGHT SUMMARY




# New Mexico Office of the State Engineer

## Water Right Summary



[get image list](#)

**WR File Number:** C 04121      **Subbasin:** C      **Cross Reference:** -  
**Primary Purpose:** SAN 72-12-1 SANITARY IN CONJUNCTION WITH A COMMERCIAL USE  
**Primary Status:** PMT PERMIT  
**Total Acres:**      **Subfile:** -      **Header:** -  
**Total Diversion:** 1      **Cause/Case:** -  
**Owner:** CENTURION PIPELINE LTD PRTRSH  
**Contact:** LINDA K GULLY

### Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/ To	Acres	Diversion	Consumptive
			1	2					
	<a href="#">610829</a>	<a href="#">72121</a>	<a href="#">2017-07-28</a>	PMT	APR	C 04121 POD1	T		1

### Current Points of Diversion

Point Points of Diversion											
POD Number	Well Tag	Source	Q					(NAD83 UTM in meters)		Other Location Desc	
			64	Q16	Q4	Sec	Tw	Rng	X		Y
<a href="#">C 04121 POD1</a>	NA		1	3	3	12	23	S 28E	589536	3575898	 410 POTASH MINES RD, LOVING, NM

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.


7/26/23 11:08 AM

WATER RIGHT 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		
NA	C 04216 POD3	1	4	1	11	23S	28E	588501	3576556		
Driller License: 1249		Driller Company:				ATKINS ENGINEERING ASSOC. INC.					
Driller Name:		ATKINS, JACKIE D.									
Drill Start Date: 04/04/2018		Drill Finish Date:				04/04/2018		Plug Date:			
Log File Date: 04/18/2018		PCW Rcv Date:							Source: Shallow		
Pump Type:		Pipe Discharge Size:				Estimated Yield:					
Casing Size: 2.00		Depth Well:				23 feet		Depth Water: 13 feet			
Water Bearing Stratifications:				Top	Bottom	Description					
				10	23	Sandstone/Gravel/Conglomerate					

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.


7/26/23 11:02 AM

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)			
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
NA	C 04216 POD4	2	4	1	11	23S	28E	588499	3576513 

---

**Driller License:** 1249      **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

**Driller Name:** ATKINS, JACKIE D.

**Drill Start Date:** 04/04/2018      **Drill Finish Date:** 04/04/2018      **Plug Date:**

**Log File Date:** 04/18/2018      **PCW Rev Date:**      **Source:** Shallow

**Pump Type:**      **Pipe Discharge Size:**      **Estimated Yield:**

**Casing Size:** 2.00      **Depth Well:** 20 feet      **Depth Water:** 10 feet

---

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	9	20	Sandstone/Gravel/Conglomerate

---

<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	5	20

---

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.


7/26/23 11:03 AM

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		
NA	C 04418 POD1	4	2	1	12	23S	28E	590104	3576851		
<hr/>											
Driller License: 1789		Driller Company:				HRL COMPLIANCE SOLUTIONS, INC					
Driller Name:		MARK MUMBY									
Drill Start Date: 03/31/2020		Drill Finish Date:				03/31/2020		Plug Date:		04/03/2020	
Log File Date: 05/26/2020		PCW Rev Date:						Source:			
Pump Type:		Pipe Discharge Size:						Estimated Yield:		0 GPM	
Casing Size: 2.00		Depth Well:				55 feet		Depth Water:			
<hr/>											
		Casing Perforations:			Top	Bottom					
					0	45					
					45	55					

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.

7/26/23 11:09 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Water Right Summary

**WR File Number:** SD 01094      **Subbasin:** CUB      **Cross Reference:** -  
**Primary Purpose:** IND INDUSTRIAL  
**Primary Status:** DCL DECLARATION  
**Total Acres:** 127.2      **Subfile:** -      **Header:** -  
**Total Diversion:** 381.6      **Cause/Case:** -  
**Owner:** UNITED STATES POTASH COMPANY (NSL) A CORP.

### Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/ To	Acres	Diversion	Consumptive
			1	2					
<a href="#">294347</a>	DCL	<a href="#">1947-07-18</a>	DCL	PRC	SD 01094	T	127.2	381.6	

### Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q	64Q16Q4Sec	Tws	Rng	X	Y	Other Location Desc
<a href="#">SD 01094</a>			Q	64Q16Q4Sec	Tws	Rng	588668	3577916*	
				02	23S	28E			

\*An (\*) after northing value indicates UTM location was derived from PLSS - see Help

### Priority Summary

Priority	Status	Acres	Diversion	Pod Number
03/26/1883	DCL	127.2	381.6	<a href="#">SD 01094</a>

### Place of Use

Q	Q	256	64	Q16	Q4Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
		2	2	24	23S	28E		0	0		IND	03/26/1883	DCL	
		3	3	17	23S	29E		0	0		IND	03/26/1883	DCL	
		4	4	18	23S	29E		0	0		IND	03/26/1883	DCL	
2	1	3	2	30	23S	29E		0	0		IND	03/26/1883	DCL	
3	4	4	4	13	23S	28E		127.2	381.6		IND	03/26/1883	DCL	

### Source

Acres	Diversion	CU	Use	Priority	Source	Description
127.2	381.6		IND	03/26/1883	SW	SURFACE

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.

7/26/23 11:11 AM

WATER RIGHT SUMMARY



# New Mexico Office of the State Engineer

## Water Right Summary




[get image list](#)

**WR File Number:** SP 00302      **Subbasin:** CUB      **Cross Reference:** -  
**Primary Purpose:** IND INDUSTRIAL  
**Primary Status:** LIC LICENSED  
**Total Acres:** 0      **Subfile:** -      **Header:** -  
**Total Diversion:** 4639.5      **Cause/Case:** -  
**Owner:** INTREPID MINING NM LLC US BANK NATIONAL ASSOCIATION  
**Contact:** THOMAS MCGUIRE

### Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/ To	Acres	Diversion	Consumptive
			1	2					
	<a href="#">310668</a>	<a href="#">COWNF</a>	<a href="#">2004-05-11</a>	CHG	PRC	SP 00302	T	0	0
	<a href="#">307875</a>	<a href="#">COWNF</a>	<a href="#">1974-12-30</a>	CHG	PRC	SP 00302	T	0	0
	<a href="#">307874</a>	<a href="#">COWNF</a>	<a href="#">1969-08-14</a>	CHG	PRC	SP 00302	T	0	0
	<a href="#">307870</a>	<a href="#">COWNF</a>	<a href="#">1968-08-12</a>	CHG	PRC	SP 00302	T	0	0
	<a href="#">307853</a>	<a href="#">LIC</a>	<a href="#">1958-10-07</a>	LIC	PRC	SP 00302	T	0	4639.5
	<a href="#">307844</a>	<a href="#">LIC</a>	<a href="#">1956-06-04</a>	LIC	PRC	SP 00302	T	0	4358.25

### Current Points of Diversion

(NAD83 UTM in meters)											
POD Number	Well Tag	Source	Q						X	Y	Other Location Desc
			64	Q16	Q4	Sec	Tws	Rng			
<a href="#">C 01217</a>		Shallow	4	1	3	13	23S	28E	589789	3574371	
<a href="#">SP 00302</a>				1	4	11	23S	28E	588886	3576107*	

\*An (\*) after northing value indicates UTM location was derived from PLSS - see Help

### Priority Summary

Priority	Status	Acres	Diversion	Pod Number	Shallow
03/26/1883	LIC	0	4639.5	<a href="#">C 01217</a>	
				<a href="#">SP 00302</a>	

### Place of Use

Q	Q	256	64	Q16	Q4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
							17	23S 28E	0	0		IND	03/26/1883	LIC	
							2	13 23S 28E	0	4639.5		IND	03/26/1883	LIC	

### Source

Acres	Diversion	CU	Use	Priority	Source Description
0	4639.5		IND	03/26/1883	SW

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.


7/26/23 11:07 AM

 WATER RIGHT  
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)	
POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
SP 01955				11	23S	28E	588680	3576294* 

x

River Name:

Ditch Name:

Start Date:

Source:

Surface

Finish Date:

\*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 Water Information System: Web Interface


USGS Water Resources

Data Category:  
Groundwater

Geographic Area:  
United States

GO

Click to hideNews Bulletins

- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs  
site\_no list =

- 321911104035001

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

USGS 321911104035001 23S.28E.11.311111

Eddy County, New Mexico  
Latitude 32°19'11", Longitude 104°03'50" NAD27  
Land-surface elevation 2,990 feet above NAVD88  
The depth of the well is 95 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

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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
1947-02-07			D	62610	2972.73	NGVD29	1	Z		
1947-02-07			D	62611	2974.30	NAVD88	1	Z		
1947-02-07			D	72019	15.70		1	Z		

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	Z	Other.
Measuring agency		Not determined

Section	Code	Description
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions or Comments](#)  
[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: 2023-07-26 13:23:52 EDT  
0.28 0.25 nadww01



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 hideNews Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

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

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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 measur
1947-02-07			D 62610		2973.73	NGVD29	1	Z		
1947-02-07			D 62611		2975.30	NAVD88	1	Z		
1947-02-07			D 72019	15.70			1	Z		
1947-09-24			D 62610		2960.82	NGVD29	P	Z		
1947-09-24			D 62611		2962.39	NAVD88	P	Z		
1947-09-24			D 72019	28.61			P	Z		
1948-01-13			D 62610		2960.13	NGVD29	P	Z		
1948-01-13			D 62611		2961.70	NAVD88	P	Z		
1948-01-13			D 72019	29.30			P	Z		
1949-01-29			D 62610		2973.38	NGVD29	1	Z		
1949-01-29			D 62611		2974.95	NAVD88	1	Z		
1949-01-29			D 72019	16.05			1	Z		
1950-01-19			D 62610		2977.81	NGVD29	1	Z		
1950-01-19			D 62611		2979.38	NAVD88	1	Z		
1950-01-19			D 72019	11.62			1	Z		
1951-01-17			D 62610		2976.41	NGVD29	1	Z		

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
1951-01-17			D	62611	2977.98	NAVD88	1		Z	
1951-01-17			D	72019	13.02		1		Z	
1952-01-14			D	62610	2973.38	NGVD29	1		Z	
1952-01-14			D	62611	2974.95	NAVD88	1		Z	
1952-01-14			D	72019	16.05		1		Z	
1953-01-24			D	62610	2972.31	NGVD29	1		Z	
1953-01-24			D	62611	2973.88	NAVD88	1		Z	
1953-01-24			D	72019	17.12		1		Z	
1954-01-14			D	62610	2970.07	NGVD29	1		Z	
1954-01-14			D	62611	2971.64	NAVD88	1		Z	
1954-01-14			D	72019	19.36		1		Z	
1955-01-18			D	62610	2974.09	NGVD29	1		Z	
1955-01-18			D	62611	2975.66	NAVD88	1		Z	
1955-01-18			D	72019	15.34		1		Z	
1956-01-11			D	62610	2978.53	NGVD29	1		Z	
1956-01-11			D	62611	2980.10	NAVD88	1		Z	
1956-01-11			D	72019	10.90		1		Z	
1957-01-09			D	62610	2974.15	NGVD29	1		Z	
1957-01-09			D	62611	2975.72	NAVD88	1		Z	
1957-01-09			D	72019	15.28		1		Z	
1958-01-15			D	62610	2974.29	NGVD29	1		Z	
1958-01-15			D	62611	2975.86	NAVD88	1		Z	
1958-01-15			D	72019	15.14		1		Z	
1959-01-08			D	62610	2975.77	NGVD29	1		Z	
1959-01-08			D	62611	2977.34	NAVD88	1		Z	
1959-01-08			D	72019	13.66		1		Z	
1960-01-14			D	62610	2974.73	NGVD29	1		Z	
1960-01-14			D	62611	2976.30	NAVD88	1		Z	
1960-01-14			D	72019	14.70		1		Z	
1961-01-12			D	62610	2976.15	NGVD29	1		Z	
1961-01-12			D	62611	2977.72	NAVD88	1		Z	
1961-01-12			D	72019	13.28		1		Z	
1962-01-16			D	62610	2974.63	NGVD29	1		Z	
1962-01-16			D	62611	2976.20	NAVD88	1		Z	
1962-01-16			D	72019	14.80		1		Z	
1963-01-17			D	62610	2975.43	NGVD29	1		Z	
1963-01-17			D	62611	2977.00	NAVD88	1		Z	
1963-01-17			D	72019	14.00		1		Z	
1964-01-20			D	62610	2973.48	NGVD29	1		Z	
1964-01-20			D	62611	2975.05	NAVD88	1		Z	
1964-01-20			D	72019	15.95		1		Z	
1965-01-19			D	62610	2967.68	NGVD29	1		Z	
1965-01-19			D	62611	2969.25	NAVD88	1		Z	
1965-01-19			D	72019	21.75		1		Z	
1966-01-04			D	62610	2970.19	NGVD29	1		Z	
1966-01-04			D	62611	2971.76	NAVD88	1		Z	
1966-01-04			D	72019	19.24		1		Z	
1967-01-26			D	62610	2973.92	NGVD29	1		Z	
1967-01-26			D	62611	2975.49	NAVD88	1		Z	
1967-01-26			D	72019	15.51		1		Z	

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
1968-01-26			D	62610	2972.76	NGVD29	1		Z	
1968-01-26			D	62611	2974.33	NAVD88	1		Z	
1968-01-26			D	72019	16.67		1		Z	
1969-01-28			D	62610	2971.66	NGVD29	1		Z	
1969-01-28			D	62611	2973.23	NAVD88	1		Z	
1969-01-28			D	72019	17.77		1		Z	
1970-01-22			D	62610	2975.14	NGVD29	1		Z	
1970-01-22			D	62611	2976.71	NAVD88	1		Z	
1970-01-22			D	72019	14.29		1		Z	
1971-01-13			D	62610	2973.33	NGVD29	1		Z	
1971-01-13			D	62611	2974.90	NAVD88	1		Z	
1971-01-13			D	72019	16.10		1		Z	
1972-01-12			D	62610	2968.52	NGVD29	1		Z	
1972-01-12			D	62611	2970.09	NAVD88	1		Z	
1972-01-12			D	72019	20.91		1		Z	
1973-01-12			D	62610	2972.66	NGVD29	1		Z	
1973-01-12			D	62611	2974.23	NAVD88	1		Z	
1973-01-12			D	72019	16.77		1		Z	
1974-01-18			D	62610	2975.74	NGVD29	1		Z	
1974-01-18			D	62611	2977.31	NAVD88	1		Z	
1974-01-18			D	72019	13.69		1		Z	
1975-01-10			D	62610	2976.65	NGVD29	1		Z	
1975-01-10			D	62611	2978.22	NAVD88	1		Z	
1975-01-10			D	72019	12.78		1		Z	
1976-01-14			D	62610	2975.20	NGVD29	1		Z	
1976-01-14			D	62611	2976.77	NAVD88	1		Z	
1976-01-14			D	72019	14.23		1		Z	
1977-01-14			D	62610	2972.40	NGVD29	1		Z	
1977-01-14			D	62611	2973.97	NAVD88	1		Z	
1977-01-14			D	72019	17.03		1		Z	
1978-01-23			D	62610	2970.28	NGVD29	1		Z	
1978-01-23			D	62611	2971.85	NAVD88	1		Z	
1978-01-23			D	72019	19.15		1		Z	
1979-01-18			D	62610	2975.09	NGVD29	1		Z	
1979-01-18			D	62611	2976.66	NAVD88	1		Z	
1979-01-18			D	72019	14.34		1		Z	
1983-01-26			D	62610	2976.40	NGVD29	1		Z	
1983-01-26			D	62611	2977.97	NAVD88	1		Z	
1983-01-26			D	72019	13.03		1		Z	
1988-02-12			D	62610	2973.85	NGVD29	1		Z	
1988-02-12			D	62611	2975.42	NAVD88	1		Z	
1988-02-12			D	72019	15.58		1		Z	
1988-03-17			D	62610	2973.45	NGVD29	1		Z	
1988-03-17			D	62611	2975.02	NAVD88	1		Z	
1988-03-17			D	72019	15.98		1		Z	
1993-02-03			D	62610	2972.12	NGVD29	1		S	
1993-02-03			D	62611	2973.69	NAVD88	1		S	
1993-02-03			D	72019	17.31		1		S	
1995-07-19			D	62610	2971.03	NGVD29	1		S	
1995-07-19			D	62611	2972.60	NAVD88	1		S	

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
1995-07-19		D	72019	18.40			1	S		
1996-01-25		D	62610		2971.67	NGVD29	1	S		
1996-01-25		D	62611		2973.24	NAVD88	1	S		
1996-01-25		D	72019	17.76			1	S		
2003-01-27		D	62610		2969.99	NGVD29	1	S	USGS	
2003-01-27		D	62611		2971.56	NAVD88	1	S	USGS	
2003-01-27		D	72019	19.44			1	S	USGS	

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.

[Questions or Comments](#)  
[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: 2023-07-26 13:20:27 EDT  
0.29 0.25 nadww01

## **Attachment V**

### **Liner Inspection Report**

## Liner Inspection Form



Client BTA Oil Producers, LLC

Site Name Pardue D #2 WI

Lat/Long 32.325028, -104.064426

Release Date 09-Sep-22

Incident Number nAPP2225376858

NMOCD Notified 17-Jul-23

Inspection Date 7/19/23

Observations	Yes	No	Comments
Is the liner present?	X		
Is the liner torn?		X	
Are there visible holes in the liner?		X	
Is the liner retaining any liquids?		X	
Does it appear the liner had the ability to contain the leak?	X		

Type of liner: Earthen with liner Earthen no liner

Metal with Poly Lining

Metal with Spray Epoxy Lining

Other: \_\_\_\_\_

Other concerns or observations: No concerns or observations,  
containment and liner in good shape

Inspector Name Bradley Wells

Inspector Signature

B. Wells

**Attachment VI**  
**NMOCD Form Initial C-141**

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	nAPP2225376858
District RP	
Facility ID	fAPP2201742596
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) nAPP2225376858
Contact mailing address: 104 S. Pecos St., Midland, TX 79701	

### Location of Release Source

Latitude: 32.32464 Longitude: -104.06437

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Pardue D #2 WI	Site Type: Tank Battery
Date Release Discovered: 9/9/2022	API# (if applicable) Nearest well:

Unit Letter	Section	Township	Range	County
D	11	235	28E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Antonio & Gloria Onsurez)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 120 BBL	Volume Recovered (bbls) 120 BBL
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Fittings Failure.

A bull plug on the triplex pump leaked and released 120 BW into the lined containment of the tank battery. Recovered 120 BW with vacuum truck.

Justification for Volume: Reported by field from truck loading, but invoice has not been processed as of this date. Will provide in subsequent inspection report.


State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2225376858
District RP	
Facility ID	fAPP2201742596
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?  The spill volume was greater than 25 BBL, which the NMOCD Rules define as a major release.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by filing a Notice of Release (NOR) on the NMOCD Permitting website on 9/10/2022. The Incident ID listed above was assigned after the NOR was acknowledged by the NMOCD.	

**Initial Response**

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> 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: <b>Bob Hall</b> Title: <b>Environmental Manager</b>	
Signature: <u></u>	Date: <b>9/27/2022</b>
email: <b>bhall@btaoil.com</b> Telephone: <b>432-682-3753</b>	
<b><u>OCD Only</u></b>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>09/27/2022</u>

**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  
  
Action 146663

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 146663
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	9/27/2022

**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  
  
Action 245337

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 245337
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	8/4/2023