

Form C-141

State of New Mexico  
Oil Conservation Division

Page 6

Incident ID	nJXK1613929245
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: Dennis Pender Title: Environmental

Signature: *Dennis Pender* Date: 9-20-2022

email: dpender@gwdc.com Telephone: 432-682-5241 x 141

### OCD Only

Received by: OCD Date: 10/25/2023

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: *Ashley Maxwell* Date: 2/27/2023

Printed Name: Ashley Maxwell Title: Environmental Specialist



## Remediation Summary and Closure Request

**Great Western Drilling Co.**

**South Carter SA Unit #302**

**Lea County, New Mexico**

**Unit Letter "C", Section 8, Township 18 South, Range 39 East**

**Latitude 32.767782 North, Longitude 103.069444 West**

**NMOCD Incident # nJXK1613929245**

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Prepared For:

Great Western Drilling Co.

PO Box 1659

Midland, TX 79701

Prepared By:

Hungry Horse, LLC

4024 Plains Hwy

Lovington, NM 88260

Office: (575) 393-3386

**October 2022**

*Bradley Wells*

Bradley Wells

Project Manager

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*Daniel Dominguez*

Daniel Dominguez

Environmental Manager

ddominguez@hungry-horse.com

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## HUNGRY HORSE, LLC

The following *Remediation Summary 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 C (NE/NW), Section 8, Township 18 South, Range 39 East, approximately 4.5 miles northeast of Hobbs, in Lea County, New Mexico. The property is privately owned. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The historic release occurred on a well pad location, reclaimed prior to Great Western Drilling Co.'s acquisition of the lease; Latitude 32.767782 North, Longitude 103.069444 West. The Initial NMOCD Form C-141 indicated that at Location of Interest Two, identified as South Carter SA Unit #302, a release occurred on an unknown date, with an unknown amount of fluid released, due to an unknown cause. Great Western Drilling Co. investigated the area and submitted the Initial C-141 at the request of the NMOCD. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form C-141 Closure page is included as Attachment V.

### 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 not located in a Karst designated area. Depth to groundwater information is provided as Attachment II and the results are depicted on Figures 2 & 3.

Ten water wells were located within a half mile of the release area; however, only two of the wells have groundwater data less than twenty-five years old. Therefore, only these two wells, L 00873 POD4 and L 04571 S3, were utilized to determine depth to groundwater. However, as this location of interest is historical, the site was delineated according to the strictest NMOCD Closure Criteria. Utilizing this information, the NMOCD Closure Criteria for the site were determined as follows:

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





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**Delineation and Remediation Activities:**

On April 19, 2022, Hungry Horse conducted an initial site assessment, consisting of mapping and photographing the location of interest. On May 3, 2022, Hungry Horse personnel collected composite surface samples from within the location of interest area. These sample locations are identified by SP designation. The soil samples were collected and field screened for the presence of chloride concentrations utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data, two representative composite soil samples were selected for laboratory analysis. Surface soil samples SP1 and SP2 were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

On September 29, 2022, Hungry Horse and Great Western met with NMOCD, via Teams, to discuss this location of interest regarding options to advance the site toward approved closure. NMOCD requested further sampling consisting of soil samples collected at the surface, and one through four feet bgs, from four sample locations, SP1, SP2, SP3, and SP4.

On October 4, 2022, Hungry Horse personnel arrived onsite to conduct requested sampling of the location. Twenty representative soil samples, five from each sample location, were collected, field screened for chlorides via an EC meter, and sent for laboratory analysis. Soil samples collected from the surface through three feet bgs were submitted to the laboratory for analysis of chloride. Soil samples collected at four feet bgs were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

A Delineation Sample Map is provided as Figure 4. Field data is provided as Attachment III. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 1 and Laboratory Analytical Reports are provided as Attachment IV.

**Restoration, Reclamation, and Re-Vegetation:**

Based upon laboratory analytical results from confirmation soil samples, excavation activities are not required at this location of interest. The area will be seeded with an approved seed mixture during the first favorable growing season following these completed remediation activities.

**Closure Request:**

Remediation activities were conducted in accordance with applicable NMOCD Regulations. Laboratory analytical results from confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.



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Based on laboratory analytical results, Great Western Drilling Co. respectfully requests closure of the South Carter Unit #302 location, nJXK1613926245.

**Limitations:**

Hungry Horse, LLC, has prepared this *Remediation Summary 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.



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**Distribution:**

**Great Western Drilling Co**

PO Box 1659

Midland, TX 79701

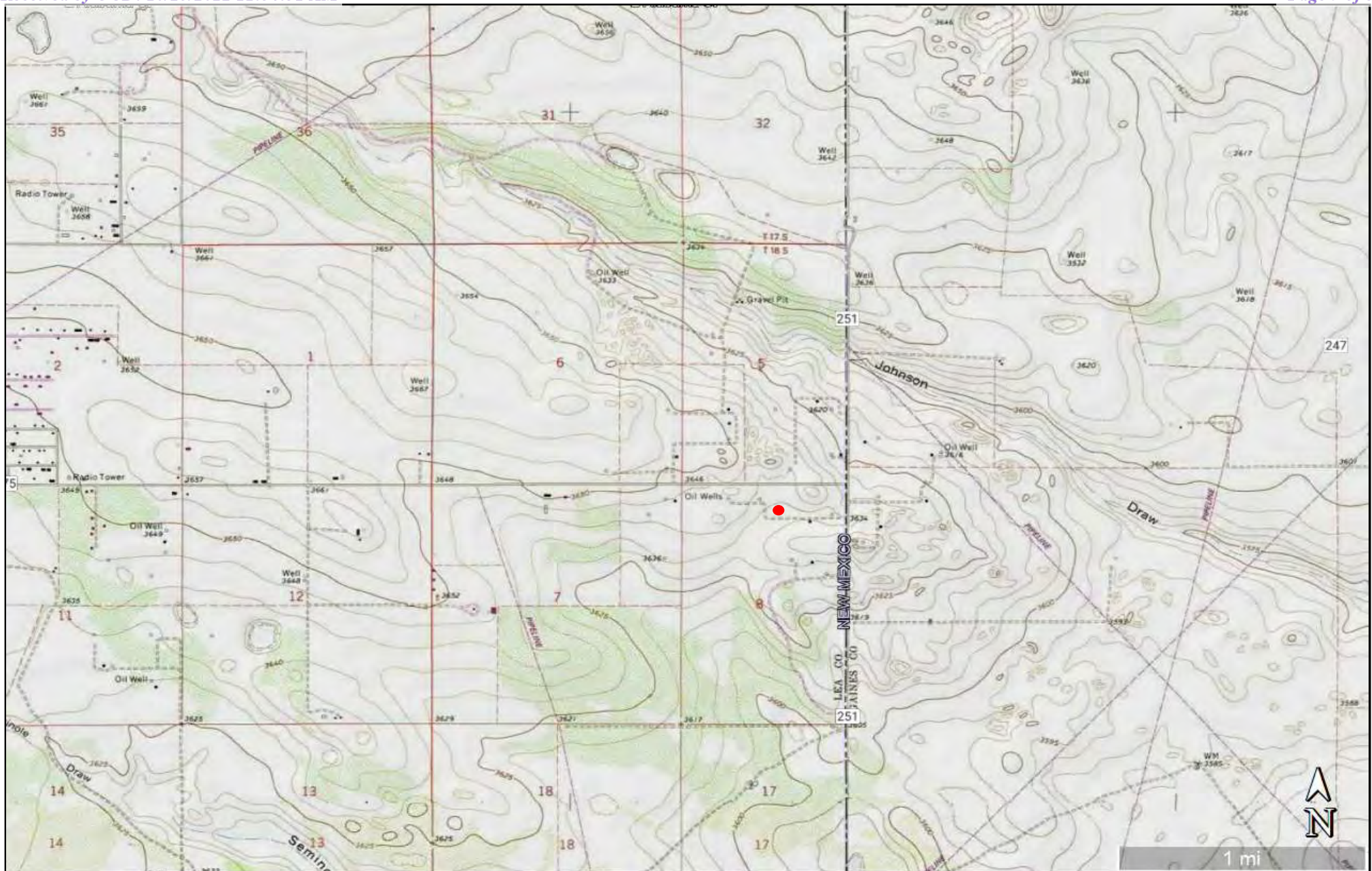
**New Mexico Energy, Minerals and Natural Resources Department**

Oil Conservation Division, District 1

1625 N. French Drive

Hobbs, NM 88240

## **Figures**

**Figure 1**

Topographic Map  
 Great Western Drilling  
 South Carter SA Unit #302  
 GPS: 32.767782, -103.069444  
 Lea County

**Legend:**

- South Carter SA Unit #302 Location

Drafted: dd  
 Checked: bw  
 Date: 5/4/22





**Figure 2**

OSE POD Locations Map  
 Great Western Drilling  
 South Carter SA Unit #302  
 GPS: 32.767782, -103.069444  
 Lea County

**Legend:**

- South Carter SA Unit #302 Location
- Active OSE Water Well
- Plugged OSE Water Well
- Pending OSE Water Well

Drafted: dd  
 Checked: bw  
 Date: 5/4/22





**Figure 3**

USGS Well Locations Map  
Great Western Drilling  
South Carter SA Unit #302  
GPS: 32.767782, -103.069444  
Lea County

**Legend:**

- South Carter SA Unit #302 Location
- USGS Well Location

Drafted: dd  
Checked: bw  
Date: 5/4/22







**Figure 4**

Delineation Sample Map  
Great Western Drilling  
South Carter SA Unit #302  
GPS: 32.767782, -103.069444  
Lea County

**Legend:**

-  Release Area  
 Delineation Sample Location



Drafted: dd  
Checked: bw  
Date: 9/30/22

## **Table**

**TABLE 1**  
**Summary of Soil Sample Laboratory Analytical Results**  
**Great Western Drilling**  
**South Carter SA Unit #302**  
**NMOCD Ref. #: nJXK1613929245**

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
SP1	5/3/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SP2	5/3/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP1	32.767847, -103.069492										
	10/4/22	Surf	In-Situ	-	-	-	-	-	-	-	32.0
	10/4/22	1	In-Situ	-	-	-	-	-	-	-	16.0
	10/4/22	2	In-Situ	-	-	-	-	-	-	-	80.0
	10/4/22	3	In-Situ	-	-	-	-	-	-	-	16.0
	10/4/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP2	32.76783, -103.069374										
	10/4/22	Surf	In-Situ	-	-	-	-	-	-	-	32.0
	10/4/22	1	In-Situ	-	-	-	-	-	-	-	16.0
	10/4/22	2	In-Situ	-	-	-	-	-	-	-	64.0
	10/4/22	3	In-Situ	-	-	-	-	-	-	-	32.0
	10/4/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP3	32.767734, -103.069332										
	10/4/22	Surf	In-Situ	-	-	-	-	-	-	-	16.0
	10/4/22	1	In-Situ	-	-	-	-	-	-	-	16.0
	10/4/22	2	In-Situ	-	-	-	-	-	-	-	16.0
	10/4/22	3	In-Situ	-	-	-	-	-	-	-	16.0
	10/4/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP4	32.767728, -103.069421										
	10/4/22	Surf	In-Situ	-	-	-	-	-	-	-	16.0
	10/4/22	1	In-Situ	-	-	-	-	-	-	-	16.0
	10/4/22	2	In-Situ	-	-	-	-	-	-	-	16.0
	10/4/22	3	In-Situ	-	-	-	-	-	-	-	32.0
	10/4/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
<b>NMOCD Closure Criteria</b>				<b>10</b>	<b>50</b>	-	-	<b>N/A</b>	-	<b>100</b>	<b>600</b>

**NOTES:**

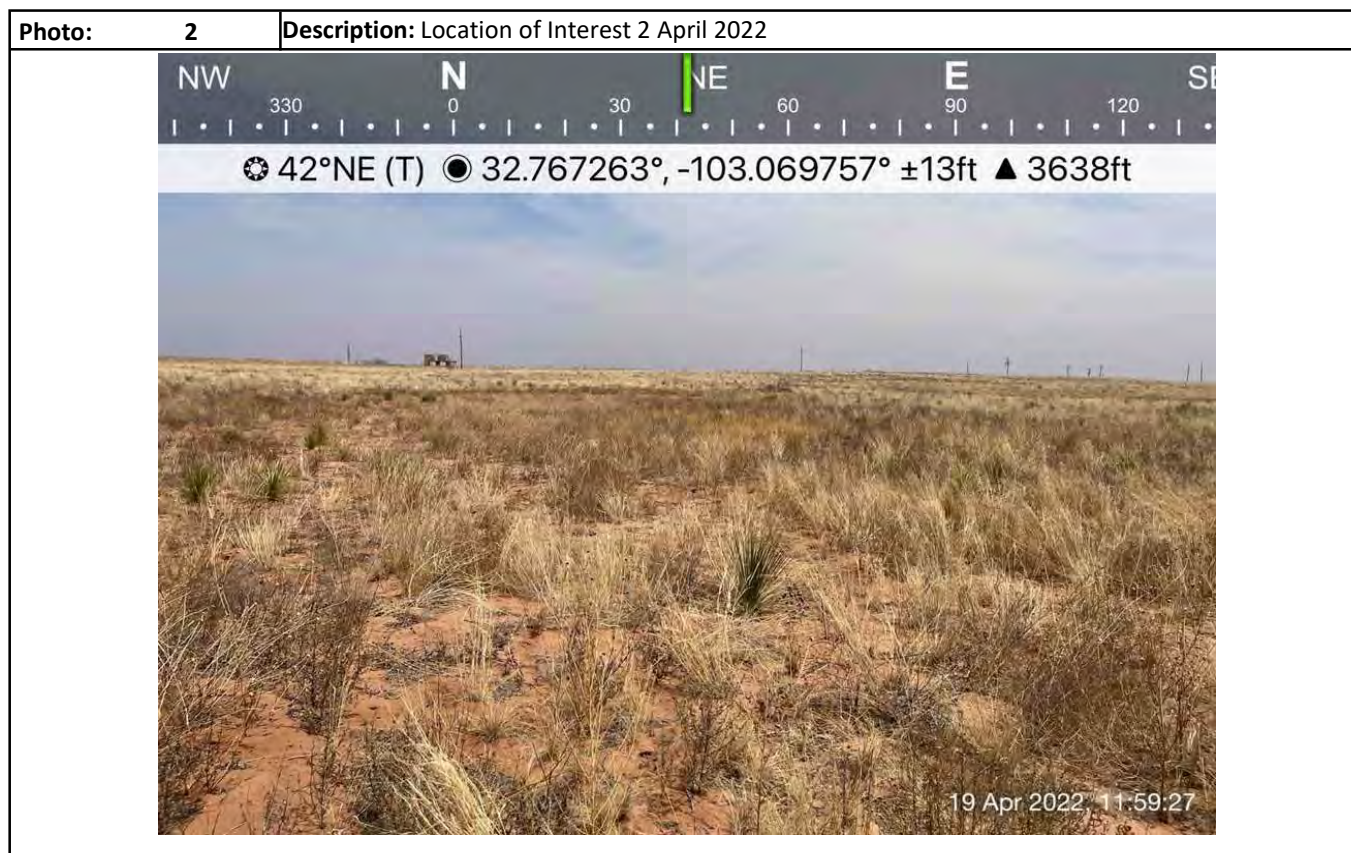
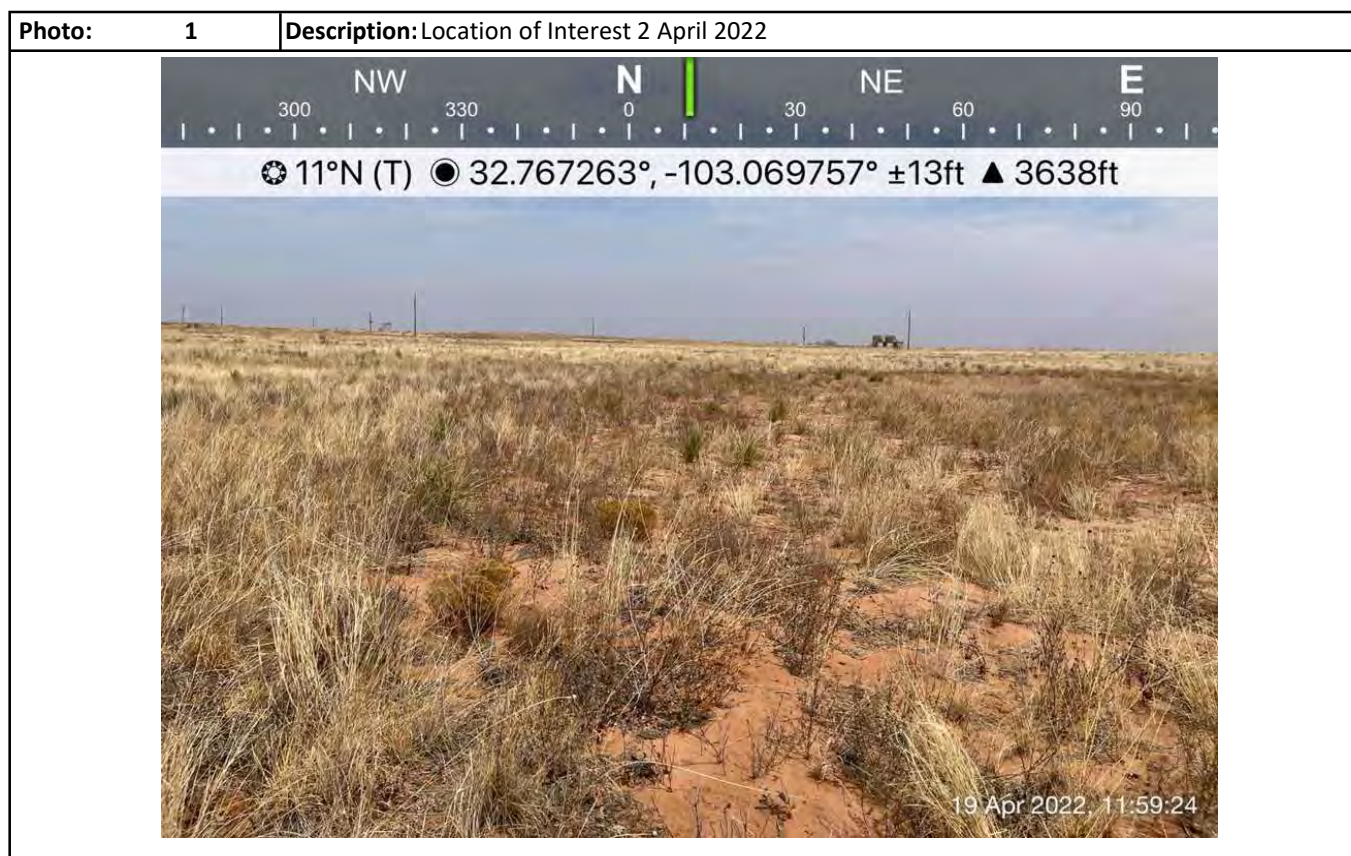
- = Sample not analyzed for that constituent.

**Bold** text denotes a concentration that exceeds the NMOCD Closure Criteria



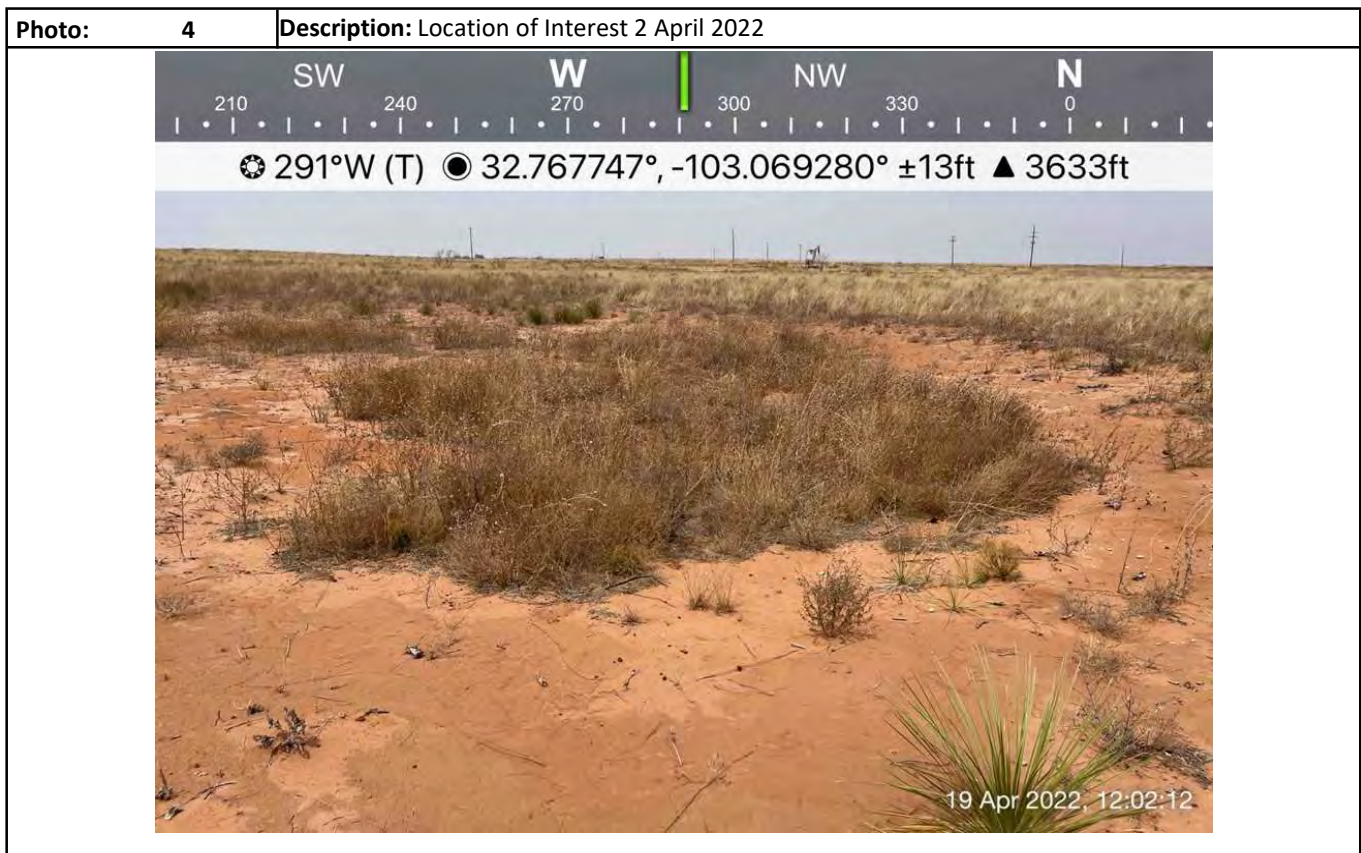
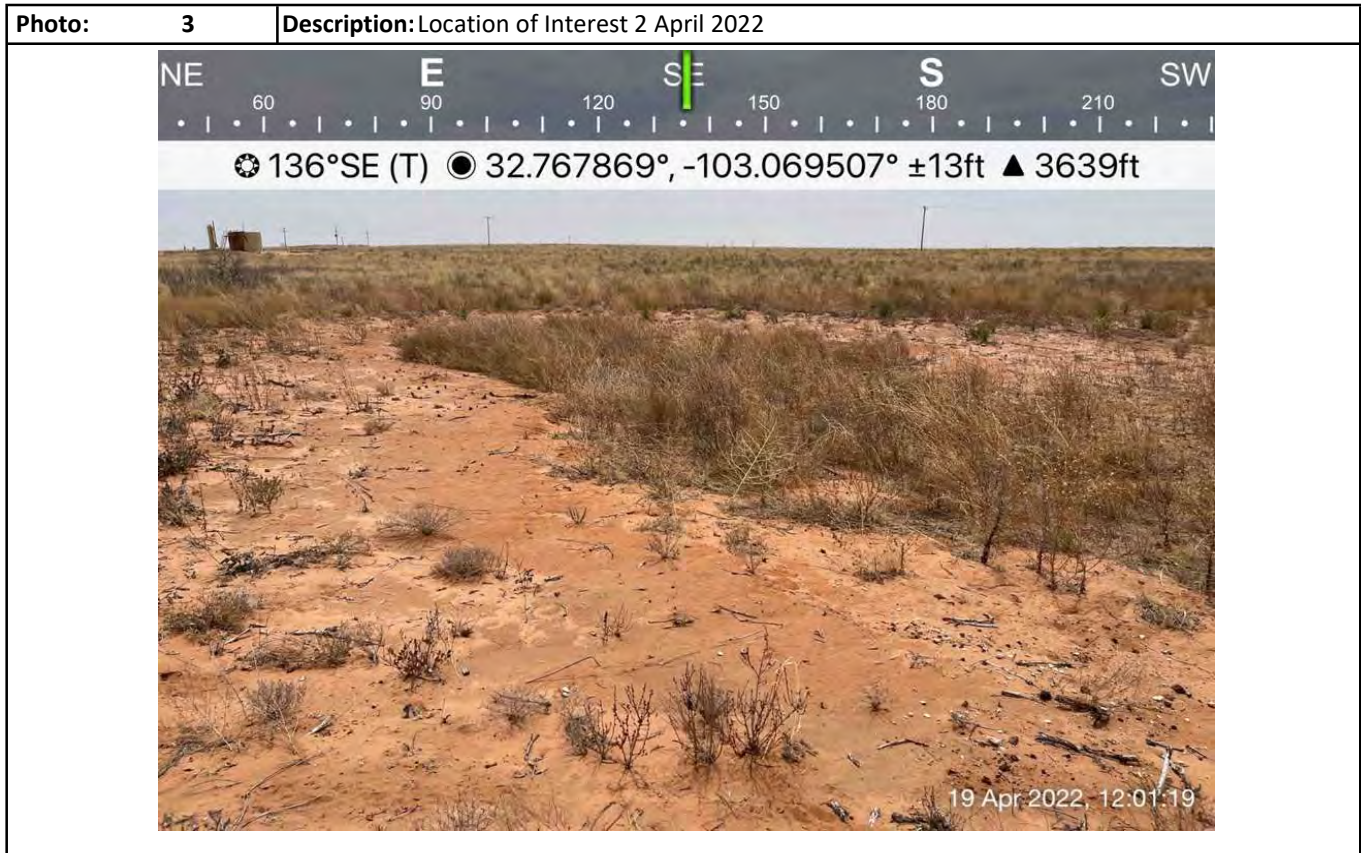
## **Attachment I Site Photographs**

## Photographs



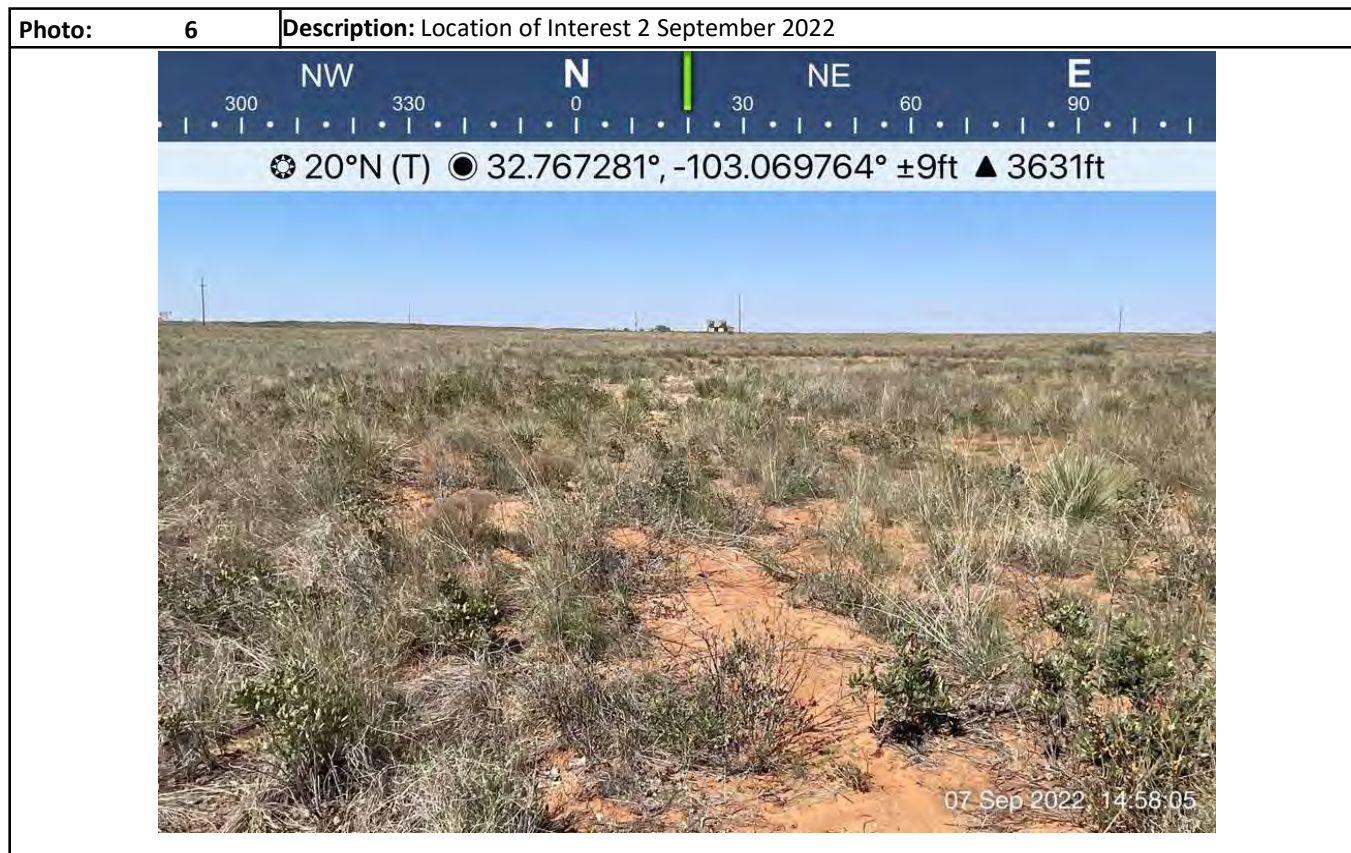
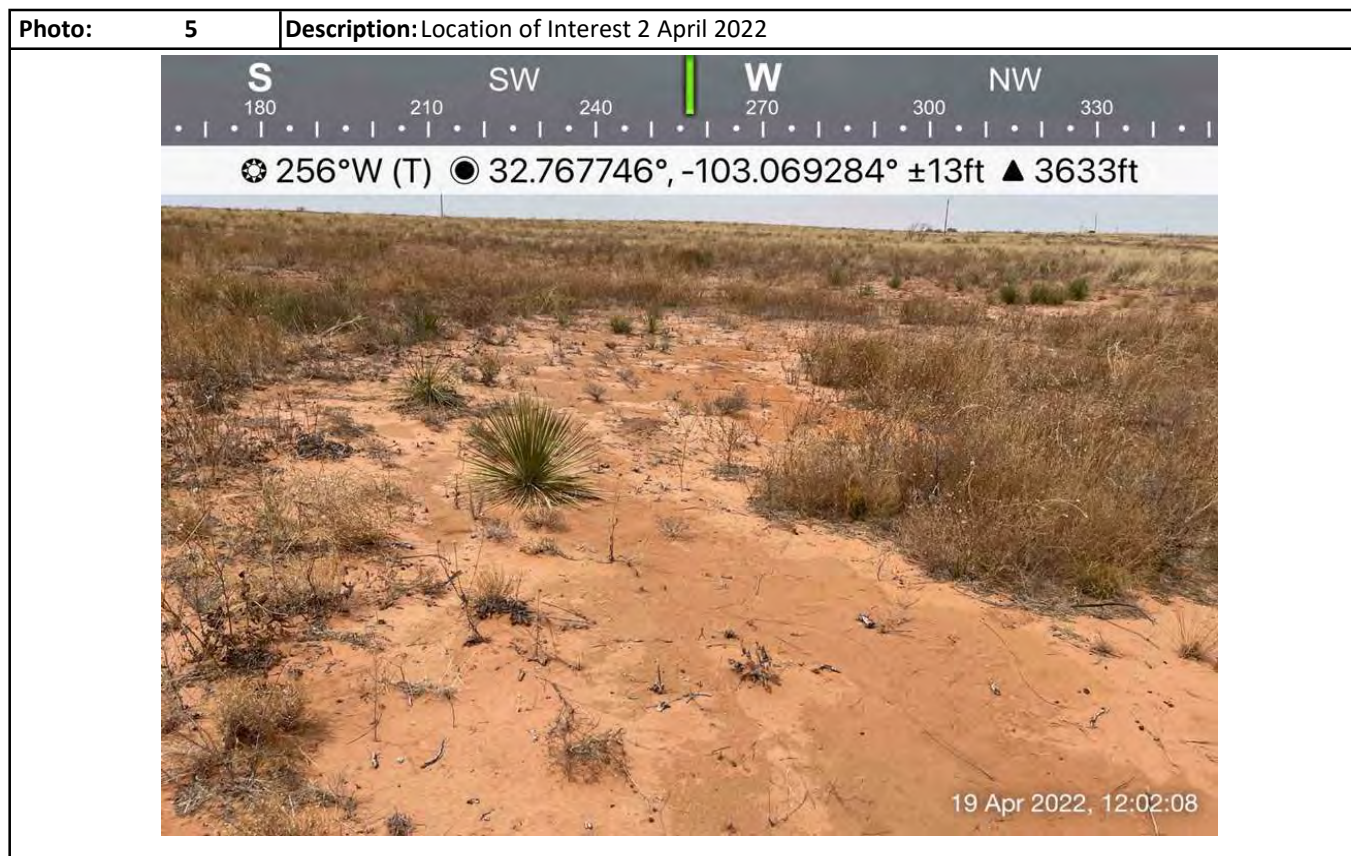


# Photographs



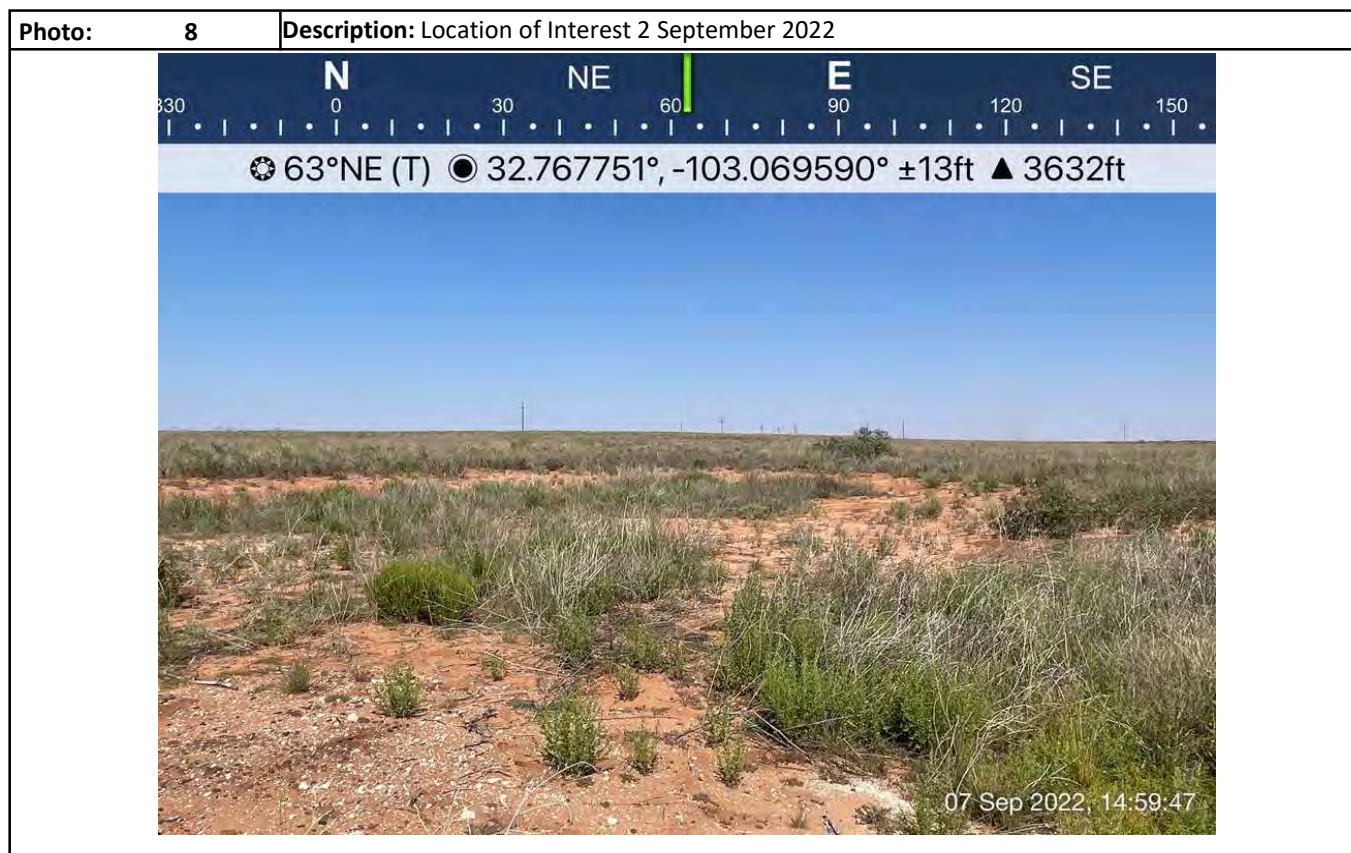
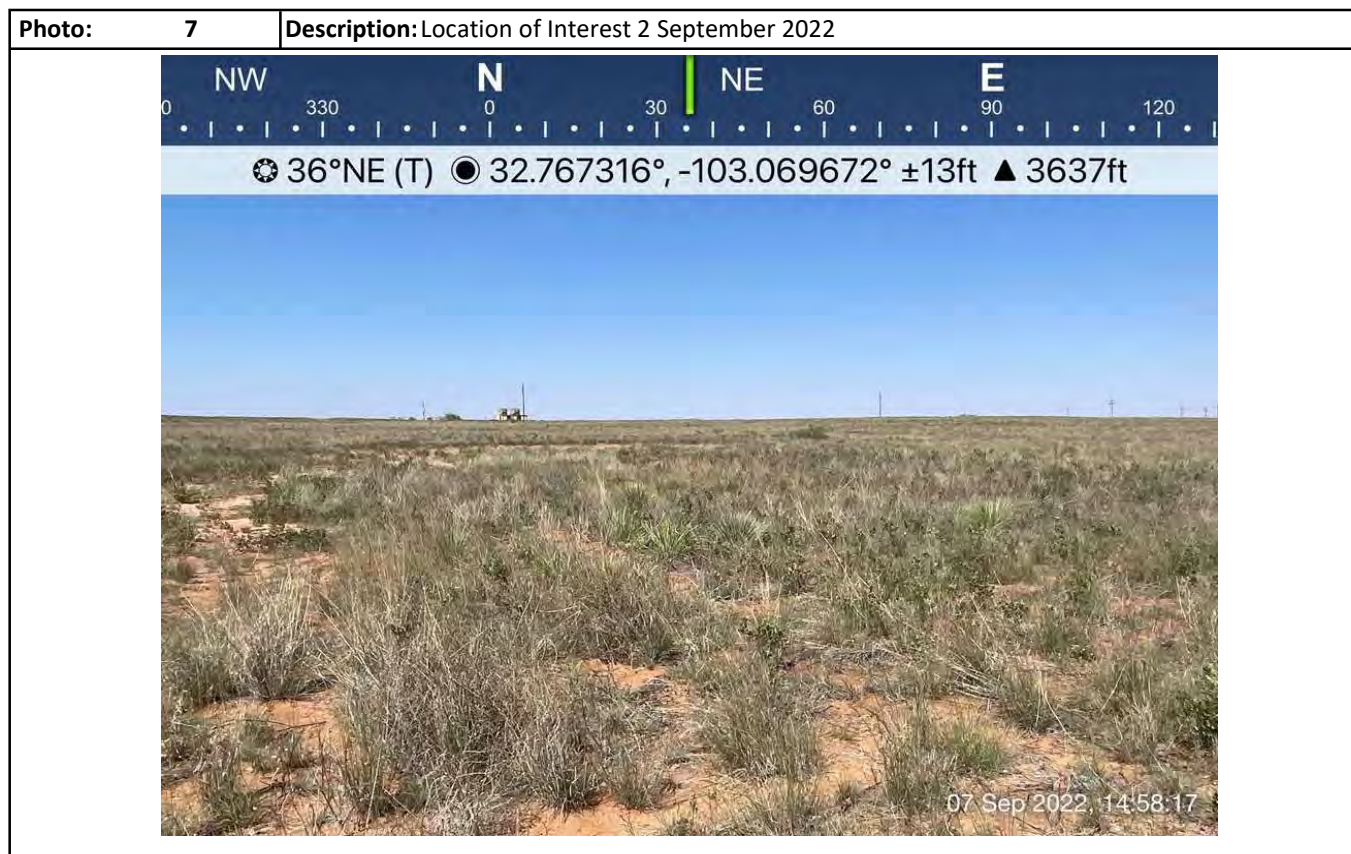


## Photographs





## Photographs





## **Attachment II**

### **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 Number	Code	Subbasin	County	Source	64	16	4	q	q	q	Sec	Tw	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
<a href="#">L_03823</a>		L	LE	Shallow	1	2	1	08	18S	39E				680700	3627250*	50	03/25/1958	03/26/1958	03/26/1958	135	70		46
<a href="#">L_11965 POD1</a>		L	LE	Shallow	1	2	07	18S	39E					680525	3627337	216	09/27/2006	09/27/2006	10/17/2006	201		EADES, ALAN	1044
<a href="#">L_00873 POD4</a>		L	LE	Shallow	3	3	05	18S	39E					680391	3627546*	431	02/23/2000	03/01/2000	04/20/2000	230	110	MARSH, KENNETH R.	586
<a href="#">L_01748</a>		L	LE	Shallow	2	3	1	08	18S	39E				680505	3626840*	502	12/01/1956	12/03/1956	12/18/1956	125	48	FULLINGIM, M.L.	124
<a href="#">L_04526</a>	R	L	LE	Shallow	1	1	3	20	18S	39E				680280	3626939	572	11/08/1960	11/10/1960	01/17/1961	100	60	J E BARTON	14
<a href="#">L_06469</a>		L	LE	Shallow	4	4	4	06	18S	39E				680088	3627438*	665	01/31/1969	02/01/1969	02/04/1969	120	85	MURRELL ABBOTT	46
<a href="#">L_03745</a>		L	LE	Shallow	2	3	05	18S	39E					680786	3627956*	671	12/11/1957	12/12/1957	12/24/1957	133	65	BURKE, EDWARD B.	111
<a href="#">L_04571 S3</a>		L	LE	Shallow	4	2	2	07	18S	39E				680096	3627035*	687	08/02/2002	08/05/2002	08/09/2002	223	120		1498

**Record Count:** 8

### UTM NAD83 Radius Search (in meters):

**Easting (X):** 680735.62

**Northing (Y):** 3627286.3

**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 any particular purpose of the data.


6/7/22 1:17 PM

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)							
		(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>
L	03823	1	2	1	08	18S	39E	680700	3627250* 

---

**Driller License:** 46      **Driller Company:** ABBOTT BROTHERS COMPANY

**Driller Name:**

**Drill Start Date:** 03/25/1958      **Drill Finish Date:** 03/26/1958      **Plug Date:** 03/23/1960

**Log File Date:** 03/26/1958      **PCW Rev Date:**      **Source:** Shallow

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

**Casing Size:** 7.00      **Depth Well:** 135 feet      **Depth Water:** 70 feet

---

**Water Bearing Stratifications:**

Top	Bottom	Description
76	135	Sandstone/Gravel/Conglomerate

---

**Casing Perforations:**

Top	Bottom
65	135

\*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.


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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>
L	11965 POD1	1	2	07	18S	39E	680525	3627337	

---

<b>Driller License:</b>	1044	<b>Driller Company:</b>	EADES WELL DRILLING & PUMP SERVICE	
<b>Driller Name:</b>	EADES, ALAN			
<b>Drill Start Date:</b>	09/27/2006	<b>Drill Finish Date:</b>	09/27/2006	<b>Plug Date:</b>
<b>Log File Date:</b>	10/17/2006	<b>PCW Rev Date:</b>		<b>Source:</b> Shallow
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b>
<b>Casing Size:</b>	5.75	<b>Depth Well:</b>	201 feet	<b>Depth Water:</b>

---

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	133	196	Sandstone/Gravel/Conglomerate
	196	199	Sandstone/Gravel/Conglomerate

---

<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	161	201

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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.

6/1/22 2:50 PM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
L	00873 POD4	3	3	05	18S	39E	680391 3627546*

x

**Driller License:** 586      **Driller Company:** MARSH, KENNETH RAY

**Driller Name:** MARSH, KENNETH R.

<b>Drill Start Date:</b> 02/23/2000	<b>Drill Finish Date:</b> 03/01/2000	<b>Plug Date:</b>
<b>Log File Date:</b> 04/20/2000	<b>PCW Rev Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>
<b>Casing Size:</b> 12.75	<b>Depth Well:</b> 230 feet	<b>Depth Water:</b> 110 feet

x

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	175	182	Sandstone/Gravel/Conglomerate
	188	194	Sandstone/Gravel/Conglomerate
	196	226	Sandstone/Gravel/Conglomerate

x

<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	110	230

x

<b>Meter Number:</b> 19625	<b>Meter Make:</b> MCCROMETER
<b>Meter Serial Number:</b> GP14-10027-4	<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> Quarterly

x

### Meter Readings (in Acre-Feet)

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount Online</b>
04/01/2016	2016	170786	A	dd		0
10/01/2016	2016	225543	A	dd		16.804
04/01/2017	2017	225543	A	dd		0
07/01/2017	2017	240607	A	dd		4.623
01/01/2018	2017	242918	A	dd		0.709
07/03/2018	2018	260135	A	dd		5.284
10/01/2018	2018	260135	A	dd		0
01/01/2019	2018	260135	A	dd		0
04/01/2019	2019	260135	A	dd		0
07/03/2019	2019	287167	A	dd		8.296
01/01/2020	2019	313028	A	dd		7.936
04/01/2020	2020	322366	A	dd		2.866
10/01/2020	2020	337832	A	dd		4.746
01/01/2021	2020	337832	A	dd		0
04/01/2021	2021	337832	A	dd		0

x

<b>**YTD Meter Amounts:</b>	<b>Year</b>	<b>Amount</b>
	2016	16.804



2017	5.332
2018	5.284
2019	16.232
2020	7.612
2021	0

x

\*UTM location was derived from PLSS - see Help

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


6/1/22 2:56 PM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)								(quarters are smallest to largest)		(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y				
	L 01748	2	3	1	08	18S	39E	680505	3626840*				
<hr/>													
Driller License: 124		Driller Company:				FULLINGIM, M.L.							
Driller Name:		FULLINGIM, M.L.											
Drill Start Date: 12/01/1956		Drill Finish Date:				12/03/1956			Plug Date:				
Log File Date: 12/18/1956		PCW Rcv Date:							Source:		Shallow		
Pump Type:		Pipe Discharge Size:							Estimated Yield:				
Casing Size:		Depth Well:				125 feet			Depth Water:		48 feet		
<hr/>													
Water Bearing Stratifications:					Top	Bottom	Description						
					48	63	Shallow Alluvium/Basin Fill						
					87	105	Shallow Alluvium/Basin Fill						

\*UTM location was derived from PLSS - see Help

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6/1/22 2:51 PM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)		(NAD83 UTM in meters)					
<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>
L	04526 POD2	1	1	3	20	18S	39E	680347	3623243 
<hr/>									
<b>Driller License:</b> 1611		<b>Driller Company:</b> GOERTZEN DRILLING							
<b>Driller Name:</b>									
<b>Drill Start Date:</b> 11/03/2008		<b>Drill Finish Date:</b> 11/04/2008				<b>Plug Date:</b>			
<b>Log File Date:</b> 11/14/2008		<b>PCW Rev Date:</b>				<b>Source:</b> Shallow			
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>				<b>Estimated Yield:</b>			
<b>Casing Size:</b> 6.00		<b>Depth Well:</b> 229 feet				<b>Depth Water:</b>			
<hr/>									
		<b>Casing Perforations:</b>		<b>Top</b>	<b>Bottom</b>				
				169	229				
<hr/>									

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.


6/1/22 2:55 PM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	06469	4	4	4	06	18S	39E	680088	3627438* 
<hr/>									
Driller License: 46		Driller Company:				ABBOTT BROTHERS COMPANY			
Driller Name:		MURRELL ABBOTT							
Drill Start Date: 01/31/1969		Drill Finish Date:				02/01/1969		Plug Date:	
Log File Date: 02/04/1969		PCW Rev Date:						Source: Shallow	
Pump Type:		Pipe Discharge Size:						Estimated Yield:	
Casing Size: 5.00		Depth Well:				120 feet		Depth Water: 85 feet	
<hr/>									
Water Bearing Stratifications:					Top	Bottom	Description		
					85	120	Other/Unknown		

\*UTM location was derived from PLSS - see Help

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10/20/22 11:19 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>
L	03745	2	3	05	18S	39E	680786	3627956*	

---

**Driller License:** 111      **Driller Company:** BURKE, EDWARD B.

**Driller Name:** BURKE, EDWARD B.

<b>Drill Start Date:</b>	12/11/1957	<b>Drill Finish Date:</b>	12/12/1957	<b>Plug Date:</b>	01/03/1959
<b>Log File Date:</b>	12/24/1957	<b>PCW Rev Date:</b>		<b>Source:</b>	Shallow
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b>	
<b>Casing Size:</b>	7.00	<b>Depth Well:</b>	133 feet	<b>Depth Water:</b>	65 feet

---

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	88	112	Sandstone/Gravel/Conglomerate
	128	133	Sandstone/Gravel/Conglomerate

---

<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	101	126

---

\*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.

10/20/22 11:21 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>
L	04571 S3	4	2	2	07	18S	39E	680096	3627035* 

---

**Driller License:** 1498      **Driller Company:** ROBINSON DRILLING

**Driller Name:**

**Drill Start Date:** 08/02/2002      **Drill Finish Date:** 08/05/2002      **Plug Date:**

**Log File Date:** 08/09/2002      **PCW Rev Date:** 08/05/2008      **Source:** Shallow

**Pump Type:** SUBMER      **Pipe Discharge Size:**      **Estimated Yield:** 200 GPM

**Casing Size:** 10.75      **Depth Well:** 223 feet      **Depth Water:** 120 feet

---

**Water Bearing Stratifications:**

Top	Bottom	Description
125	162	Sandstone/Gravel/Conglomerate
199	221	Sandstone/Gravel/Conglomerate

---

**Casing Perforations:**

Top	Bottom
123	223

\*UTM location was derived from PLSS - see Help

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National Water Information System: Web Interface

USGS Water Resources

Data Category:  
Groundwater

Geographic Area:  
United States

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Search Results -- 1 sites found

Agency code = usgs  
site\_no list =

- 324601103042101

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

USGS 324601103042101 18S.39E.06.44442

Lea County, New Mexico  
Latitude 32°46'01", Longitude 103°04'21" NAD27  
Land-surface elevation 3,644 feet above NAVD88  
The depth of the well is 120 feet below land surface.  
This well is completed in the High Plains aquifer (N100HGHLN) national aquifer.  
This well is completed in the Ogallala Formation (121OGLL) 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
1980-01-03			D 62610		3548.39	NGVD29	1		Z	
1980-01-03			D 62611		3549.50	NAVD88	1		Z	
1980-01-03			D 72019	94.50			1		Z	
1981-01-06			D 62610		3546.52	NGVD29	1		Z	
1981-01-06			D 62611		3547.63	NAVD88	1		Z	
1981-01-06			D 72019	96.37			1		Z	
1981-10-20			D 62610		3545.31	NGVD29	1		Z	
1981-10-20			D 62611		3546.42	NAVD88	1		Z	
1981-10-20			D 72019	97.58			1		Z	
1982-01-06			D 62610		3544.95	NGVD29	1		Z	
1982-01-06			D 62611		3546.06	NAVD88	1		Z	
1982-01-06			D 72019	97.94			1		Z	
1983-01-04			D 62610		3543.65	NGVD29	1		Z	
1983-01-04			D 62611		3544.76	NAVD88	1		Z	
1983-01-04			D 72019	99.24			1		Z	
1984-01-04			D 62610		3542.64	NGVD29	1		Z	
1984-01-04			D 62611		3543.75	NAVD88	1		Z	
1984-01-04			D 72019	100.25			1		Z	
1985-01-08			D 62610		3541.75	NGVD29	1		Z	
1985-01-08			D 62611		3542.86	NAVD88	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
1985-01-08			D72019	101.14			1		Z	
1986-01-09			D62610		3540.80	NGVD29	1		Z	
1986-01-09			D62611		3541.91	NAVD88	1		Z	
1986-01-09			D72019	102.09			1		Z	
1987-01-07			D62610		3540.02	NGVD29	1		Z	
1987-01-07			D62611		3541.13	NAVD88	1		Z	
1987-01-07			D72019	102.87			1		Z	
1988-01-08			D62610		3539.19	NGVD29	1		Z	
1988-01-08			D62611		3540.30	NAVD88	1		Z	
1988-01-08			D72019	103.70			1		Z	
1989-01-04			D62610		3538.67	NGVD29	1		Z	
1989-01-04			D62611		3539.78	NAVD88	1		Z	
1989-01-04			D72019	104.22			1		Z	
1990-01-03			D62610		3538.22	NGVD29	1		Z	
1990-01-03			D62611		3539.33	NAVD88	1		Z	
1990-01-03			D72019	104.67			1		Z	
1991-01		M	62610			NGVD29	O		Z	
1991-01		M	62611			NAVD88	O		Z	
1991-01		M	72019				O		Z	
1992-01		M	62610			NGVD29	O		Z	
1992-01		M	62611			NAVD88	O		Z	
1992-01		M	72019				O		Z	
1993-01-05		D	62610			NGVD29	O		Z	
1993-01-05		D	62611			NAVD88	O		Z	
1993-01-05		D	72019				O		Z	

Explanation		
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	M	Date is accurate to the Month
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	O	Obstructed
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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

Page Last Modified: 2022-06-01 15:59:38 EDT

0.3 0.27 nadww01



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National Water Information System: Web Interface

USGS Water Resources

Data Category:  
Groundwater

Geographic Area:  
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Search Results -- 1 sites found

Agency code = usgs  
site\_no list =

- 324630103050101

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

USGS 324630103050101 18S.39E.06.142143

Lea County, New Mexico  
Latitude 32°45'54", Longitude 103°04'06" NAD27  
Land-surface elevation 3,648.00 feet above NGVD29  
The depth of the well is 171 feet below land surface.  
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.  
This well is completed in the Ogallala Formation (121OGLL) 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
1976-02-25		D	62610		3573.53	NGVD29	1		Z	
1976-02-25		D	62611		3574.64	NAVD88	1		Z	
1976-02-25		D	72019	74.47			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

Section	Code	Description
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

---

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**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: 2022-06-01 15:58:29 EDT

0.32 0.29 nadww01



## **Attachment III Field Data**

**Hungry Horse, LLC**

Project: South Carter SA Unit #302 Area 2

Latitude: 32.768639

Longitude: -103.07043

Sampler: B. Wells

[illegible]

**Stockpile = Stockpile #1**

Hungry Horse, LLC

## Sample Log

Date: 10/4/22Project: South Carter SA Unit #302 Area 2Latitude: 32.768639Longitude: -103.07043Sampler: Eli Dominguez / Jorge Valeriano

Sample ID	Depth	PID/Odor	Chloride	GPS
SP1-Surf	Surf	N/A	$.05 \times 1000 = 50$	
SP1-1'	1'	N/A	$.04 \times 1000 = 40$	
SP1-2'	2'	N/A	$.13 \times 1000 = 130$	
SP1-3'	3'	N/A	$.03 \times 1000 = 30$	
SP1-4'	4'	N/A	$.04 \times 1000 = 40$	
SP2-Surf	Surf	N/A	$.05 \times 1000 = 50$	
SP2-1'	1'	N/A	$.03 \times 1000 = 30$	
SP2-2'	2'	N/A	$.13 \times 1000 = 130$	
SP2-3'	3'	N/A	$.03 \times 1000 = 30$	
SP2-4'	4'	N/A	$.04 \times 1000 = 40$	
SP3-Surf	Surf	N/A	$.04 \times 1000 = 40$	
SP3-1'	1'	N/A	$.04 \times 1000 = 40$	
SP3-2'	2'	N/A	$.03 \times 1000 = 30$	
SP3-3'	3'	N/A	$.03 \times 1000 = 30$	
SP3-4'	4'	N/A	$.05 \times 1000 = 50$	
SP4-Surf	Surf	N/A	$.04 \times 1000 = 40$	
SP4-1'	1'	N/A	$.03 \times 1000 = 30$	
SP4-2'	2'	N/A	$.04 \times 1000 = 40$	
SP4-3'	3'	N/A	$.03 \times 1000 = 30$	
SP4-4'	4'	N/A	$.05 \times 1000 = 50$	

Sample Point = SP1 @ ## etc

Horizontal = H21 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples= SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

## **Attachment IV**

### **Laboratory Analytical Reports**



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

May 09, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: SOUTH CARTER SA UNIT #302

Enclosed are the results of analyses for samples received by the laboratory on 05/03/22 15:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Hungry Horse Environmental  
 DANIEL DOMINGUEZ  
 P.O. Box 1058  
 Hobbs NM, 88240  
 Fax To: (505) 391-4585

Received: 05/03/2022  
 Reported: 05/09/2022  
 Project Name: SOUTH CARTER SA UNIT #302  
 Project Number: AREA 2  
 Project Location: GWD - UL/C SEC 8 T18S - R39E

Sampling Date: 05/03/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 (H221848-01)**

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.18	109	2.00	1.16	
Toluene*	<0.050	0.050	05/08/2022	ND	2.14	107	2.00	1.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	2.08	104	2.00	1.77	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	6.43	107	6.00	1.22	
Total BTX	<0.300	0.300	05/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/05/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	198	98.8	200	5.89	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	207	104	200	5.77	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 71.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.5 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Hungry Horse Environmental  
 DANIEL DOMINGUEZ  
 P.O. Box 1058  
 Hobbs NM, 88240  
 Fax To: (505) 391-4585

Received: 05/03/2022  
 Reported: 05/09/2022  
 Project Name: SOUTH CARTER SA UNIT #302  
 Project Number: AREA 2  
 Project Location: GWD - UL/C SEC 8 T18S - R39E

Sampling Date: 05/03/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 2 (H221848-02)**

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.18	109	2.00	1.16	
Toluene*	<0.050	0.050	05/08/2022	ND	2.14	107	2.00	1.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	2.08	104	2.00	1.77	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	6.43	107	6.00	1.22	
Total BTEx	<0.300	0.300	05/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/05/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	198	98.8	200	5.89	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	207	104	200	5.77	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 73.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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---

### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

October 10, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: SOUTH CARTER SA UNIT #302 AREA 2

Enclosed are the results of analyses for samples received by the laboratory on 10/04/22 14:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Hungry Horse Environmental  
 DANIEL DOMINGUEZ  
 P.O. Box 1058  
 Hobbs NM, 88240  
 Fax To: (505) 391-4585

Received:	10/04/2022	Sampling Date:	10/04/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SOUTH CARTER SA UNIT #302 AREA 2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GWD - UL / C SEC 8 T18S - R39E		

**Sample ID: SP 1 - SURF (H224621-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/07/2022	ND	448	112	400	0.00		

**Sample ID: SP 1 - 1' (H224621-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00		

**Sample ID: SP 1 - 2' (H224621-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/07/2022	ND	448	112	400	0.00		

**Sample ID: SP 1 - 3' (H224621-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00	

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**Analytical Results For:**

Hungry Horse Environmental  
 DANIEL DOMINGUEZ  
 P.O. Box 1058  
 Hobbs NM, 88240  
 Fax To: (505) 391-4585

Received:	10/04/2022	Sampling Date:	10/04/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SOUTH CARTER SA UNIT #302 AREA 2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GWD - UL / C SEC 8 T18S - R39E		

**Sample ID: SP 1 - 4' (H224621-05)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.01	101	2.00	3.51	
Toluene*	<0.050	0.050	10/08/2022	ND	2.12	106	2.00	2.83	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.96	97.8	2.00	3.44	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.88	98.0	6.00	4.33	
Total BTX	<0.300	0.300	10/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2022	ND	214	107	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/05/2022	ND	197	98.6	200	0.229	
EXT DRO >C28-C36	<10.0	10.0	10/05/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

Hungry Horse Environmental  
 DANIEL DOMINGUEZ  
 P.O. Box 1058  
 Hobbs NM, 88240  
 Fax To: (505) 391-4585

Received:	10/04/2022	Sampling Date:	10/04/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SOUTH CARTER SA UNIT #302 AREA 2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GWD - UL / C SEC 8 T18S - R39E		

**Sample ID: SP 2 - SURF (H224621-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/07/2022	ND	448	112	400	0.00		

**Sample ID: SP 2 - 1' (H224621-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00		

**Sample ID: SP 2 - 2' (H224621-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/07/2022	ND	448	112	400	0.00		

**Sample ID: SP 2 - 3' (H224621-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/07/2022	ND	448	112	400	0.00		

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**Analytical Results For:**

Hungry Horse Environmental  
 DANIEL DOMINGUEZ  
 P.O. Box 1058  
 Hobbs NM, 88240  
 Fax To: (505) 391-4585

Received:	10/04/2022	Sampling Date:	10/04/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SOUTH CARTER SA UNIT #302 AREA 2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GWD - UL / C SEC 8 T18S - R39E		

**Sample ID: SP 2 - 4' (H224621-10)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.01	101	2.00	3.51	
Toluene*	<0.050	0.050	10/08/2022	ND	2.12	106	2.00	2.83	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.96	97.8	2.00	3.44	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.88	98.0	6.00	4.33	
Total BTX	<0.300	0.300	10/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2022	ND	214	107	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/05/2022	ND	197	98.6	200	0.229	
EXT DRO >C28-C36	<10.0	10.0	10/05/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

Hungry Horse Environmental  
 DANIEL DOMINGUEZ  
 P.O. Box 1058  
 Hobbs NM, 88240  
 Fax To: (505) 391-4585

Received:	10/04/2022	Sampling Date:	10/04/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SOUTH CARTER SA UNIT #302 AREA 2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GWD - UL / C SEC 8 T18S - R39E		

**Sample ID: SP 3 - SURF (H224621-11)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00		

**Sample ID: SP 3 - 1' (H224621-12)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00		

**Sample ID: SP 3 - 2' (H224621-13)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00		

**Sample ID: SP 3 - 3' (H224621-14)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00		

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**Analytical Results For:**

Hungry Horse Environmental  
 DANIEL DOMINGUEZ  
 P.O. Box 1058  
 Hobbs NM, 88240  
 Fax To: (505) 391-4585

Received:	10/04/2022	Sampling Date:	10/04/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SOUTH CARTER SA UNIT #302 AREA 2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GWD - UL / C SEC 8 T18S - R39E		

**Sample ID: SP 3 - 4 (H224621-15)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/08/2022	ND	2.01	101	2.00	3.51		
Toluene*	<0.050	0.050	10/08/2022	ND	2.12	106	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.96	97.8	2.00	3.44		
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.88	98.0	6.00	4.33		
Total BTEx	<0.300	0.300	10/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2022	ND	214	107	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/05/2022	ND	197	98.6	200	0.229	
EXT DRO >C28-C36	<10.0	10.0	10/05/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

Hungry Horse Environmental  
 DANIEL DOMINGUEZ  
 P.O. Box 1058  
 Hobbs NM, 88240  
 Fax To: (505) 391-4585

Received:	10/04/2022	Sampling Date:	10/04/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SOUTH CARTER SA UNIT #302 AREA 2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GWD - UL / C SEC 8 T18S - R39E		

**Sample ID: SP 4 - SURF (H224621-16)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00		

**Sample ID: SP 4 - 1' (H224621-17)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00		

**Sample ID: SP 4 - 2' (H224621-18)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00		

**Sample ID: SP 4 - 3' (H224621-19)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/07/2022	ND	448	112	400	0.00		

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**Analytical Results For:**

Hungry Horse Environmental  
 DANIEL DOMINGUEZ  
 P.O. Box 1058  
 Hobbs NM, 88240  
 Fax To: (505) 391-4585

Received: 10/04/2022  
 Reported: 10/10/2022  
 Project Name: SOUTH CARTER SA UNIT #302 AREA 2  
 Project Number: NOT GIVEN  
 Project Location: GWD - UL / C SEC 8 T18S - R39E

Sampling Date: 10/04/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP 4 - 4' (H224621-20)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.01	101	2.00	3.51	
Toluene*	<0.050	0.050	10/08/2022	ND	2.12	106	2.00	2.83	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.96	97.8	2.00	3.44	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.88	98.0	6.00	4.33	
Total BTX	<0.300	0.300	10/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2022	ND	214	107	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/05/2022	ND	197	98.6	200	0.229	
EXT DRO >C28-C36	<10.0	10.0	10/05/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC

Project Manager: Daniel Dominguez

Address: PO Box 1058

City: Hobbs

Phone #: 575 393-3386

Project #:

Project Name: South Carter SA Unit #302 Area 2

Project Location: U/L C Sec 8 T18S - R39E

Sampler Name: Jorge Valeriano

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			Chloride	TPH	BTEX 8021							
1	SP1-Surf	G	1	X						10/4/22		X									
2	SP1-1'	G	1	X						10/4/22		X									
3	SP1-2'	G	1	X						10/4/22		X									
4	SP1-3'	G	1	X						10/4/22		X									
5	SP1-4'	G	1	X						10/4/22		X	X								
6	SP2-Surf	G	1	X						10/4/22		X									
7	SP2-1'	G	1	X						10/4/22		X									
8	SP2-2'	G	1	X						10/4/22		X									
9	SP2-3'	G	1	X						10/4/22		X									
10	SP2-4'	G	1	X						10/4/22		X	X								

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Relinquished By:

Date: 10/4/22

Time: 2:15

Received By: Daniel Dominguez

Relinquished By: Jorge Valeriano

Date:

Time:

Received By:

Delivered By: (Circle One) 1. Valeriano

Date: 10/4/22

Time: 2:15

Received By: Daniel Dominguez

Sampler - UPS - Bus - Other: 1. Valeriano

Date: 10/4/22

Time: 2:15

Received By: Daniel Dominguez

CHECKED BY: (Initials)

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

REMARKS:

Email results to: pm@hungry-horse.com

dpende@gwdc.com

+ Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476





101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC				P.O. #:				ANALYSIS REQUEST					
Project Manager: Daniel Dominguez				Company: Great Western Drilling									
Address: PO Box 1058				Attn: Dennis Pender									
City: Hobbs		State: NM		Zip: 88241		Address: 700 W. Louisiana Ave.							
Phone #: 575 393-3386		Fax #:		Project Owner: Great Western Drilling		City: Midland							
Project #:		South Carter SA Unit #302 Area 2		State: TX		Zip: 79701							
Project Location: U/L C Sec 8 T18S - R39E		Phone #: 432-682-5241		Fax #:									
Sampler Name: Jorge Valeriano		FOR LAB USE ONLY		PRESERV.		SAMPLING							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		DATE		TIME					
11		SP3-Surf		G 1		10/4/22				Chloride			
12		SP3-1'		G 1		10/4/22				TPH			
13		SP3-2'		G 1		10/4/22				BTEX 8021			
14		SP3-3'		G 1		10/4/22							
15		SP3-4'		G 1		10/4/22							
16		SP4-Surf		G 1		10/4/22							
17		SP4-1'		G 1		10/4/22							
18		SP4-2'		G 1		10/4/22							
19		SP4-3'		G 1		10/4/22							
20		SP4-4'		G 1		10/4/22							
PLEASE NOTE: Liability and Damages. Cardholder's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.													
Relinquished By: Jorge Valeriano				Date: 10/4/22		Received By: [Signature]		REMARKS:					
Relinquished By:				Time: 7:15		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:			
Delivered By: (Circle One) 1.0e-0.0e				Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY: [Signature]		Email results to: pm@hungry-horse.com					
Sampler - UPS - Bus - Other: 1.0e-0.0e				Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:			
								dpender@gwdc.com					

**Attachment V**  
**NMOCD Form C-141 Closure Page**



Form C-141

Page 6

State of New Mexico  
Oil Conservation Division

Incident ID	nJXK1613929245
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: Dennis Pender Title: EnvironmentalSignature:  Date: 9-20-2022email: dpender@gwdc.com Telephone: 432-682-5241 x 141**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**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 153322

CONDITIONS

Operator:  GREAT WESTERN DRILLING CO P.O. Box 1659 Midland, TX 79701	OGRID:  9338
	Action Number:  153322
	Action Type:  [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/27/2023