


**C&M Services, LLC. Natural Resources Department**

MAILING: P.O. BOX 3470 HOBBS, NM 88241  
 HOBBS OFFICE: 2607 W. MARLAND BLVD. HOBBS, NM 88240  
 CARLSBAD OFFICE: 312 N. CANAL ST STE C, CARLSBAD NM, 88220

10/18/19

NMOCD District 1  
 1625 N. French Drive  
 Hobbs, New Mexico 88240

RE: Remediation Closure Report for the Mesa #002H Tank Battery Release (1RP-5703), Lea County, New Mexico

To whom it concerns:

On behalf of BTA Oil Producers, LLC (BTA), C&M Services, LLC. (C&M) has prepared this Liner Inspection/Closure Report that describes the liner inspection related to the release of liquids related to oil and gas production activities at the Mesa #002H Tank Battery site. The release site is in Unit D, Section 11, Township 26S, Range 32E, Lea County, New Mexico, on Federal land.

### Release History

On August 29, 2019, a release was discovered at the Mesa #002H Tank Battery site due to communications being interrupted on the PLC, so no high tank alarm was sent out until communications were restored. Initial response activities were conducted by BTA and included source elimination and site security; containment; and site stabilization activities, which recovered approximately 15 barrels of fluid. Map 1 illustrates the vicinity and site location. The initial C-141 form is included in Appendix A.

### Release Location Information

Table 1: Release Information			
API Number	30-025-41289	Source of Release	A produced water tank overflowed due to power failure disabling high tank alarm.
Remediation Permit Number	1RP-5703	Released Material	Produced Water
Estimated Date of Release	8/29/19	Released Volume	15bbls
NMOCD Report Date	9/10/19	Recovered Volume	15bbls
NMOCD Closure Criteria	>100 feet to groundwater	Net Release	0 bbls

The Mesa #002H Tank Battery is located approximately 27 miles southwest of Jal, New Mexico on federally owned land at an elevation of approximately 3,246 feet above mean sea level (amsl).

There are no known water sources within ½-mile of the location, according to the New Mexico Office of the State Engineer (NMOSE) online water well database. Depth to groundwater in the area is estimated to be greater than 100 feet below grade surface (bgs). The nearest significant watercourse is the Pecos River, located approximately 19.5 miles to the southwest. Map 2



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illustrates the site with 100, 200, and 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

**Liner Inspection and Documentation**

On Oct.15, 2019 a full visual inspection of the liner was conducted by C&M personnel. The liner was found to be completely intact. Please see attached Photo log (Appendix C).

**Conclusion**

Based on the recovery of all the released liquids and the integrity of the liner being intact, BTA requests closure of this spill. The final C-141 is enclosed in Appendix A. If you have any questions or comments concerning this report, please call Jacqui Harris at 575-496-0780.

Submitted by:

C&M Services, LLC, Natural Resource Department

A handwritten signature in black ink that reads 'Jacqui Harris'.

Jacqui Harris  
Environmental Compliance Manager



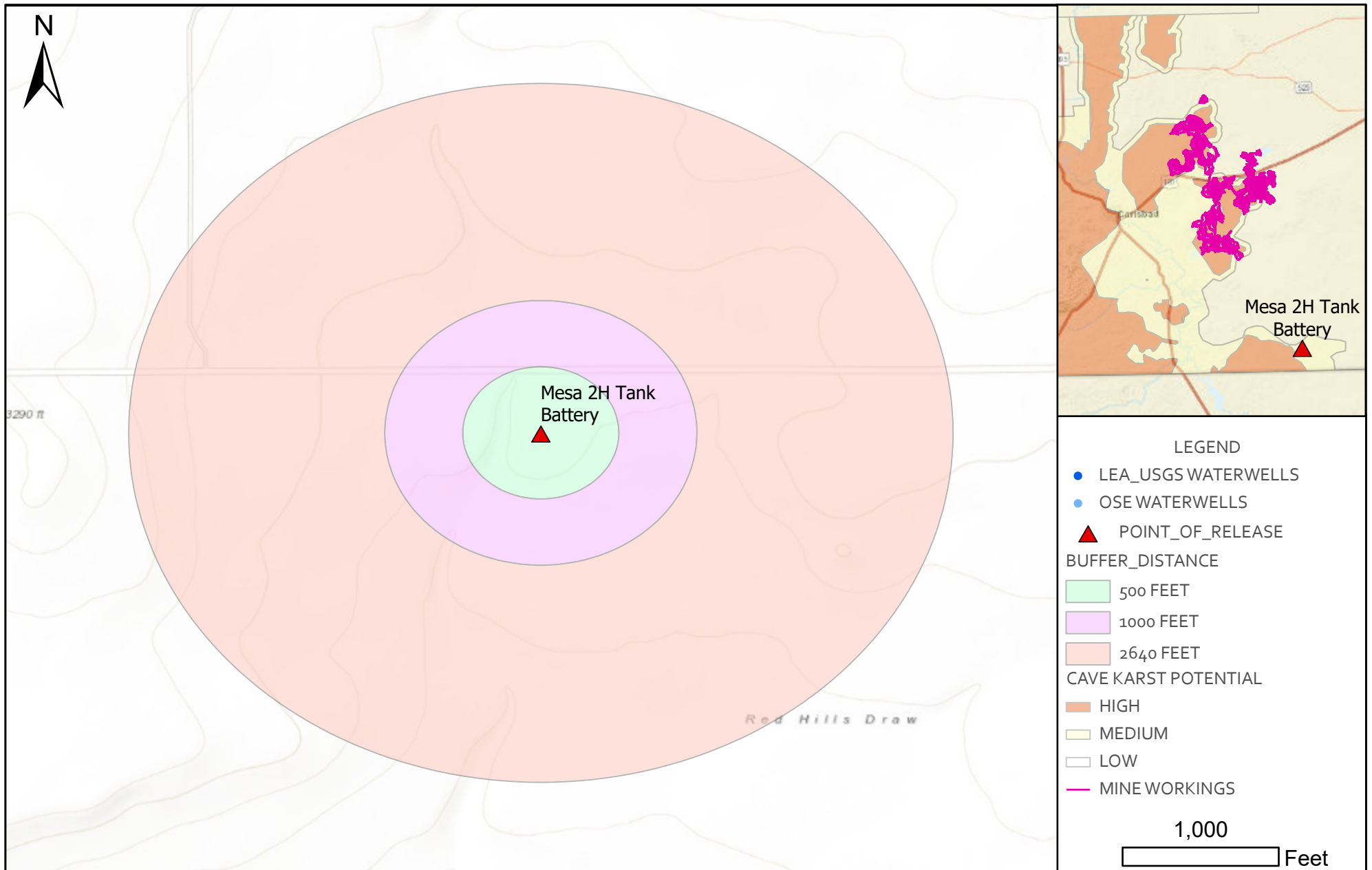
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# Map 1



## Regional Vicinity & Wellhead Protection Map

## Map 1

BTA- MESA #2H TANK BATTERY

SEW Author  
10/3/2019 Date





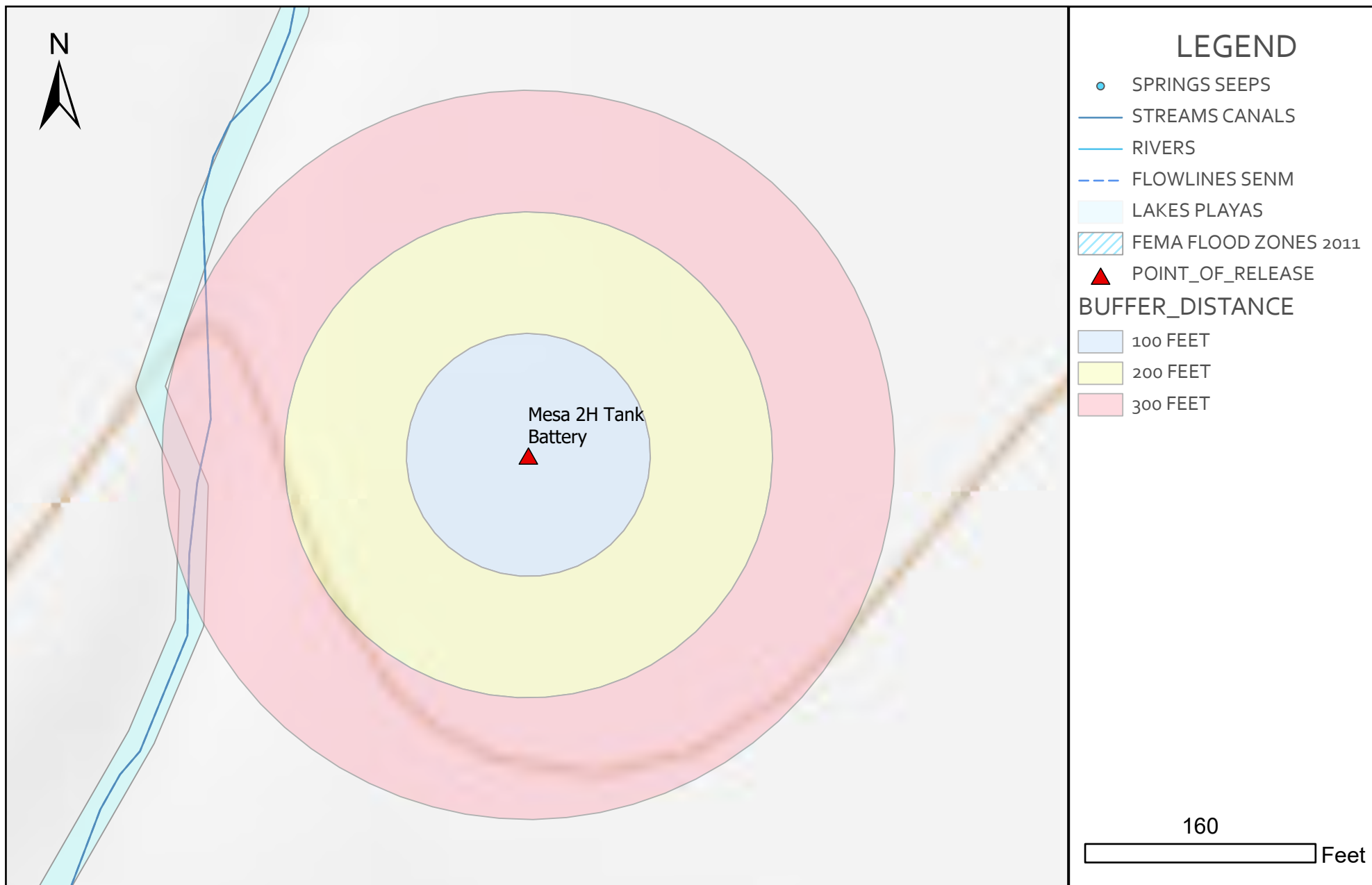
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# Map 2



Surface Water Protection Map

Map 2

BTA - MESA #2H TANK BATTERY



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# Appendix A

## Initial &

## Closure

### 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 DepartmentOil 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	NRM1927056483
District RP	1RP-57036
Facility ID	
Application ID	pRM1927056763

**Release Notification****Responsible Party**

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

**Location of Release Source**Latitude: **32.06403°** Longitude: **-103.65324°**

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: <b>Mesa #002H Tank Battery</b>	Site Type: <b>Tank Battery</b>
Date Release Discovered: <b>8/29/2019</b>	API# (if applicable) Nearest well: <b>Mesa 8105 JVP #002H API #30-025-41289</b>

Unit Letter	Section	Township	Range	County
<b>D</b>	<b>11</b>	<b>26S</b>	<b>32E</b>	<b>Lea</b>

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name:)**Nature and Volume of Release**

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) <b>15 BBL</b>	Volume Recovered (bbls) <b>15 BBL</b>
	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

**Communications were interrupted on the PLC, so no high tank alarm was sent out until communications were restored. At that time, the water tank was about to overflow. The operator saw the water tank start to overflow and was able to start a transfer pump to stop the overflow. No more than 15 BBL of produced water overflowed into the lined containment of the tank battery. The produced water was mixed with rainwater that was already in containment due to rain over the previous 24 hours. All water was completely recovered with a vacuum truck and loaded for proper disposal.**




State of New Mexico  
Oil Conservation Division

Incident ID	NRM1927056483
District RP	1RP-5703
Facility ID	
Application ID	pRM1927056763

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

### Initial Response

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

<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:  <b><u>Additional Information:</u> This area is within lined secondary containment. A liner inspection will be required.</b>
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:  Date: <b>9/10/2019</b>  email: <b>bhall@btaoil.com</b> Telephone: <b>432-682-3753</b>
<b><u>OCD Only</u></b>  Received by: <u>Ramona Marcus</u> Date: <u>09/27/2019</u>

State of New Mexico  
Oil Conservation Division

Incident ID	NRM1927056483
District RP	1RP-5703
Facility ID	
Application ID	pRM1927056763

## 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: Bob Hall Title: Environmental Manager

Signature:  Date: 10/17/19

email: bhall@btaoil.com

Telephone: 432-682-3753

**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: \_\_\_\_\_



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# Appendix B

# NMBOSE Well

# Data



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 02271</a>	R	CUB	LE	2	3	21	26S	32E		624449	3544111*	4993	150	125	25
<a href="#">C 03595 POD1</a>		CUB	LE	4	2	3	21	26S	32E	624423	3544045	5062	280	180	100
<a href="#">C 02271 POD2</a>		CUB	LE	3	2	3	21	26S	32E	624348	3544010*	5132	270	250	20
<a href="#">C 02323</a>		C	LE	3	2	3	21	26S	32E	624348	3544010*	5132	405	405	0
<a href="#">C 03537 POD1</a>		CUB	LE	3	2	3	21	26S	32E	624250	3543985	5206	850		
<a href="#">C 04209 POD1</a>		CUB	LE	2	3	3	06	26S	32E	620903	3548619	6229	360	155	205
<a href="#">C 04209 POD2</a>		C	LE	2	3	3	06	26S	32E	620818	3548657	6316	340	155	185

Average Depth to Water: **211 feet**

Minimum Depth: **125 feet**

Maximum Depth: **405 feet**

Record Count: 7

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

Easting (X): 627125.3457

Northing (Y): 3548326.2109

Radius: 6400

\*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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# Appendix C

# Photo Log







