

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	APP2117330276
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party <b>TapRock Operating LLC.</b>	OGRID <b>37243</b>
Contact Name <b>Christian Combs</b>	Contact Telephone <b>(720) 360-4028</b>
Contact email <b>ccombs@taprk.com</b>	Incident # (assigned by OCD) <b>APP2117330276</b>
Contact mailing address <b>523 Park Point Dr #200</b>	<b>Golden, CO, 80401</b>

### Location of Release Source

Latitude **32.1805101** \_\_\_\_\_ Longitude **-103.3493166** \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name <b>Slot 4 Man Hands Well Pad</b>	Site Type <b>Tank Battery</b>
Date Release Discovered <b>6/17/21</b>	API# (if applicable)

Unit Letter	Section	Township	Range	County
<b>A</b>	<b>34</b>	<b>24S</b>	<b>35E</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>10</b>	Volume Recovered (bbls) <b>10</b>
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Other (describe) <b>Freshwater</b>	Volume/Weight Released (provide units) <b>180 bbls</b>	Volume/Weight Recovered (provide units) <b>180 bbls</b>

Cause of Release

**Tap Rock had a release at 2:45 AM the morning of 6/17/21. Approximately 10 bbls of blended (produced and fresh) water and 180 bbls of fresh water were released when tanks were overfilled. The release was contained within the lined secondary containment dike and did not leave the location. A vac truck was called and all of the water was recovered and placed back into the appropriate tanks.**

State of New Mexico  
Oil Conservation Division

Page 2

Incident ID	APP2117330276
District RP	
Facility ID	
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?  _____ _____ _____
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? <b>Email notification was made to Christina Eads with NMOCD via email on online tool on 6/17/21. Release notification on the NMOCD online tool was made on 6/22/21.</b>	

### 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: <u>Christian Combs</u> Title: <u>EHSR Manager</u> Signature: <u></u> Date: <u>1/4/22</u> email: <u>ccombs@taprk.com</u> Telephone: <u>(720) 360-4028</u>
<b><u>OCD Only</u></b>  Received by: _____ Date: _____

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## 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?	<50 _____ (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.

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District RP	
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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: Christian Combs Title: EHSR Manager

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

email: ccombs@taprk.com Telephone: (720) 360-4028

**OCD Only**

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

State of New Mexico  
Oil Conservation Division

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### 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.

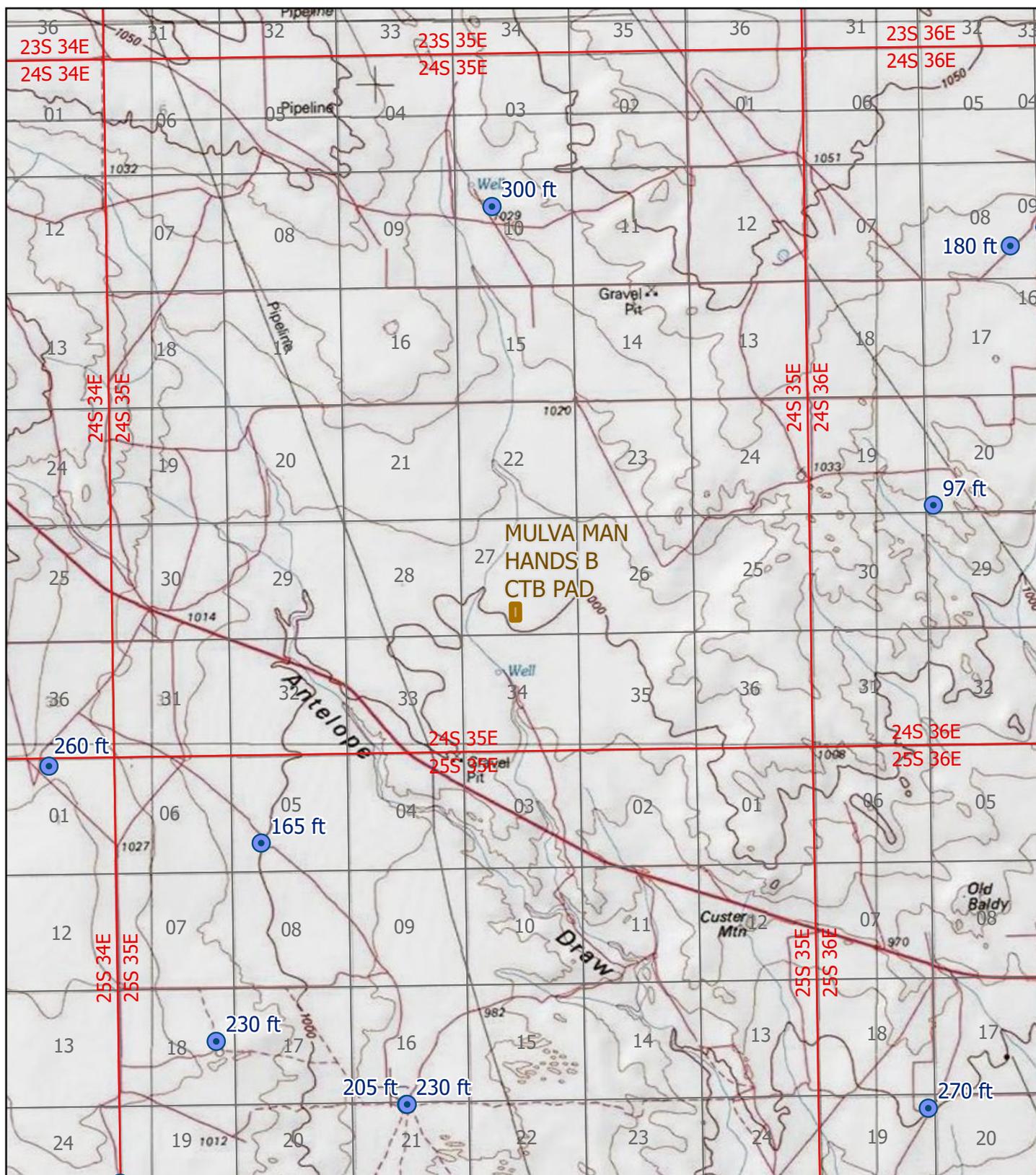
Printed Name: Christian Combs Title: EHSR Manager  
 Signature:  Date: \_\_\_\_\_  
 email: ccombs@taprk.com Telephone: (720 360-4028)

**OCD Only**

Received by: Chad Hensley Date: 01/27/2022

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: 01/27/2022  
 Printed Name: Chad Hensley Title: Environmental Specialist Advanced



**Figure 2: Area Topo Map**

<ul style="list-style-type: none"> <li><span style="color: blue;">●</span> NMOSE Well (Depth to Water)</li> <li><span style="background-color: #c48030; border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Well Pad</li> </ul>	<p>Scale: 1:75,000</p>
<p>Location: T24S R35W Sec 27 32.18436, -103.35584</p>	

N

0 3,000 6,000 Feet

0 0.5 1 Miles



# Figure 1: Containment Area

 Containment Area

Scale:  
1:1,200

Location: T24S R35W Sec 27 32.18436, -103.35584





CDH Consulting, LLC  
Thornton, Colorado  
720.431.7468  
[www.CDHConsult.com](http://www.CDHConsult.com)

**Soil Assessment and Remediation Work Plan:**

Slot 4 Man Hands Well Pad  
Incident # APP2117330276

**Prepared For:**

Tap Rock Resources, LLC.  
Golden, CO

**Prepared By:**

CDH Consulting  
Thornton, CO



CDH Consulting, LLC  
Thornton, Colorado  
720.431.7468  
[www.CDHConsult.com](http://www.CDHConsult.com)

Subject: Soil Assessment and Remediation Workplan  
Slot 4 Man Hands Well Pad  
Incident # APP2117330276

To Whom it May Concern,

Tap Rock Resources LLC (Tap Rock) has contracted CDH Consulting LLC (CDH) to preform appropriate remediation services at the Slot 4 Man Hands Well Pad (Site). The results of our site assessment activities are described in the following pages. As a result of the site assessment activities, Tap Rock is requesting Closure and no further action on Incident Number APP2117330276.

#### **SITE INFORMATION**

The release at the Site is located approximately 10 miles northwest of Jal, New Mexico (NM), in Unit A, Section 34, Township 24S, Range 35E, Lea County, NM.

On June 17, 2021, while fresh water was being transferred from freshwater storage to frac storage tanks, the water was inadvertently sent to the wrong holding tanks. The already semi-filled tanks overflowed, resulting in the release of 10 barrels (bbls) of blended produced water and freshwater and 180 bbls of freshwater onto the surrounding well pad. The location of the release is shown on Figure 1. Upon discovery, the transfer of water between storage tanks was stopped and a hydrovac was dispatched to site. All standing fluids were contained within a steel ring lined containment and were recovered.

Tap Rock immediately reported the release via the NMOCD online tool on June 17, 2021, then submitted a form C-141 on June 28, 2021 and was assigned Incident Number APP2117330276.

#### **GROUNDWATER AND SITE RANKING**

There are no significant watercourses or other sensitive areas within 0.5 miles of the release as defined by 19.15.29.12.C.(4).

Based on the closest groundwater well to the Site with data collected within the last 25 years, USGS groundwater well 320918103211701 25S.35E.03.233244, located approximately 1.5 miles south of the Site, depth to groundwater is 107 feet below ground surface (bgs). This well was most recently measured in March 1996. There are two other relevant groundwater wells in the area within 3 miles of the site which suggest depth to groundwater is greater than 100 feet bgs.

As outlined in Table 1 of 19.15.29.12 NMAC, the applicable Closer Criteria for the Site is as follows;

- 10 mg/kg Benzene
- 50 mg/kg Total BTEX (Benzene, Toluene, Ethylbenzene, Total Xylenes)
- 1,000 mg/kg GRO+DRO
- 2,500 mg/kg TPH
- 10,000 mg/kg Chlorides



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### **SITE INVESTIGATION**

After all freestanding fluids were recovered by the hydrovac, Tap Rock notified NMOCD two days in advance to schedule a liner inspection at the Site. The visual liner inspection took place on December 22, 2021 and the liner was determined to be intact. Photos taken during the liner inspection are included as Attachment 1.

### **CONCLUSION**

As the spill was contained to within a production site, the area has no other existing sensitive receptors, and all standing fluids were recovered, Tap Rock is requesting Closure and no further action on Incident Number APP2117330276.



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## FIGURE 1

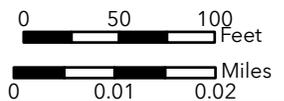


# Figure 1: Containment Area

 Containment Area

Scale:  
1:1,200

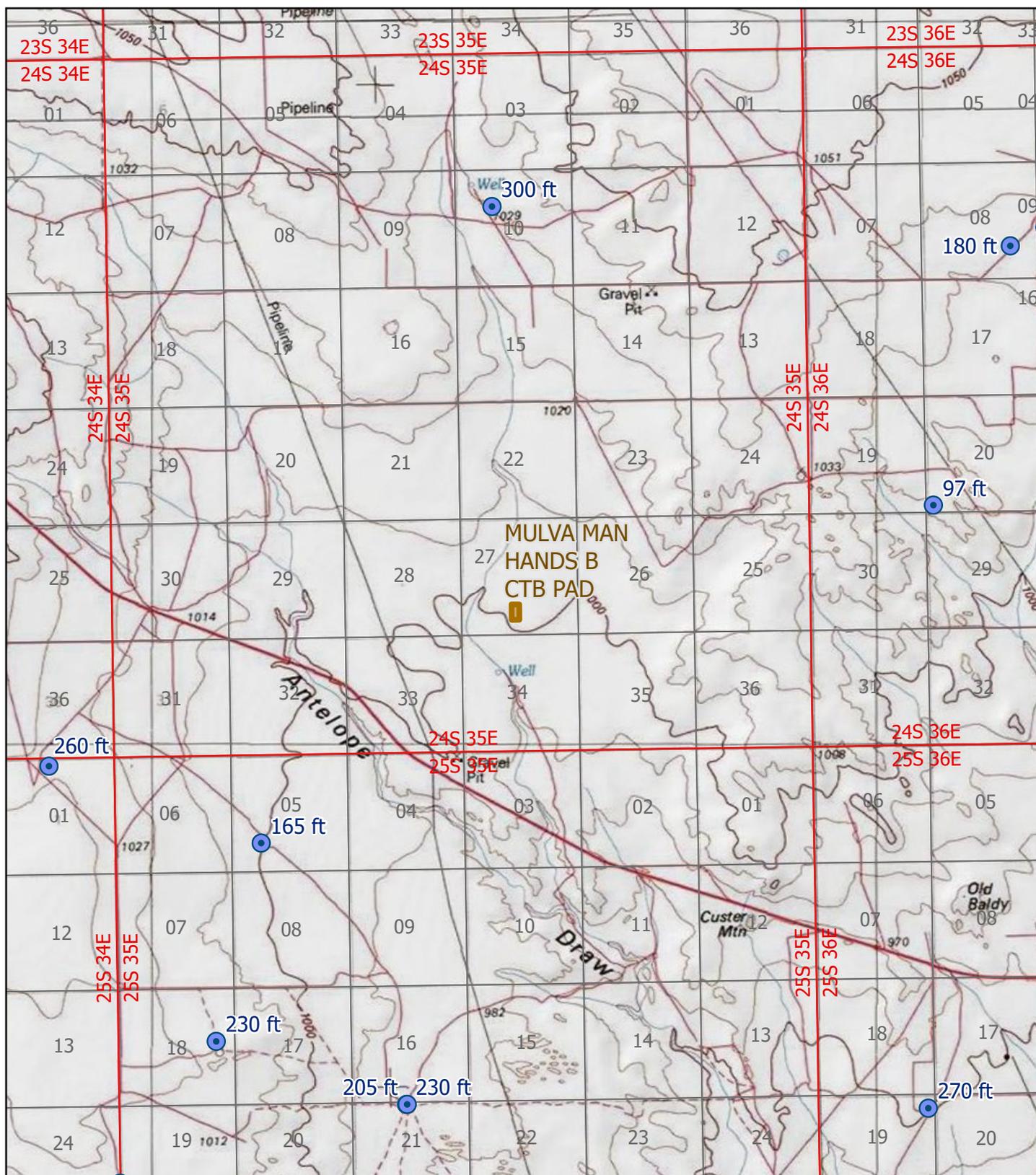
Location: T24S R35W Sec 27 32.18436, -103.35584





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## FIGURE 2



**Figure 2: Area Topo Map**

<ul style="list-style-type: none"> <li><span style="color: blue;">●</span> NMOSE Well (Depth to Water)</li> <li><span style="background-color: #c4a33d; border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Well Pad</li> </ul>	<p>Scale: 1:75,000</p>
<p>Location: T24S R35W Sec 27 32.18436, -103.35584</p>	

N

0 3,000 6,000 Feet

0 0.5 1 Miles

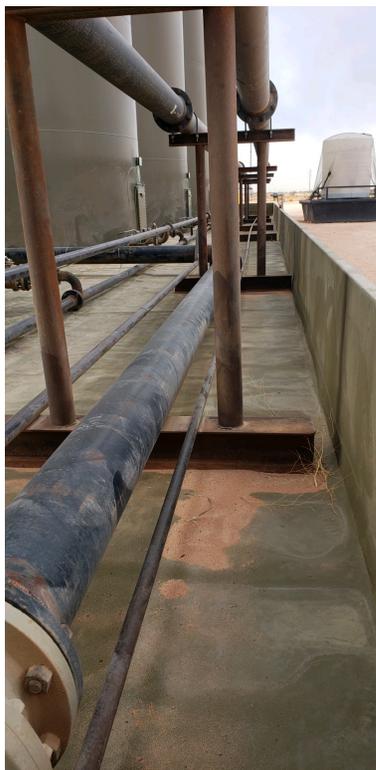


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## **ATTACHMENT 1**

Site Photos

Viewing Direction: North



View of liner during inspection

Viewing Direction: South



View of liner during inspection

Site Photos

Viewing Direction: North



View of liner during inspection

Viewing Direction: South



View of liner during inspection

Site Photos

Viewing Direction: East



View of liner during inspection

Viewing Direction: Southwest



View of liner during inspection

**District I**  
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 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 70942

**CONDITIONS**

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 70942
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
chensley	None	1/27/2022