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**PRONGHORN SWD #001  
CLOSURE REPORT**

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**API NO. 30-025-32735  
RELEASE DATE: 09/13/2019  
INCIDENT ID: NRM1927460517  
1RP-5723  
U/L B, SECTION 24, TOWNSHIP 19S, RANGE 32E  
LEA COUNTY, NEW MEXICO**

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**08/28/2020**

**PREPARED BY:**



**#7 COMPRESS ROAD  
ARTESIA, NM 88210**



August 28, 2020

State of New Mexico Energy Minerals and Natural Resources Department  
Oil Conservation Division - District II  
C/O Mike Bratcher, Robert Hamlet, Victoria Venegas, Cristina Eads  
811 S. First Street  
Artesia, NM 88210

Bureau of Land Management  
C/O Jim Amos  
620 E. Green Street  
Carlsbad, NM 88220

Spur Energy Partners  
C/O Braidy Moulder  
919 Milam Street Suite 2475  
Houston, TX 77002

**RE: Pronghorn SWD #001 – Closure Request**  
**Date of Release: September 13, 2019**  
**API No. 30-025-32735**  
**U/L B, Section 24, Township 19S, Range 32E**

To Whom it May Concern:

Spur Energy Partners has retained ESS (Energy Staffing and Services), Environmental & Regulatory Division to address the environmental compliance issues concerning the release detailed herein. Below you will find the site-specific information concerning the delineation and liner clean-up process that has taken place at the Pronghorn SWD #001

#### **SITE BACKGROUND**

This site is located in Lea County, New Mexico; 33.55 miles west of Hobbs, NM. This release was found by COG Operating, LLC on or before September 13, 2019. The release was caused by corrosion on the check valve resulting in the plug blowing out. The check valve was replaced.

Approximately 15bbls of produced water was released inside the lined containment. A vacuum truck was dispatched out to remove all of the freestanding fluids. No fluid was recovered. This site was purchased by Spur Energy, LLC on November 1, 2019, therefore assuming responsibility of the release that had yet to be closed out. The approved C141 was submitted and approved on 09/25/2019. No fluids left the lined containment area with an approximate 11,924 Sq. Ft. area.

### GENERAL SITE CHARACTERISTICS

ESS conducted an extended groundwater study of the area, it has been determined that according to the New Mexico Office of the State Engineer, the depth of groundwater is estimated to be 185'bgs (below ground surface). The closest well to the site with viable groundwater data is labelled L 07023. Please see the list below for groundwater wells found within 7500' from the site.

L 07023 – 5033' (0.95 miles) from the site, drilled in 1970 with the depth of 185'bgs  
 CP 00317 – 6755' (1.27 miles) from the site, drilled in 1966 with the depth of 325'bgs  
 CP 01656 POD3 – 7011' (1.32 miles) from the site, drilled in 2017 with no groundwater data  
 CP 01656 POD1 – 7017' (1.328 miles) from the site, drilled in 2017 with no groundwater data  
 CP 01656 POD2 – 7021' (1.329 miles) from the site, drilled in 2017 with no groundwater data  
 CP 00639 POD1 – 7374' (1.39 miles) from the site, drilled in 1982 with 345'bgs

Using the Table I, Closure Criteria for Soils Impacted by a Release dated 8/14/2018, this site falls under the site ranking of >100'bgs. With that being said this is a Federal Site, therefore it will fall under the less than 0-51' to groundwater closure criteria. Please see the chart below for the sampling criteria for this site:

| DGW   | Constituent           | Method                           | Limit     |
|-------|-----------------------|----------------------------------|-----------|
| ≤ 50' | Chloride              | EPA 300.0 OR SM4500 CLB          | 600 mg/kg |
|       | TPH (GRO + DRO + MRO) | EPA SW-846 METHOD 8015M          | 100 mg/kg |
|       | GRO + DRO             | EPA SW-846 METHOD 8015M          | 50 mg/kg  |
|       | BTEX                  | EPA SW-846 METHOD 8021B OR 8260B | 10 mg/kg  |
|       | Benzene               | EPA SW-846 METHOD 8021B OR 8260B | 10 mg/kg  |

### DISTANCE TO NEAREST POTABLE WATER WELL

Based on the review of the NMOSE Database, registered potable water wells are not present within .5 miles of the site. The closest well is listed to be L07023 showing .95 miles from the site. But upon review of the OSE POD Map (Attached), this water well shows to be 3.12 miles from the Pronghorn SWD. As seen on the OSE Map, there are several wells that have been

drilled overtime, not all have water and if water was found it has been noted as deep as 405' bgs (CP-00805-POD-1). This well shows to be used as a livestock well on the Smith Ranch. There is no documentation that the well has been plugged. This well is measured at .82 miles from the impacted site of the Pronghorn SWD. With the information available for review, it is safe to say that groundwater will not be an issue at this site. At this time due to this being a Federal Well and a low karst area (information below), the closure criteria is more stringent than what the groundwater criteria would be.

#### **DISTANCE TO NEAREST SURFACE WATER**

Laguna Tonto and Laguna Plata are found to be the closest surface water to the Pronghorn SWD #001. Both found to be within 3.5 and 3.8 miles from the site.

#### **SOIL CHARACTERISTICS**

According to the USDA Resources Conservation Service, the soil survey indicates the following (please see soil map attached):

96.9% Kermit-Palomas fine sands, 0 to 12 percent slopes  
3.1% Pyote and Maljamar fine sands

#### **KARST CHARACTERISTICS**

ESS evaluated data from the NMOCD Share-Point for Karst Map Designations in reference to the Pronghorns SWD #001. This site appears to be in the Low Karst Risk Area. Based on the site observations with the extent of the release margins, the potential for Karst formations in this area is of "low potential". With the information provided in this report, Karst is not a factor in determining the site characterization. As mentioned above due to this site being on Federal Land, deep groundwater data and Low Karst, the site characteristics remain in the 0-51' bgs groundwater sampling and closure criteria.

#### **SOIL REMEDIAL/LINER ACTION LEVELS**

ESS has provided sufficient data that this produced water impacted soil for the Pronghorn SWD #001 release consistent with the remediation/abatement goals and objectives set forth in the NMOCD (New Mexico Oil Conservation Division) Closure Criteria for Soils Impacted by a Release, dated August 14, 2018 and by BLM Guidelines.

The guidance document provides direction for Spur Energy's initial response actions, site assessment, sampling procedures conducted by ESS Staff, we would like to present to you the following information concerning the delineation process for the release detailed herein.



### Soil Sampling Procedures

Soil sampling for laboratory analysis was conducted according to the NMOCD – approved industry standards. Accepted NMOCD soil sampling procedures and laboratory analytical methods are as follows:

- Collect clean samples in air tight glass jars supplied by the laboratory to conduct the analysis
- Each sample jar was labelled with site and sample information
- Samples were kept in and stored in a cool place and packed on ice
- Promptly ship sample to the lab for analysis following the chain of custody procedures

The following lab analysis method was used for each bottom hole and side wall sample submitted to Envirotech Analytical Laboratory:

#### Volatile Organics by EPA 8021B

- Benzene, Toluene, Ethylbenzene, p.m. Xylene, o-Xylene and Total Xylenes

#### Nonhalogenated Organics by EPA 8015D – GRO

- Gasoline Range Organics (C6-C10)

#### Nonhalogenated Organics by EPA 8015D – DRO/ORO

- Diesel Range Organics (C10-C28)
- Oil Range Organics (C28-C40)

#### Anions by EPA 300.0/9056A

- Chloride

### **RELEASE INVESTIGATION DATA EVALUATION**

On March 23<sup>rd</sup> of 2020, Hungry-Horse LLC was dispatched out to the Pronghorn SWD #001 to hand shovel the area within the lined facility. The impacted area was excavated and stockpiled on plastic to be hauled to a disposal. Approximately 84 cu. yds. of impacted material were hauled to Lea Landfill for disposal. After the containment was excavated of all the impacted material, the liner was inspected. Multiple small areas of perforations were found. ESS could not obtain the emails, if any that were sent to the NMOCD for liner inspection. The liner was patched and then the containment area was then backfilled with 98 cu. yds. of pea gravel.

A closure report was submitted on June 12, 2020. On August 14<sup>th</sup>, 2020 the closure was denied due to the following reason:

- Soil samples were not collected and analyzed at a lab where perforations in the liner were found. Because the liner was found to be compromised in several locations, additional investigation needs to take place to ensure soils have not been impacted.

At this time ESS called in a one-call and began delineation of the liner area. Three different areas were field tested under the patched liner. On August 24<sup>th</sup>, ESS staff cut out a 1'x 1' area of the liner and delineated each of the three sample points to 4'bgs. No contamination was found during the delineation process. Immediately following the delineation crews patched and sprayed the liner, liner was able to dry before putting the pea gravel back in place. The soil samples were sampled using 1' intervals by use of hand auger. The field samples were also tested in the field using the Titration Method for chlorides and volatiles in the soil by using a PID Meter.

Below you will find the vertical delineation sample data along with the confirmed lab analysis (in yellow). Each bottom hole sample was jarred, labelled and sent to Envirotech Laboratory for confirmation:

| SP ID | Depth   | Titr | PID | L-BTEX | L-GRO | L-DRO | L-ORO | L-TPH | L-CHL |
|-------|---------|------|-----|--------|-------|-------|-------|-------|-------|
| BG    | SURFACE | 20   |     | ND     | ND    | ND    | ND    | ND    | ND    |
|       |         |      |     |        |       |       |       |       |       |
| SP1   | SURFACE | 400  |     |        |       |       |       |       |       |
|       | 1'      | 240  |     |        |       |       |       |       |       |
|       | 2'      | 240  |     |        |       |       |       |       |       |
|       | 3'      | 240  |     |        |       |       |       |       |       |
|       | 4'      | 240  |     | ND     | ND    | ND    | ND    | ND    | 203   |
|       |         |      |     |        |       |       |       |       |       |
| SP2   | SURFACE | 320  |     |        |       |       |       |       |       |
|       | 1'      | 320  |     |        |       |       |       |       |       |
|       | 2'      | 240  |     |        |       |       |       |       |       |
|       | 3'      | 160  |     |        |       |       |       |       |       |
|       | 4'      | 160  |     | ND     | ND    | ND    | ND    | ND    | 68.8  |
|       |         |      |     |        |       |       |       |       |       |
| SP3   | SURFACE | 400  |     |        |       |       |       |       |       |
|       | 1'      | 320  |     |        |       |       |       |       |       |
|       | 2'      | 240  |     |        |       |       |       |       |       |
|       | 3'      | 240  |     |        |       |       |       |       |       |
|       | 4'      | 60   |     | ND     | ND    | ND    | ND    | ND    | ND    |

As seen in the chart above, the integrity of the liner is intact and has not contaminated the soil beneath the liner.

#### **SCOPE OF WORK AND LIMITATIONS**

The scope of our services consisted of the review of Hungry Horse site assessment, liner remediation and liner inspection, sampling procedure conducted by ESS under the liner, as well as regulatory liaison and preparation of this closure report by ESS. All work has been performed in accordance with the NMOCDD Rules and Regulations for Spills and Releases dated August 14<sup>th</sup>, 2008 (19.15.29 NMAC).

On behalf of Spur Energy Partners and Energy Staffing Services, we respectfully request closure of the release that occurred on the Pronghorn SWD #001. If you have any questions or concerns, please feel free to contact me at any time, you can find my contact information below.

Sincerely,



Natalie Gladden

Director of Environmental and Regulatory

#7 Compress Road

Artesia, NM 88210

Cell: 575-390-6397

Email: [natalie@energystaffingllc.com](mailto:natalie@energystaffingllc.com)

#### **Attachments:**

Initial C141

Groundwater Data & Map

OSE POD Map

Soil Map and Information

Karst Map

Delineation Sample Data & Sample Map

Lab Analysis

Site Photos

Denial Email

Final C141

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    | NRM1927460517  |
| District RP    | 1RP-5723       |
| Facility ID    | fGRL1000759914 |
| Application ID | pRM1927460612  |

## Release Notification

### Responsible Party

|                         |                              |
|-------------------------|------------------------------|
| Responsible Party       | OGRID                        |
| Contact Name            | Contact Telephone            |
| Contact email           | Incident # (assigned by OCD) |
| Contact mailing address |                              |

### Location of Release Source

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

|                         |                      |
|-------------------------|----------------------|
| Site Name               | Site Type            |
| Date Release Discovered | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
|             |         |          |       |        |

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 type="checkbox"/> Produced Water   | Volume Released (bbls)   | Volume Recovered (bbls)                                  |
|   | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input 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                          |  |  |

|                |                |
|----------------|----------------|
| Incident ID    | NRM1927460517  |
| District RP    | 1RP-5723       |
| Facility ID    | fGRL1000759914 |
| Application ID | pRM1927460612  |

|  |  |
|--|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input 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)?               |  |

### Initial Response

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

|  |                         |
|--|-------------------------|
| <input type="checkbox"/> The source of the release has been stopped.   |                         |
| <input type="checkbox"/> The impacted area has been secured to protect human health and the environment.   |                         |
| <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.   |                         |
| <input 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: _____  | Title: _____            |
| Signature: <u>Delann Opreant</u>   | Date: _____             |
| email: _____   | Telephone: _____        |
| <b><u>OCD Only</u></b>   |                         |
| Received by: <u>Ramona Marcus</u>  | Date: <u>10/01/2019</u> |



## New Mexico Office of the State Engineer

# Wells with Well Log Information

No wells found.

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 620382.32

**Northing (Y):** 3613439.66

**Radius:** 1000

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.

6/12/20 3:36 PM

WELLS WITH WELL LOG INFORMATION



## New Mexico Office of the State Engineer

# Wells with Well Log Information

No wells found.

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 620382.32

**Northing (Y):** 3613439.66

**Radius:** 5000

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WELLS WITH WELL LOG INFORMATION



# 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 | POD Subbasin | County | Source  | q | q | q  | Sec | Tws | Rng | X      | Y        | Distance | Start Date | Finish Date | Log File Date | Depth Well | Depth Water | Driller                     | License Number |
|-------------------------------|------|--------------|--------|---------|---|---|----|-----|-----|-----|--------|----------|----------|------------|-------------|---------------|------------|-------------|-----------------------------|----------------|
| <a href="#">L 07023</a>       |      | L            | LE     | Shallow | 2 | 3 | 3  | 32  | 19S | 33E | 622840 | 3609047* | 5033     | 11/12/1970 | 11/15/1970  | 11/19/1970    | 262        | 185         | MURRELL ABBOTT              | 46             |
| <a href="#">CP 00317</a>      |      | CP           | LE     | Shallow | 3 | 4 | 3  | 05  | 20S | 33E | 623054 | 3607235* | 6755     | 02/05/1966 | 02/17/1966  | 02/24/1966    | 680        | 325         | ABBOTT, MURRIEL             | 46             |
| <a href="#">CP 01656 POD3</a> |      | CP           | LE     |         | 3 | 4 | 3  | 17  | 19S | 32E | 613374 | 3613633  | 7011     | 03/28/2017 | 03/28/2017  | 05/05/2017    | 30         |             | BRYAN, EDWARD               | 1711           |
| <a href="#">CP 01656 POD1</a> |      | CP           | LE     |         | 3 | 4 | 3  | 17  | 19S | 32E | 613368 | 3613646  | 7017     | 03/28/2017 | 03/28/2017  | 05/05/2017    | 70         |             | EDWARD BRYAN                | 1711           |
| <a href="#">CP 01656 POD2</a> |      | CP           | LE     |         | 3 | 4 | 3  | 17  | 19S | 32E | 613364 | 3613648  | 7021     | 03/28/2017 | 03/28/2017  | 05/05/2017    | 70         |             | BRYAN, EDWARD               | 1711           |
| <a href="#">CP 00639 POD1</a> |      | CP           | LE     | Shallow | 3 | 1 | 20 | 19S | 32E |     | 613029 | 3612880* | 7374     | 02/09/1982 | 02/10/1982  | 03/23/1982    | 350        | 345         | FELKINS, LARRY              | 882            |
| <a href="#">CP 00640 POD1</a> |      | CP           | LE     | Shallow | 2 | 2 | 19 | 19S | 32E |     | 612621 | 3613280* | 7762     | 02/08/1982 | 02/09/1982  | 03/04/1982    | 260        | 102         | FELKINS, LARRY              | 882            |
| <a href="#">L 03454</a>       |      | L            | LE     | Shallow | 2 | 2 | 30 | 18S | 33E |     | 622200 | 3621422* | 8186     | 03/29/1957 | 03/30/1957  | 04/17/1957    | 100        | 35          | MUSSELWHITE, O.R.           | 99             |
| <a href="#">CP 00677</a>      |      | CP           | LE     |         | 1 | 1 | 26 | 18S | 32E |     | 617750 | 3621373* | 8358     | 05/09/1985 | 05/09/1985  | 05/15/1985    | 700        |             | GLENN, CLARK A."CORKY" (LD) | 421            |
| <a href="#">CP 00642 POD1</a> |      | CP           | ED     | Shallow | 2 | 2 | 25 | 19S | 31E |     | 611025 | 3611657* | 9525     | 02/10/1982 | 02/01/1982  | 02/23/1982    | 250        |             | FELKINS, LARRY              | 882            |

**Record Count:** 10

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 620382.32

**Northing (Y):** 3613439.66

**Radius:** 10000

\*UTM location was derived from PLSS - see Help

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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)

| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X      | Y        |
|----------|------------|-----|-----|----|-----|-----|-----|--------|----------|
| L 07023  |            | 2   | 3   | 3  | 32  | 19S | 33E | 622840 | 3609047* |

|                                     |   |
|-------------------------------------|---|
| <b>Driller License:</b> 46          | <b>Driller Company:</b> ABBOTT BROTHERS COMPANY |
| <b>Driller Name:</b> MURRELL ABBOTT |   |
| <b>Drill Start Date:</b> 11/12/1970 | <b>Drill Finish Date:</b> 11/15/1970            |
| <b>Log File Date:</b> 11/19/1970    | <b>PCW Rcv Date:</b>                            |
| <b>Pump Type:</b>                   | <b>Pipe Discharge Size:</b>                     |
| <b>Casing Size:</b> 7.00            | <b>Depth Well:</b> 262 feet                     |
|                                     | <b>Depth Water:</b> 185 feet                    |

| Water Bearing Stratifications: | Top | Bottom | Description                   |
|--------------------------------|-----|--------|-------------------------------|
|                                | 185 | 214    | Sandstone/Gravel/Conglomerate |

| Casing Perforations: | Top | Bottom |
|----------------------|-----|--------|
|                      | 200 | 260    |

\*UTM location was derived from PLSS - see Help

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POD SUMMARY - L 07023



# New Mexico Office of the State Engineer

## Point of Diversion Summary

|                                |                 |  |        |                               |     |     |                  |                       |  |
|--------------------------------|-----------------|--|--------|-------------------------------|-----|-----|------------------|-----------------------|--|
|                                |                 | (quarters are 1=NW 2=NE 3=SW 4=SE)<br>(quarters are smallest to largest) |        |                               |     |     |                  | (NAD83 UTM in meters) |  |
| Well Tag                       | POD Number      | Q64  | Q16    | Q4                            | Sec | Tws | Rng              | X                     | Y  |
|                                | CP 00317        | 3  | 4      | 3                             | 05  | 20S | 33E              | 623054                | 3607235*  |
| <hr/>                          |                 |  |        |                               |     |     |                  |                       |  |
| Driller License:               | 46              | Driller Company: ABBOTT BROTHERS COMPANY                                 |        |                               |     |     |                  |                       |  |
| Driller Name:                  | ABBOTT, MURRIEL |  |        |                               |     |     |                  |                       |  |
| Drill Start Date:              | 02/05/1966      | Drill Finish Date:   |        | 02/17/1966                    |     |     | Plug Date:       |                       | 04/20/1967   |
| Log File Date:                 | 02/24/1966      | PCW Rcv Date:  |        |                               |     |     | Source:          |                       | Shallow  |
| Pump Type:                     |                 | Pipe Discharge Size:   |        |                               |     |     | Estimated Yield: |                       |  |
| Casing Size:                   | 7.00            | Depth Well:  |        | 680 feet                      |     |     | Depth Water:     |                       | 325 feet   |
| <hr/>                          |                 |  |        |                               |     |     |                  |                       |  |
| Water Bearing Stratifications: |                 | Top  | Bottom | Description                   |     |     |                  |                       |  |
|                                |                 | 520  | 540    | Sandstone/Gravel/Conglomerate |     |     |                  |                       |  |
|                                |                 | 625  | 645    | Sandstone/Gravel/Conglomerate |     |     |                  |                       |  |
|                                |                 | 660  | 675    | Sandstone/Gravel/Conglomerate |     |     |                  |                       |  |
| <hr/>                          |                 |  |        |                               |     |     |                  |                       |  |
| Casing Perforations:           |                 | Top  | Bottom |                               |     |     |                  |                       |  |
|                                |                 | 515  | 575    |                               |     |     |                  |                       |  |

\*UTM location was derived from PLSS - see Help

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POD SUMMARY - CP 00317



# 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       |
|----------|---------------|-----|-----|----|-----|-----|-----|--------|---------|
|          | CP 01656 POD3 | 3   | 4   | 3  | 17  | 19S | 32E | 613374 | 3613633 |

Driller License: 1711

Driller Company: STRAUB CORPORATION

Driller Name: BRYAN, EDWARD

Drill Start Date: 03/28/2017

Drill Finish Date: 03/28/2017

Plug Date: 03/28/2017

Log File Date: 05/05/2017

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well: 30 feet

Depth Water:

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.

8/28/20 4:01 PM

Page 1 of 1

POD SUMMARY - CP 01656 POD3



# 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       |
|----------|---------------|-----|-----|----|-----|-----|-----|--------|---------|
|          | CP 01656 POD1 | 3   | 4   | 3  | 17  | 19S | 32E | 613368 | 3613646 |

|                                     |  |                              |
|-------------------------------------|--|------------------------------|
| <b>Driller License:</b> 1711        | <b>Driller Company:</b> STRAUB CORPORATION |                              |
| <b>Driller Name:</b> EDWARD BRYAN   |  |                              |
| <b>Drill Start Date:</b> 03/28/2017 | <b>Drill Finish Date:</b> 03/28/2017       | <b>Plug Date:</b> 03/28/2017 |
| <b>Log File Date:</b> 05/05/2017    | <b>PCW Rcv Date:</b>                       | <b>Source:</b>               |
| <b>Pump Type:</b>                   | <b>Pipe Discharge Size:</b>                | <b>Estimated Yield:</b>      |
| <b>Casing Size:</b>                 | <b>Depth Well:</b> 70 feet                 | <b>Depth Water:</b>          |

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.



# 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       |
|----------|---------------|-----|-----|----|-----|-----|-----|--------|---------|
|          | CP 01656 POD2 | 3   | 4   | 3  | 17  | 19S | 32E | 613364 | 3613648 |

Driller License: 1711

Driller Company: STRAUB CORPORATION

Driller Name: BRYAN, EDWARD

Drill Start Date: 03/28/2017

Drill Finish Date: 03/28/2017

Plug Date: 03/28/2017

Log File Date: 05/05/2017

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well: 70 feet

Depth Water:

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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POD SUMMARY - CP 01656 POD2



# 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 Tws Rng</b> | <b>X</b>              | <b>Y</b>   |
|                 | CP 00639 POD1     | 3 1 20 19S 32E                     |                    | 613029                | 3612880*  |

---

|                                     |   |
|-------------------------------------|---|
| <b>Driller License:</b> 882         | <b>Driller Company:</b> LARRY'S DRILLING & PUMP CO. |
| <b>Driller Name:</b> FELKINS, LARRY |   |
| <b>Drill Start Date:</b> 02/09/1982 | <b>Drill Finish Date:</b> 02/10/1982                |
| <b>Log File Date:</b> 03/23/1982    | <b>PCW Rcv Date:</b>                                |
| <b>Pump Type:</b>                   | <b>Pipe Discharge Size:</b>                         |
| <b>Casing Size:</b>                 | <b>Depth Well:</b> 350 feet                         |
|                                     | <b>Plug Date:</b>                                   |
|                                     | <b>Source:</b> Shallow                              |
|                                     | <b>Estimated Yield:</b>                             |
|                                     | <b>Depth Water:</b> 345 feet                        |

\*UTM location was derived from PLSS - see Help

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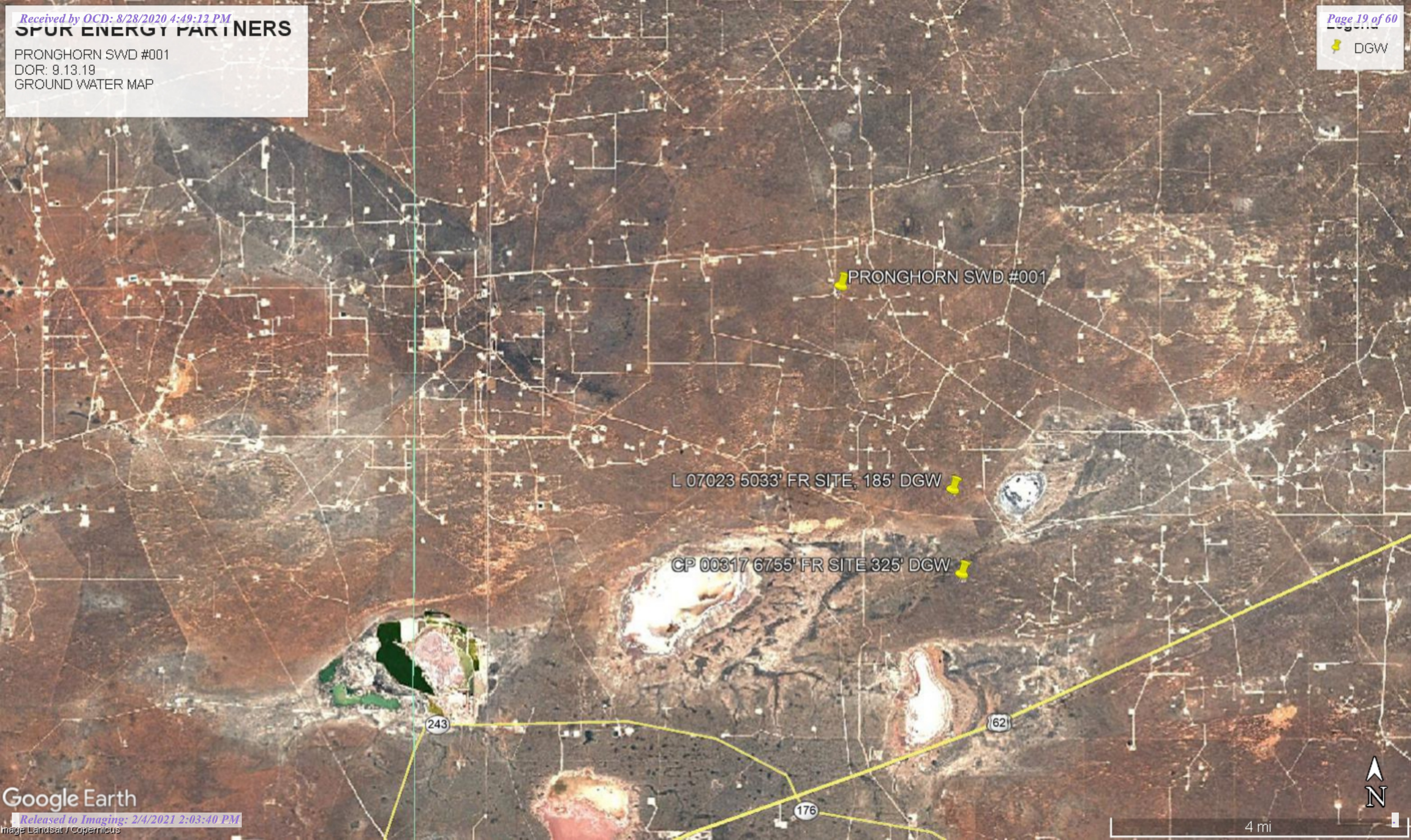
POD SUMMARY - CP 00639 POD1



**SPUR ENERGY PARTNERS**

PRONGHORN SWD #001  
DOR: 9.13.19  
GROUND WATER MAP

 DGW

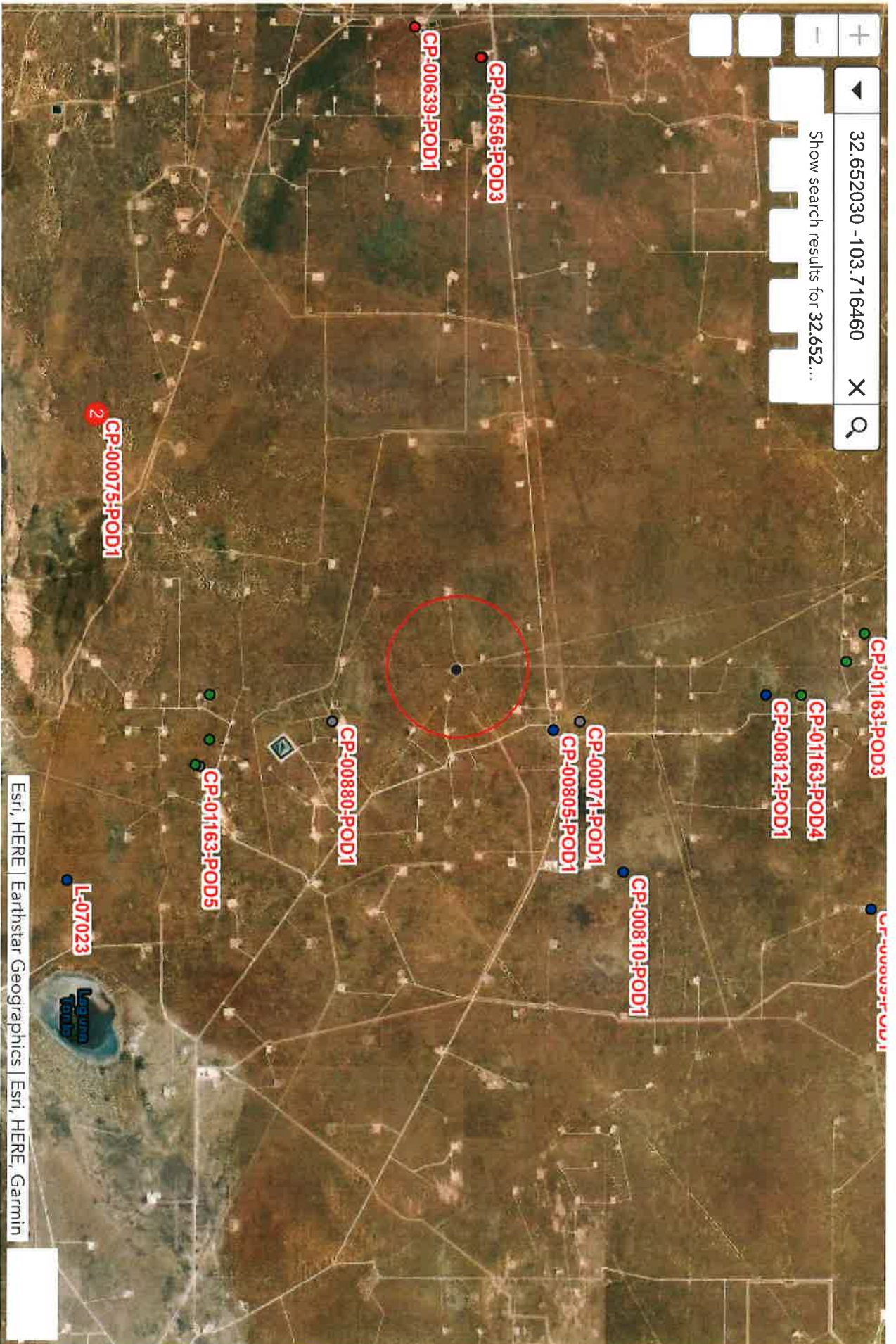




USE POD Locations

Points of Diversion visible at 1:17,000 with 1,000 features per view

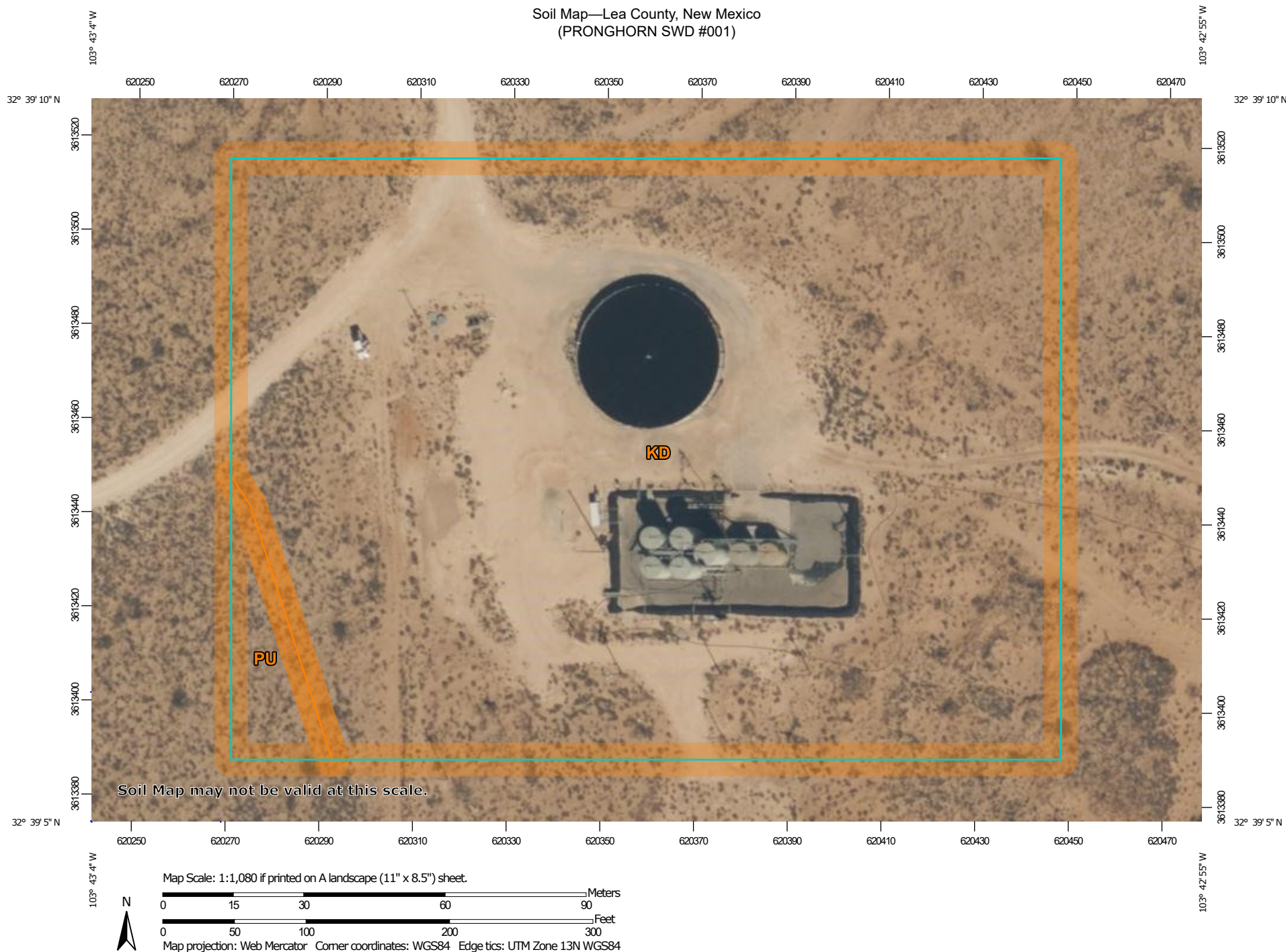
water rights look up



1:72223  
-103 737 32 675 Degrees



Soil Map—Lea County, New Mexico  
(PRONGHORN SWD #001)



Natural Resources  
Conservation Service


Web Soil Survey  
National Cooperative Soil Survey

8/28/2020  
Page 1 of 3

Soil Map—Lea County, New Mexico  
(PRONGHORN SWD #001)


## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 17, Jun 8, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

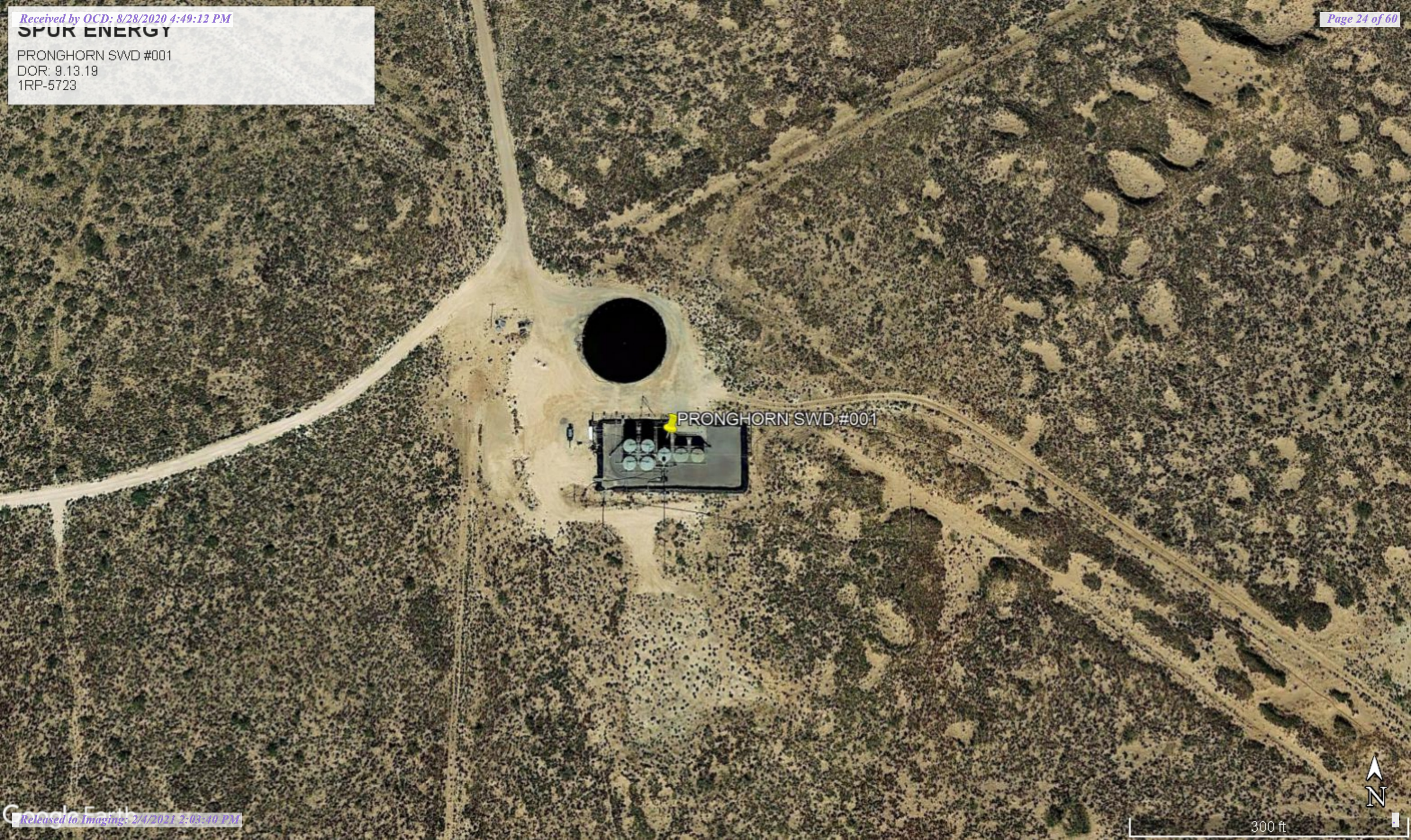
## Map Unit Legend

| Map Unit Symbol                    | Map Unit Name                                     | Acres in AOI | Percent of AOI |
|------------------------------------|---|--------------|----------------|
| KD                                 | Kermit-Palomas fine sands, 0 to 12 percent slopes | 5.4          | 96.9%          |
| PU                                 | Pyote and Maljamar fine sands                     | 0.2          | 3.1%           |
| <b>Totals for Area of Interest</b> |   | <b>5.6</b>   | <b>100.0%</b>  |



**SPUR ENERGY**

PRONGHORN SWD #001  
DOR: 9.13.19  
1RP-5723



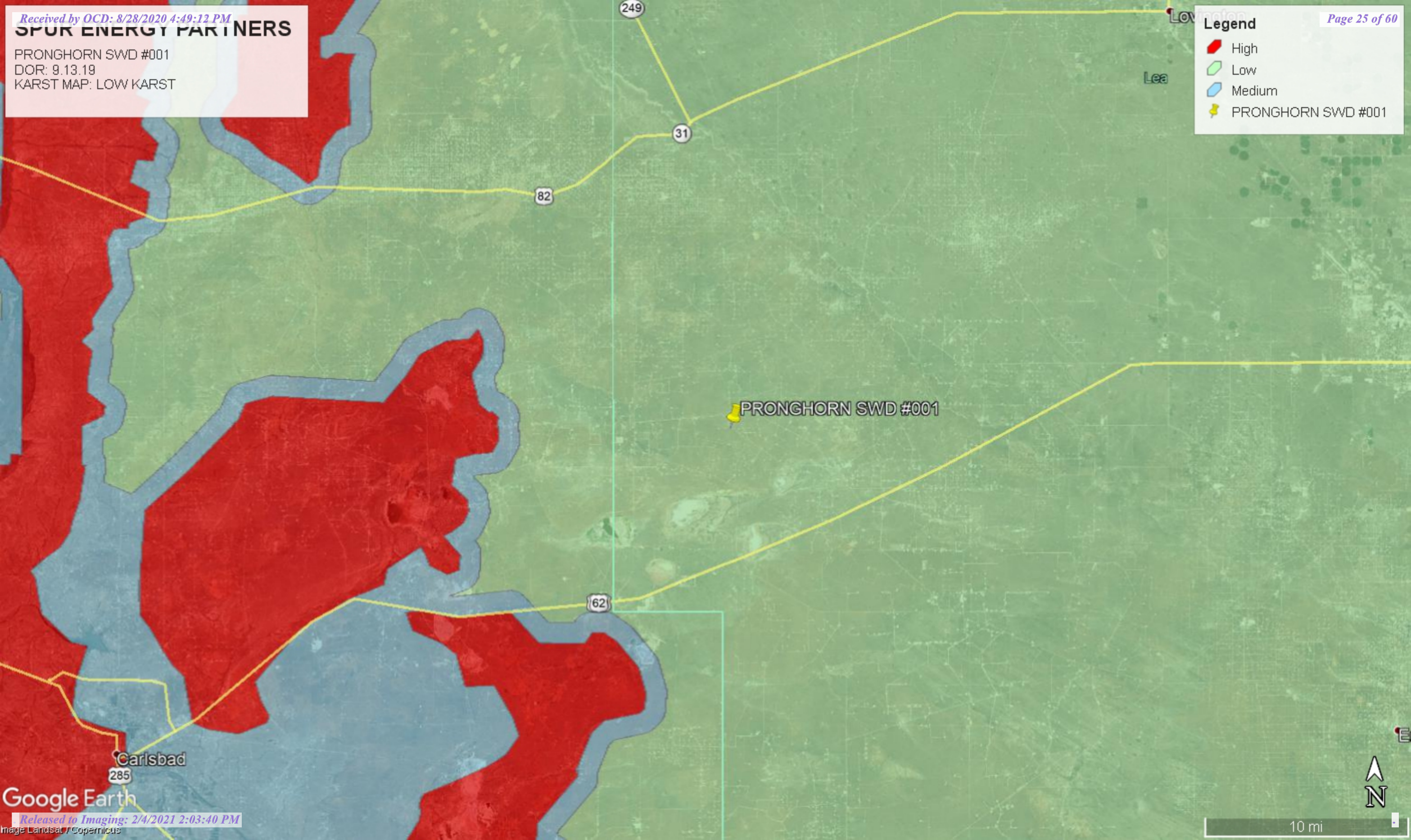


**SPUR ENERGY PARTNERS**

PRONGHORN SWD #001  
DOR: 9.13.19  
KARST MAP: LOW KARST

**Legend**

- High
- Low
- Medium
- PRONGHORN SWD #001



Company Name: SPUR ENERGYLocation Name: PRONGHORN SWD #001Release Date: 9/13/2019

| SP ID | Depth   | Titre | PID | L-BTEX | L-GRO | L-DRO | L-ORO | L-TPH | L-CHL | Soil | Notes |
|-------|---------|-------|-----|--------|-------|-------|-------|-------|-------|------|-------|
| BG    | SURFACE | 20    |     | ND     | ND    | ND    | ND    | ND    | ND    |      |       |
| SP1   | SURFACE | 400   |     |        |       |       |       |       |       |      |       |
|       | 1'      | 240   |     |        |       |       |       |       |       |      |       |
|       | 2'      | 240   |     |        |       |       |       |       |       |      |       |
|       | 3'      | 240   |     |        |       |       |       |       |       |      |       |
|       | 4'      | 240   |     | ND     | ND    | ND    | ND    | ND    | 203   |      |       |
| SP2   | SURFACE | 320   |     |        |       |       |       |       |       |      |       |
|       | 1'      | 320   |     |        |       |       |       |       |       |      |       |
|       | 2'      | 240   |     |        |       |       |       |       |       |      |       |
|       | 3'      | 160   |     |        |       |       |       |       |       |      |       |
|       | 4'      | 160   |     | ND     | ND    | ND    | ND    | ND    | 68.8  |      |       |
| SP3   | SURFACE | 400   |     |        |       |       |       |       |       |      |       |
|       | 1'      | 320   |     |        |       |       |       |       |       |      |       |
|       | 2'      | 240   |     |        |       |       |       |       |       |      |       |
|       | 3'      | 240   |     |        |       |       |       |       |       |      |       |
|       | 4'      | 60    |     | ND     | ND    | ND    | ND    | ND    | ND    |      |       |



# SPUR ENERGY PARTNERS

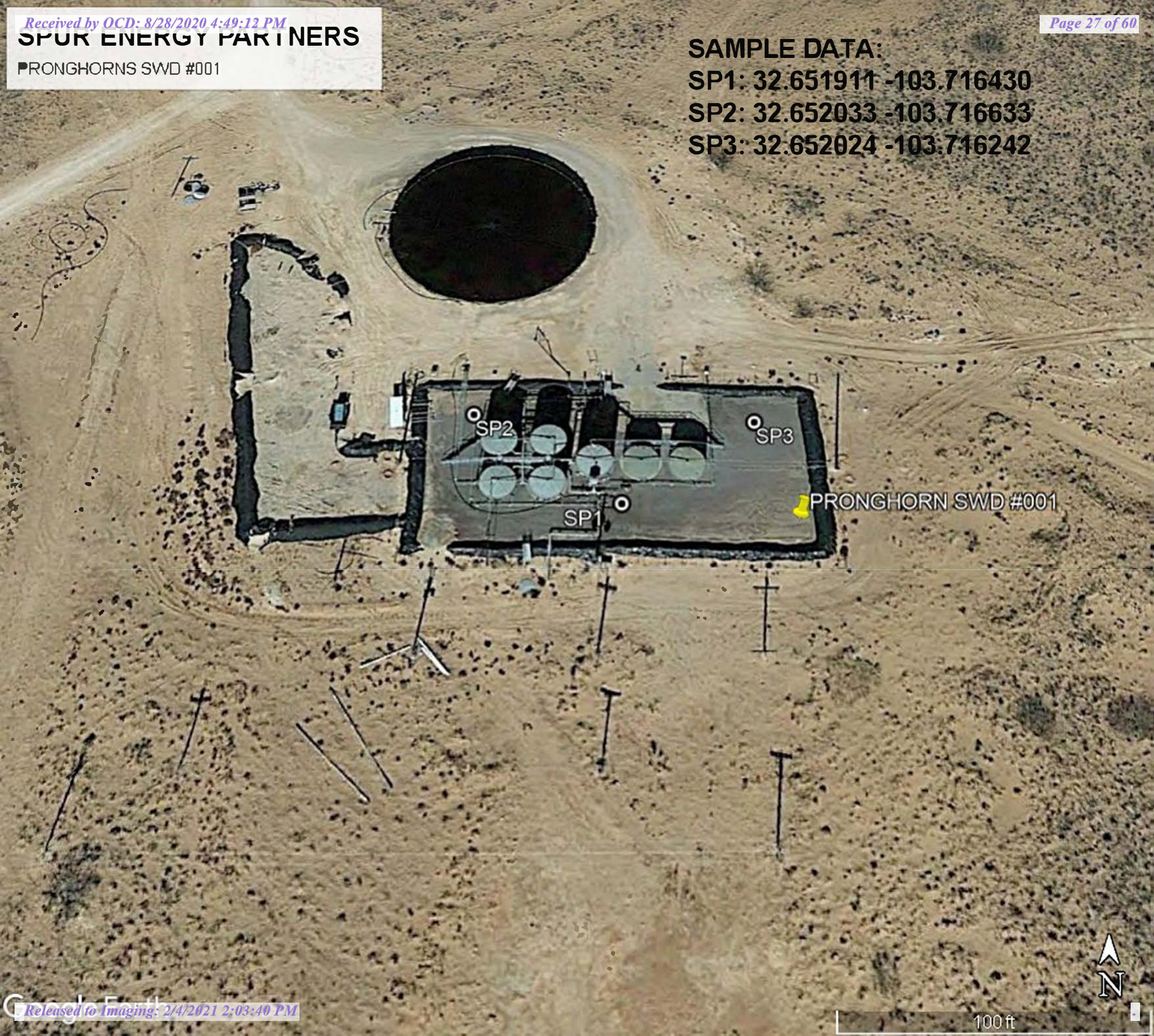
PRONGHORNS SWD #001

## SAMPLE DATA:

SP1: 32.651911 -103.716430

SP2: 32.652033 -103.716633

SP3: 32.652024 -103.716242







## Analytical Report

### Report Summary

Client: Spur

Samples Received: 8/25/2020

Job Number: 20046-0001

Work Order: P008078

Project Name/Location: Pronghorn SWD

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue rectangular background.

Date: 8/26/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.  
Statement of Data Authenticity: Envirotech, Inc. attests the data reported has not been altered in any way.  
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Envirotech, Inc. holds the Utah TNI certification NM009792018-1 for the data reported.  
Envirotech, Inc. holds the Texas TNI certification T104704557-19-2 for the data reported.







|                 |                  |               |                                    |
|-----------------|------------------|---------------|------------------------------------|
| Spur            | Project Name:    | Pronghorn SWD | <b>Reported:</b><br>08/26/20 15:21 |
| PO Box 1058     | Project Number:  | 20046-0001    |                                    |
| Hobbs NM, 88240 | Project Manager: | Brady Moulder |                                    |

### Sample Summary

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| Background       | P008078-01A   | Soil   | 08/24/20 | 08/24/20 | Glass Jar, 4 oz. |
| SP1 4'           | P008078-02A   | Soil   | 08/24/20 | 08/24/20 | Glass Jar, 4 oz. |
| SP2 4'           | P008078-03A   | Soil   | 08/24/20 | 08/24/20 | Glass Jar, 4 oz. |
| SP3 4'           | P008078-04A   | Soil   | 08/24/20 | 08/24/20 | Glass Jar, 4 oz. |

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|                 |                  |               |                                    |
|-----------------|------------------|---------------|------------------------------------|
| Spur            | Project Name:    | Pronghorn SWD | <b>Reported:</b><br>08/26/20 15:21 |
| PO Box 1058     | Project Number:  | 20046-0001    |                                    |
| Hobbs NM, 88240 | Project Manager: | Brady Moulder |                                    |

**Background**  
**P008078-01 (Solid)**

| Analyte   | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes          |
|---|--------|-----------------|----------|----------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           |          |          |          | Batch: 2035008 |
| Benzene   | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| Toluene   | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 08/25/20 | 08/25/20 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        | 103 %           | 50-150   | 08/25/20 | 08/25/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           |          |          |          | Batch: 2035008 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 08/25/20 | 08/25/20 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        | 90.3 %          | 50-150   | 08/25/20 | 08/25/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           |          |          |          | Batch: 2035012 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 08/24/20 | 08/25/20 |                |
| Oil Range Organics (C28-C40)                          | ND     | 50.0            | 1        | 08/24/20 | 08/25/20 |                |
| <i>Surrogate: n-Nonane</i>                            |        | 99.2 %          | 50-200   | 08/24/20 | 08/25/20 |                |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           |          |          |          | Batch: 2035013 |
| Chloride  | ND     | 20.0            | 1        | 08/25/20 | 08/25/20 |                |

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|                 |                  |               |                                    |
|-----------------|------------------|---------------|------------------------------------|
| Spur            | Project Name:    | Pronghorn SWD | <b>Reported:</b><br>08/26/20 15:21 |
| PO Box 1058     | Project Number:  | 20046-0001    |                                    |
| Hobbs NM, 88240 | Project Manager: | Brady Moulder |                                    |

**SP1 4'**  
**P008078-02 (Solid)**

| Analyte   | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes          |
|---|--------|-----------------|----------|----------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           |          |          |          | Batch: 2035008 |
| Benzene   | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| Toluene   | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 08/25/20 | 08/25/20 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        | 102 %           | 50-150   | 08/25/20 | 08/25/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           |          |          |          | Batch: 2035008 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 08/25/20 | 08/25/20 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        | 90.8 %          | 50-150   | 08/25/20 | 08/25/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           |          |          |          | Batch: 2035012 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 08/24/20 | 08/25/20 |                |
| Oil Range Organics (C28-C40)                          | ND     | 50.0            | 1        | 08/24/20 | 08/25/20 |                |
| <i>Surrogate: n-Nonane</i>                            |        | 72.5 %          | 50-200   | 08/24/20 | 08/25/20 |                |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           |          |          |          | Batch: 2035013 |
| Chloride  | 203    | 20.0            | 1        | 08/25/20 | 08/25/20 |                |

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|                 |                  |               |                                    |
|-----------------|------------------|---------------|------------------------------------|
| Spur            | Project Name:    | Pronghorn SWD | <b>Reported:</b><br>08/26/20 15:21 |
| PO Box 1058     | Project Number:  | 20046-0001    |                                    |
| Hobbs NM, 88240 | Project Manager: | Brady Moulder |                                    |

**SP2 4'**  
**P008078-03 (Solid)**

| Analyte   | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes          |
|---|--------|-----------------|----------|----------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           |          |          |          | Batch: 2035008 |
| Benzene   | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| Toluene   | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 08/25/20 | 08/25/20 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        | 102 %           | 50-150   | 08/25/20 | 08/25/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           |          |          |          | Batch: 2035008 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 08/25/20 | 08/25/20 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        | 89.2 %          | 50-150   | 08/25/20 | 08/25/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           |          |          |          | Batch: 2035012 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 08/24/20 | 08/25/20 |                |
| Oil Range Organics (C28-C40)                          | ND     | 50.0            | 1        | 08/24/20 | 08/25/20 |                |
| <i>Surrogate: n-Nonane</i>                            |        | 73.5 %          | 50-200   | 08/24/20 | 08/25/20 |                |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           |          |          |          | Batch: 2035013 |
| Chloride  | 68.8   | 20.0            | 1        | 08/25/20 | 08/25/20 |                |

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|                 |                  |               |                                    |
|-----------------|------------------|---------------|------------------------------------|
| Spur            | Project Name:    | Pronghorn SWD | <b>Reported:</b><br>08/26/20 15:21 |
| PO Box 1058     | Project Number:  | 20046-0001    |                                    |
| Hobbs NM, 88240 | Project Manager: | Brady Moulder |                                    |

**SP3 4'**  
**P008078-04 (Solid)**

| Analyte   | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes          |
|---|--------|-----------------|----------|----------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           |          |          |          | Batch: 2035008 |
| Benzene   | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| Toluene   | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 08/25/20 | 08/25/20 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 08/25/20 | 08/25/20 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        | 102 %           | 50-150   | 08/25/20 | 08/25/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           |          |          |          | Batch: 2035008 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 08/25/20 | 08/25/20 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        | 88.7 %          | 50-150   | 08/25/20 | 08/25/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           |          |          |          | Batch: 2035012 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 08/24/20 | 08/25/20 |                |
| Oil Range Organics (C28-C40)                          | ND     | 50.0            | 1        | 08/24/20 | 08/25/20 |                |
| <i>Surrogate: n-Nonane</i>                            |        | 85.2 %          | 50-200   | 08/24/20 | 08/25/20 |                |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           |          |          |          | Batch: 2035013 |
| Chloride  | ND     | 20.0            | 1        | 08/25/20 | 08/25/20 |                |

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|                 |                  |               |                             |
|-----------------|------------------|---------------|-----------------------------|
| Spur            | Project Name:    | Pronghorn SWD | Reported:<br>08/26/20 15:21 |
| PO Box 1058     | Project Number:  | 20046-0001    |                             |
| Hobbs NM, 88240 | Project Manager: | Brady Moulder |                             |

### Volatile Organics by EPA 8021B - Quality Control

| Analyte | Result | Reporting Limit | Spike Level | Source Result | REC | REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

#### Blank (2035008-BLK1)

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

|                                     |      |        |      |  |     |        |  |  |  |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| Benzene                             | ND   | 0.0250 |      |  |     |        |  |  |  |
| Toluene                             | ND   | 0.0250 |      |  |     |        |  |  |  |
| Ethylbenzene                        | ND   | 0.0250 |      |  |     |        |  |  |  |
| p,m-Xylene                          | ND   | 0.0500 |      |  |     |        |  |  |  |
| o-Xylene                            | ND   | 0.0250 |      |  |     |        |  |  |  |
| Total Xylenes                       | ND   | 0.0250 |      |  |     |        |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.21 |        | 8.00 |  | 103 | 50-150 |  |  |  |

#### LCS (2035008-BS1)

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

|                                     |      |        |      |  |     |        |  |  |  |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| Benzene                             | 5.13 | 0.0250 | 5.00 |  | 103 | 70-130 |  |  |  |
| Toluene                             | 5.13 | 0.0250 | 5.00 |  | 103 | 70-130 |  |  |  |
| Ethylbenzene                        | 5.10 | 0.0250 | 5.00 |  | 102 | 70-130 |  |  |  |
| p,m-Xylene                          | 10.2 | 0.0500 | 10.0 |  | 102 | 70-130 |  |  |  |
| o-Xylene                            | 5.15 | 0.0250 | 5.00 |  | 103 | 70-130 |  |  |  |
| Total Xylenes                       | 15.4 | 0.0250 | 15.0 |  | 102 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.47 |        | 8.00 |  | 106 | 50-150 |  |  |  |

#### Matrix Spike (2035008-MS1)

Source: P008061-21

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

|                                     |      |        |      |    |     |        |  |  |  |
|-------------------------------------|------|--------|------|----|-----|--------|--|--|--|
| Benzene                             | 5.31 | 0.0250 | 5.00 | ND | 106 | 54-133 |  |  |  |
| Toluene                             | 5.31 | 0.0250 | 5.00 | ND | 106 | 61-130 |  |  |  |
| Ethylbenzene                        | 5.27 | 0.0250 | 5.00 | ND | 105 | 61-133 |  |  |  |
| p,m-Xylene                          | 10.6 | 0.0500 | 10.0 | ND | 106 | 63-131 |  |  |  |
| o-Xylene                            | 5.31 | 0.0250 | 5.00 | ND | 106 | 63-131 |  |  |  |
| Total Xylenes                       | 15.9 | 0.0250 | 15.0 | ND | 106 | 63-131 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.43 |        | 8.00 |    | 105 | 50-150 |  |  |  |

#### Matrix Spike Dup (2035008-MSD1)

Source: P008061-21

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

|                                     |      |        |      |    |     |        |      |    |  |
|-------------------------------------|------|--------|------|----|-----|--------|------|----|--|
| Benzene                             | 5.16 | 0.0250 | 5.00 | ND | 103 | 54-133 | 2.89 | 20 |  |
| Toluene                             | 5.14 | 0.0250 | 5.00 | ND | 103 | 61-130 | 3.22 | 20 |  |
| Ethylbenzene                        | 5.11 | 0.0250 | 5.00 | ND | 102 | 61-133 | 3.16 | 20 |  |
| p,m-Xylene                          | 10.2 | 0.0500 | 10.0 | ND | 102 | 63-131 | 3.16 | 20 |  |
| o-Xylene                            | 5.14 | 0.0250 | 5.00 | ND | 103 | 63-131 | 3.28 | 20 |  |
| Total Xylenes                       | 15.4 | 0.0250 | 15.0 | ND | 102 | 63-131 | 3.20 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.36 |        | 8.00 |    | 104 | 50-150 |      |    |  |

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|                 |                  |               |                  |
|-----------------|------------------|---------------|------------------|
| Spur            | Project Name:    | Pronghorn SWD |                  |
| PO Box 1058     | Project Number:  | 20046-0001    | <b>Reported:</b> |
| Hobbs NM, 88240 | Project Manager: | Brady Moulder | 08/26/20 15:21   |

### Nonhalogenated Organics by EPA 8015D - GRO - Quality Control

| Analyte | Result | Reporting Limit | Spike Level | Source Result | REC | REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

#### Blank (2035008-BLK1)

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.21 |      | 8.00 |  | 90.1 | 50-150 |  |  |  |

#### LCS (2035008-BS2)

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 43.8 | 20.0 | 50.0 |  | 87.6 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.05 |      | 8.00 |  | 88.1 | 50-150 |  |  |  |

#### Matrix Spike (2035008-MS2)

Source: P008061-21

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

|   |      |      |      |    |      |        |  |  |  |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 45.4 | 20.0 | 50.0 | ND | 90.8 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.03 |      | 8.00 |    | 87.9 | 50-150 |  |  |  |

#### Matrix Spike Dup (2035008-MSD2)

Source: P008061-21

Prepared: 08/24/20 1 Analyzed: 08/25/20 1

|   |      |      |      |    |      |        |      |    |  |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 43.0 | 20.0 | 50.0 | ND | 85.9 | 70-130 | 5.51 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.43 |      | 8.00 |    | 92.9 | 50-150 |      |    |  |

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|                 |                  |               |                                    |
|-----------------|------------------|---------------|------------------------------------|
| Spur            | Project Name:    | Pronghorn SWD | <b>Reported:</b><br>08/26/20 15:21 |
| PO Box 1058     | Project Number:  | 20046-0001    |                                    |
| Hobbs NM, 88240 | Project Manager: | Brady Moulder |                                    |

### Nonhalogenated Organics by EPA 8015D - DRO/ORO - Quality Control

| Analyte | Result | Reporting Limit | Spike Level | Source Result | REC | REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

#### Blank (2035012-BLK1)

Prepared: 08/24/20 1 Analyzed: 08/25/20 0

|                                 |      |      |      |  |     |        |  |  |  |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |     |        |  |  |  |
| Oil Range Organics (C28-C40)    | ND   | 50.0 |      |  |     |        |  |  |  |
| Surrogate: n-Nonane             | 53.3 |      | 50.0 |  | 107 | 50-200 |  |  |  |

#### LCS (2035012-BS1)

Prepared: 08/24/20 1 Analyzed: 08/25/20 0

|                                 |      |      |      |  |      |        |  |  |  |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 476  | 25.0 | 500  |  | 95.2 | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 51.5 |      | 50.0 |  | 103  | 50-200 |  |  |  |

#### Matrix Spike (2035012-MS1)

Source: P008061-23

Prepared: 08/24/20 1 Analyzed: 08/25/20 0

|                                 |      |      |      |    |      |        |  |  |  |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 505  | 25.0 | 500  | ND | 101  | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 25.5 |      | 50.0 |    | 51.0 | 50-200 |  |  |  |

#### Matrix Spike Dup (2035012-MSD1)

Source: P008061-23

Prepared: 08/24/20 1 Analyzed: 08/25/20 0

|                                 |      |      |      |    |      |        |      |    |  |
|---------------------------------|------|------|------|----|------|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 498  | 25.0 | 500  | ND | 99.7 | 38-132 | 1.29 | 20 |  |
| Surrogate: n-Nonane             | 43.9 |      | 50.0 |    | 87.9 | 50-200 |      |    |  |

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|                 |                  |               |                  |
|-----------------|------------------|---------------|------------------|
| Spur            | Project Name:    | Pronghorn SWD |                  |
| PO Box 1058     | Project Number:  | 20046-0001    | <b>Reported:</b> |
| Hobbs NM, 88240 | Project Manager: | Brady Moulder | 08/26/20 15:21   |

#### Anions by EPA 300.0/9056A - Quality Control

| Analyte | Result | Reporting Limit | Spike Level | Source Result | REC | REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

#### Blank (2035013-BLK1)

Prepared: 08/25/20 0 Analyzed: 08/25/20 1

|          |    |      |
|----------|----|------|
| Chloride | ND | 20.0 |
|----------|----|------|

#### LCS (2035013-BS1)

Prepared: 08/25/20 0 Analyzed: 08/25/20 1

|          |     |      |     |      |        |
|----------|-----|------|-----|------|--------|
| Chloride | 247 | 20.0 | 250 | 98.7 | 90-110 |
|----------|-----|------|-----|------|--------|

#### Matrix Spike (2035013-MS1)

Source: P008061-21

Prepared: 08/25/20 0 Analyzed: 08/25/20 1

|          |     |      |     |      |     |        |
|----------|-----|------|-----|------|-----|--------|
| Chloride | 308 | 20.0 | 250 | 55.3 | 101 | 80-120 |
|----------|-----|------|-----|------|-----|--------|

#### Matrix Spike Dup (2035013-MSD1)

Source: P008061-21

Prepared: 08/25/20 0 Analyzed: 08/25/20 1

|          |     |      |     |      |     |        |      |    |
|----------|-----|------|-----|------|-----|--------|------|----|
| Chloride | 311 | 20.0 | 250 | 55.3 | 102 | 80-120 | 1.11 | 20 |
|----------|-----|------|-----|------|-----|--------|------|----|

#### QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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|                 |                  |               |                  |
|-----------------|------------------|---------------|------------------|
| Spur            | Project Name:    | Pronghorn SWD |                  |
| PO Box 1058     | Project Number:  | 20046-0001    | <b>Reported:</b> |
| Hobbs NM, 88240 | Project Manager: | Brady Moulder | 08/26/20 15:21   |

### Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

\*\* Methods marked with \*\* are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com





**envirotech**  
Analytical Laboratory

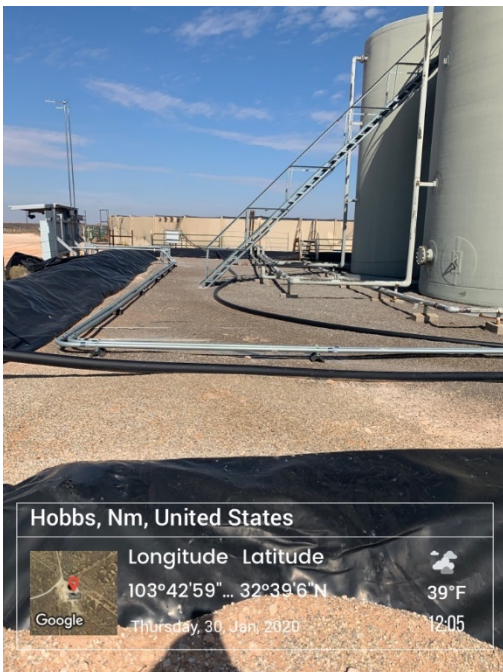
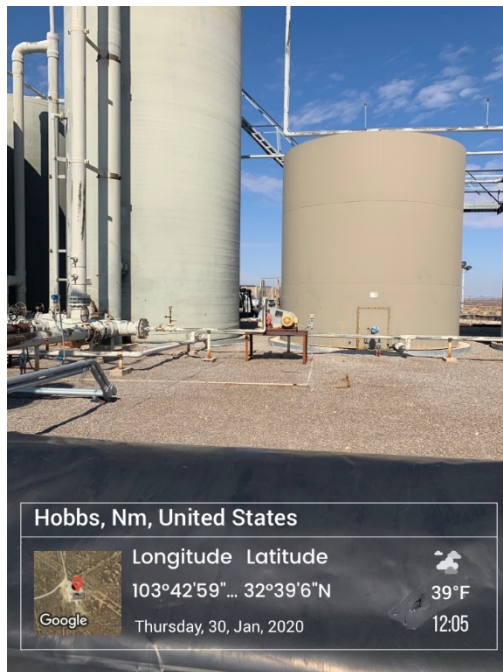
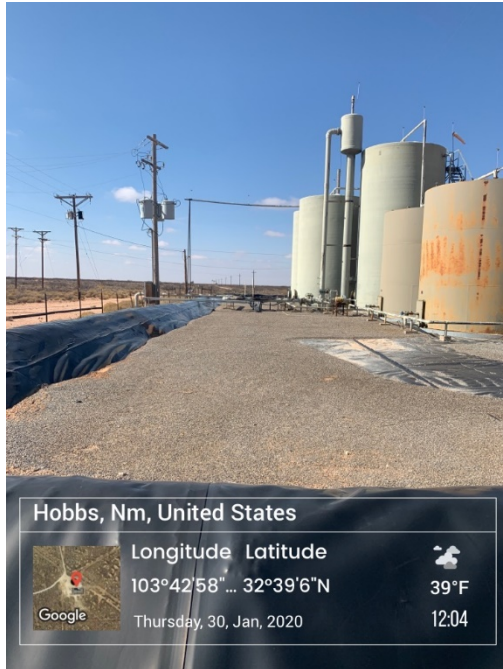
envirotech-inc.com  
labadmin@envirotech-inc.com



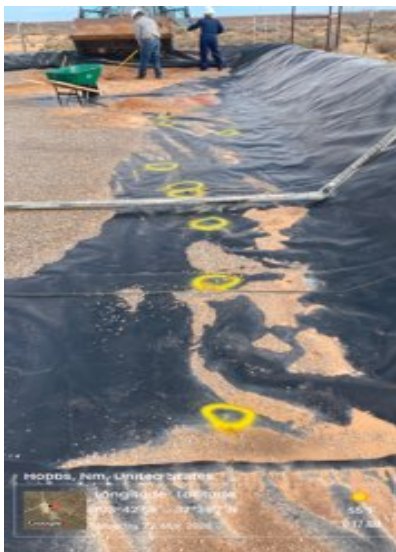
**PRONGHORN SWD #001  
BEGINNING PHOTO PAGE**







# SPUR ENERGY PRONGHORN DURING PHOTOS





## SPUR ENERGY PRONGHORN DURING PHOTOS



## SPUR ENERGY PRONGHORN DURING PHOTOS

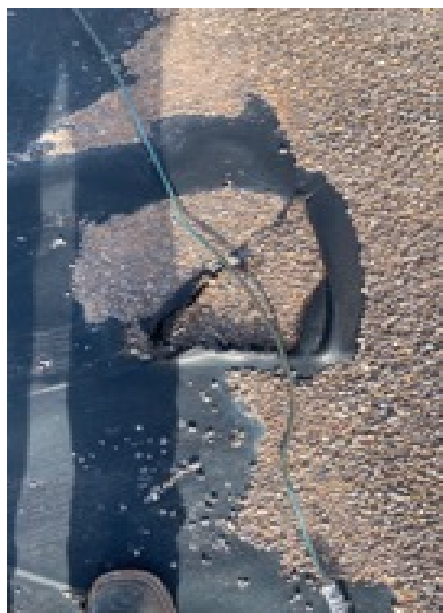




# SPUR ENERGY PRONGHORN DURING PHOTOS



# SPUR ENERGY PRONGHORN DURING PHOTOS





# SPUR ENERGY PRONGHORN DURING PHOTOS



## SPUR ENERGY PRONGHORN DURING PHOTOS



## SPUR ENERGY PRONGHORN DURING PHOTOS





# SPUR ENERGY PRONGHORN SWD #001 FINAL PHOTOS



# SPUR ENERGY PRONGHORN SWD #001 FINAL PHOTOS





# SPUR ENERGY PRONGHORN SWD #001 FINAL PHOTOS





# SPUR ENERGY PRONGHORN SWD #001 FINAL PHOTOS



**natalie@energystaffingllc.com**

---

**From:** Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>  
**Sent:** Friday, August 14, 2020 1:27 PM  
**To:** natalie@energystaffingllc.com  
**Subject:** FW: NRM1927460517 PRONGHORN SWD #001 @ 30-025-32735  
**Attachments:** (C-141 Closure) NRM1927460517.pdf

Natalie,

I apologize, I sent this to the wrong email address. Please see the email below.

Thanks,  
Cristina Eads | 505-670-5601

**From:** Eads, Cristina, EMNRD  
**Sent:** Friday, August 14, 2020 12:24 PM  
**To:** 'nagladden@energystaffing.com' <nagladden@energystaffing.com>  
**Cc:** Mike EMNRD Bratcher (mike.bratcher@state.nm.us) <mike.bratcher@state.nm.us>; Robert EMNRD Hamlet (Robert.Hamlet@state.nm.us) <Robert.Hamlet@state.nm.us>; Victoria EMNRD Venegas (Victoria.Venegas@state.nm.us) <Victoria.Venegas@state.nm.us>  
**Subject:** NRM1927460517 PRONGHORN SWD #001 @ 30-025-32735

**NRM1927460517 PRONGHORN SWD #001 @ 30-025-32735**

Natalie,

The OCD has denied the submitted Closure Request C-141 for incident # NRM1927460517 for the following reason:

- Soil samples were not collected and analyzed at a lab where perforations in the liner were found. Because the liner was found to be compromised in several locations, additional investigation needs to take place to ensure soils have not been impacted.

I would also like to note that the depth to groundwater has not been adequately determined at this site. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site and the data should be no more than 25 years old, and well construction information should be provided. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine depth to groundwater. If the responsible party chooses to drill to determine depth to groundwater, this should be done following 19.27.4 NMAC (WELL DRILLER LICENSING; CONSTRUCTION, REPAIR AND PLUGGING OF WELLS).

The Denied C-141 can be found in the online image file. Please review and make the required correction prior to resubmitting through the fee portal. If you have any questions or believe this denial is in error, please contact me prior to submitting an additional C-141.

Thanks,

**Cristina Eads**  
Environmental Bureau  
EMNRD – Oil Conservation Division  
5200 Oakland Avenue NE, Suite 100  
Albuquerque, New Mexico 87113

505.670-5601

email: [Cristina.Eads@state.nm.us](mailto:Cristina.Eads@state.nm.us)



OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.



State of New Mexico  
Oil Conservation Division

|                |  |
|----------------|--|
| Incident ID    |  |
| District RP    |  |
| Facility ID    |  |
| Application ID |  |

**Site Assessment/Characterization**

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

|   |   |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release?   | 185' (ft bgs)   |
| Did this release impact groundwater or surface water?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

|                |  |
|----------------|--|
| Incident ID    |  |
| District RP    |  |
| Facility ID    |  |
| Application ID |  |

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Natalie Gladden Title: Director of Environmental and Regulatory

Signature: Natalie Gladden Date: 6/12/20

email: natalie@energystaffing.com Telephone: 575-390-6397

**OCD Only**

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

State of New Mexico  
Oil Conservation Division

|                |  |
|----------------|--|
| Incident ID    |  |
| District RP    |  |
| Facility ID    |  |
| Application ID |  |

## Remediation Plan

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

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Natalie Gladden Title: Director of Environmental & Regulatory

Signature: Natalie Gladden Date: 6/12/20

email: natalie@energystaffingllc.com Telephone: 575-390-6397

**OCD Only**

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

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

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



State of New Mexico  
Oil Conservation Division

|                |               |
|----------------|---------------|
| Incident ID    | NRM1927460517 |
| 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: Natalie Gladden Title: Director of Environmental and Regulatory

Signature:  Date: 8/12/20

email: natalie@energystaffingllc.com Telephone: 575-390-6397

**OCD Only**

Received by: Cristina Eads Date: 08/28/2020

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: 02/04/2021

Printed Name: Cristina Eads Title: Environmental Specialist

**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 9902

CONDITIONS OF APPROVAL

|  |                   |                  |                        |                       |
|--|-------------------|------------------|------------------------|-----------------------|
| Operator:<br>SPUR ENERGY PARTNERS LLC<br>Suite 500<br>Houston, TX77024 | 9655 Katy Freeway | OGRID:<br>328947 | Action Number:<br>9902 | Action Type:<br>C-141 |
| OCD Reviewer<br>ceads  | Condition<br>None |                  |                        |                       |