

AE Order Number Banner

Application Number: pMSG2431842724

SWD-2631

Spur Energy Partners LLC [328947]

Revised March 23, 2017

| | | | |
|-----------|-----------|-------|---------|
| RECEIVED: | REVIEWER: | TYPE: | APP NO: |
|-----------|-----------|-------|---------|

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: _____ OGRID Number: _____
 Well Name: _____ API: _____
 Pool: _____ Pool Code: _____

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL

☐ NSP (PROJECT AREA)

☐ NSP (PRORATION UNIT)

☐ SD

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC

☐ CTB

☐ PLC

☐ PC

☐ OLS

☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX

☐ PMX

☐ SWD

☐ IPI

☐ EOR

☐ PPR

2) **NOTIFICATION REQUIRED TO:** Check those which apply.

A. ☐ Offset operators or lease holders

B. ☐ Royalty, overriding royalty owners, revenue owners

C. ☐ Application requires published notice

D. ☐ Notification and/or concurrent approval by SLO

E. ☐ Notification and/or concurrent approval by BLM

F. ☐ Surface owner

G. ☐ For all of the above, proof of notification or publication is attached, and/or,

H. ☐ No notice required

FOR OCD ONLY

☐

Notice Complete

☐

Application
Content
Complete

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

 Print or Type Name

 Signature

 Date

 Phone Number

 e-mail Address



October 17, 2024

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Attn: Mr. Gerry Razatos, Acting Director

Re: Application of Spur Energy Partners, LLC to recomple and otherwise permit for salt water disposal its Power Federal SWD #2, (API 30-015-27508) located in Section 26, Township 17 South, Range 30 East, NMPM, Eddy County, New Mexico.

Dear Mr. Razatos,

Please find enclosed form C-108 Application for Authority to Inject, supporting the above-referenced request to permit for disposal the subject prospective well. By authorizing the proposed SWD, the applicant can increase much needed disposal capacity for its operations on adjacent leases.

Spur Energy seeks to optimize efficiency, both economically and operationally, of all its operations in southeast New Mexico. Approval of this application is consistent with that goal as well as the NMOCD's mission of preventing waste and protection of correlative rights.

Published legal notice ran in the September 19, 2024, edition of the Artesia Daily Press and offset operators and other affected parties have been notified individually. All required information and attachments are included for a complete Form C-108. The well is located on fee lease, private land and minerals.

I respectfully request that the approval of this salt water disposal well proceed swiftly and if you or your staff requires additional information or has any questions, please do not hesitate to call or email me.

Best regards,

A handwritten signature in blue ink, appearing to read "Ben Stone".

Ben Stone, Partner
SOS Consulting, LLC
Agent for Spur Energy Partners, LLC

Cc: Application attachment and file

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: ***SWD Reinstatement*** and the application ***qualifies*** for administrative approval.
- II. OPERATOR: ***Spur Energy Partners, LLC (Ogrid – 328947)***
ADDRESS: ***9655 Katy Freeway, Ste.500, Houston, Texas 77024***

CONTACT PARTY: ***Sarah Chapman, Spur Regulatory Director (832) 930-8502***
Agent: SOS Consulting, LLC – Ben Stone (936) 377-5696
- III. WELL DATA: ***All well data and applicable wellbore diagrams are ATTACHED hereto.***
- IV. ***This is not an expansion of an existing project.***
- V. ***A map is ATTACHED*** that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- *VI. ***A tabulation is ATTACHED*** of data on all wells of public record within the area of review which penetrate the proposed injection zone. ***(1 AOR well penetrates the subject interval, it is P&A'd.)*** The data includes a description of each well's type, construction, date drilled, location, depth, and a schematic of any plugged well illustrating all plugging detail.
- VII. ***The following data is ATTACHED*** on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. ***Appropriate geologic data on the injection zone is ATTACHED*** including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. ***The well may be acidized to clean perforations and formation w/ approximately 15,000 gals 15% HCl or less.***
- *X. ***A log strip of the subject well is annotated and is ATTACHED.***
- *XI. ***State Engineer's records indicate there are NO water wells within one mile the proposed SWD.***
- XII. ***An affirmative statement is ATTACHED that available geologic and engineering data has been examined and no evidence was found*** of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. ***"Proof of Notice" section on the next page of this form has been completed and ATTACHED.***
There are 8 offset operators; on BLM leases, all have been noticed.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: ***Ben Stone*** TITLE: ***SOS Consulting, LLC agent / consultant for Spur Energy Partners, LLC***

SIGNATURE:  DATE: ***10/17/2024***

E-MAIL ADDRESS: ***ben@sosconsulting.us***

- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Page 2**III. WELL DATA – *The following information and data is included and ATTACHED:***

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE *pursuant to the following criteria is ATTACHED.*

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

| | | | |
|---|--|-------------------------------------|--|
| C-102 Submit Electronically Via OCD Permitting | State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION | Revised July 9, 2024 | |
| | | Submittal Type: | <input type="checkbox"/> Initial Submittal |
| | | | <input checked="" type="checkbox"/> Amended Report |
| | | <input type="checkbox"/> As Drilled | |

WELL LOCATION INFORMATION

| | | |
|--|---|---|
| API Number 30-015-27508 | Pool Code 96099 | Pool Name SWD; Cisco |
| Property Code TBD | Property Name Power Federal | Well Number 2 |
| OGRID No. 328947 | Operator Name Spur Energy Partners, LLC | Ground Level Elevation 3544' |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal | | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

Surface Location

| | | | | | | | | | |
|----|---------|----------|-------|-----|--------------|--------------|------------|-------------|--------|
| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude | Longitude | County |
| I | 26 | 17S | 30E | | 1400' S | 660' E | 32.8021355 | -103.936203 | Eddy |

Bottom Hole Location

| | | | | | | | | | |
|----|---------|----------|-------|-----|--------------|--------------|----------|-----------|--------|
| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude | Longitude | County |
| | same | | | | | | | | |

| | | | | |
|-------------------------------|-------------------------|-------------------|--|--------------------|
| Dedicated Acres n/a | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N) | Consolidation Code |
| Order Numbers. | SWD-pending | | Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No | |

Kick Off Point (KOP)

| | | | | | | | | | |
|----|---------|----------|-------|-----|--------------|--------------|----------|-----------|--------|
| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude | Longitude | County |
| | | | | | | | | | |

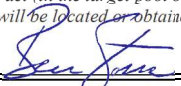
First Take Point (FTP)

| | | | | | | | | | |
|----|---------|----------|-------|-----|--------------|--------------|----------|-----------|--------|
| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude | Longitude | County |
| | | | | | | | | | |

Last Take Point (LTP)

| | | | | | | | | | |
|----|---------|----------|-------|-----|--------------|--------------|----------|-----------|--------|
| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude | Longitude | County |
| | | | | | | | | | |

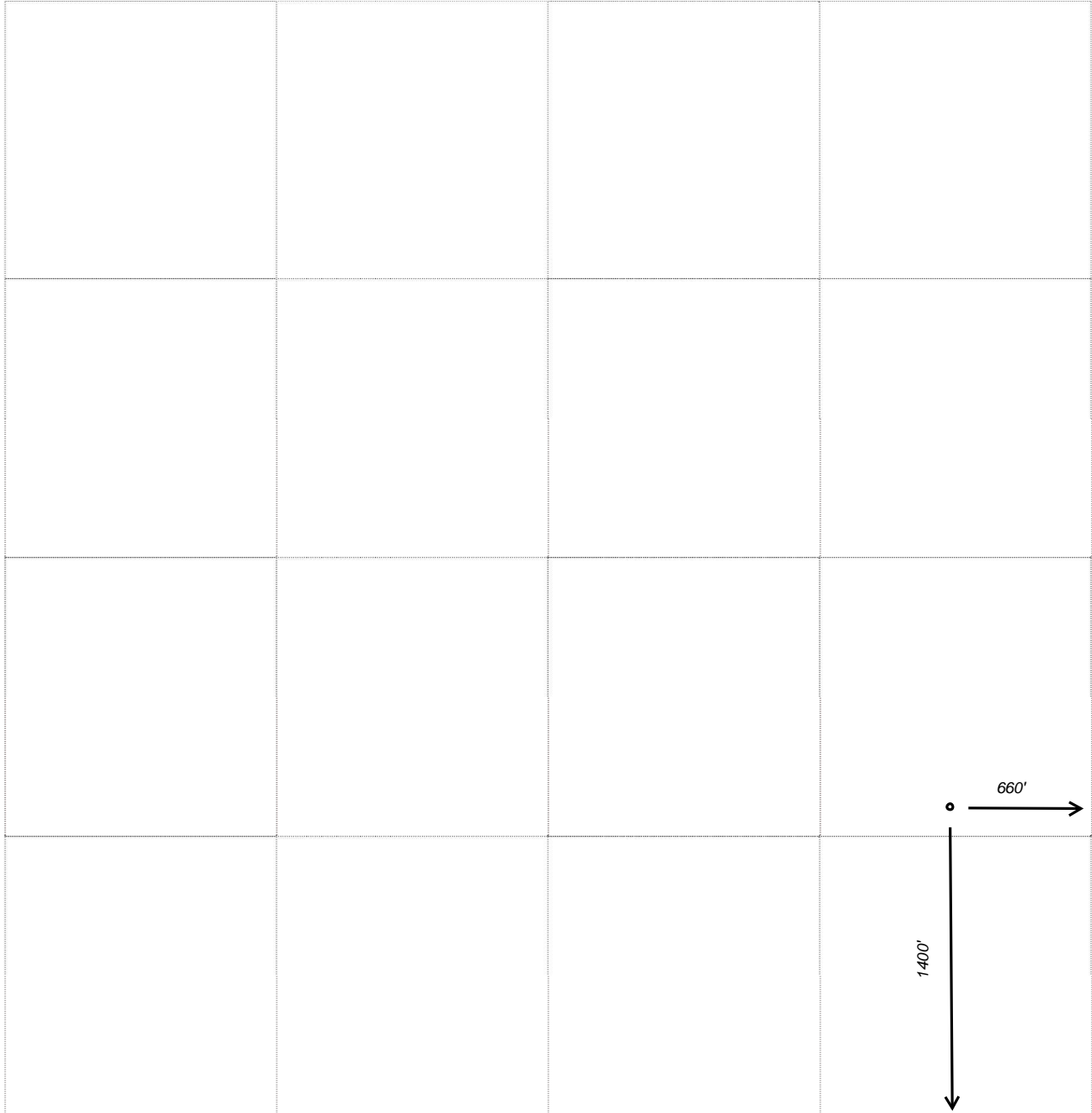
| | | |
|---|---|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
|---|---|-------------------------|

| | | | |
|---|---------------|---|---|
| OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i>  9/11/2024 | | SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Herschel Jones | |
| Signature Ben Stone | Date | Signature and Seal of Professional Surveyor | |
| Printed Name ben@sosconsulting.us | Email Address | Certificate Number 3640 | Date of Survey March 26, 1993 |

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



C-108 - Items III, IV, V

Item III - Subject Well Data

1. Wellbore Diagram - CURRENT
2. Wellbore Diagram – PROPOSED

Item V – Area of Review Maps

1. Two Mile AOR Map with One-Mile Fresh Water Well Radius
2. 1/2-Mile AOR Map

Item VI – Tabulation of AOR Wells

Tabulation includes all wells within a 1/2-mile radius.
1 well penetrates the proposed injection interval; it is P&A'd.
P&A Well Diagram Attached

All Above Exhibits follow this page...

Eddy County, NM
API# 30-015-27508

SPUD DATE: 9/14/96
ELEV: 3,544' GL

13-3/8" # H-40 Csg @ 520'
17 1/2" HOLE
CMT W/ 450 SX
CIRC 120 SX TO PITS

9-5/8" 36# K-55 Csg @ 3,510'
CMT W/ 1500 SX
CIRC TO 200 SX TO PIT

DV TOOL @ 7,997'

TUBING DETAIL

2-3/8" 4.7# N-80 TUBING
4-1/2" x 2-3/8" PACKER @ +/- 10,399'

4-1/2" 11.6# S-95 Csg @ 11,551'
1ST STAGE CMT W/ 720 SX, 215 SX TO PIT
2ND STAGE CMT W/ 1110 SX, NO CMT TO
SURFACE, 1,750' TOC BY TEMP SURVEY

TD @ 11,560'
TVD @ 11,417
PBTD @ 11,326'

STRAWN PERFS (10,416' – 10,662')
10,416' – 10,480'
10,489' – 10,502'
10,610' – 10,662'

CIBP @ 11,351' W/ 35' OF CEMENT

MORROW PERFS (?)



WELL SCHEMATIC - PROPOSED Power Federal SWD Well No.2

API 30-015-27508

1400' FSL & 660' FEL, SEC. 26-T17S-R30E
EDDY COUNTY, NEW MEXICO

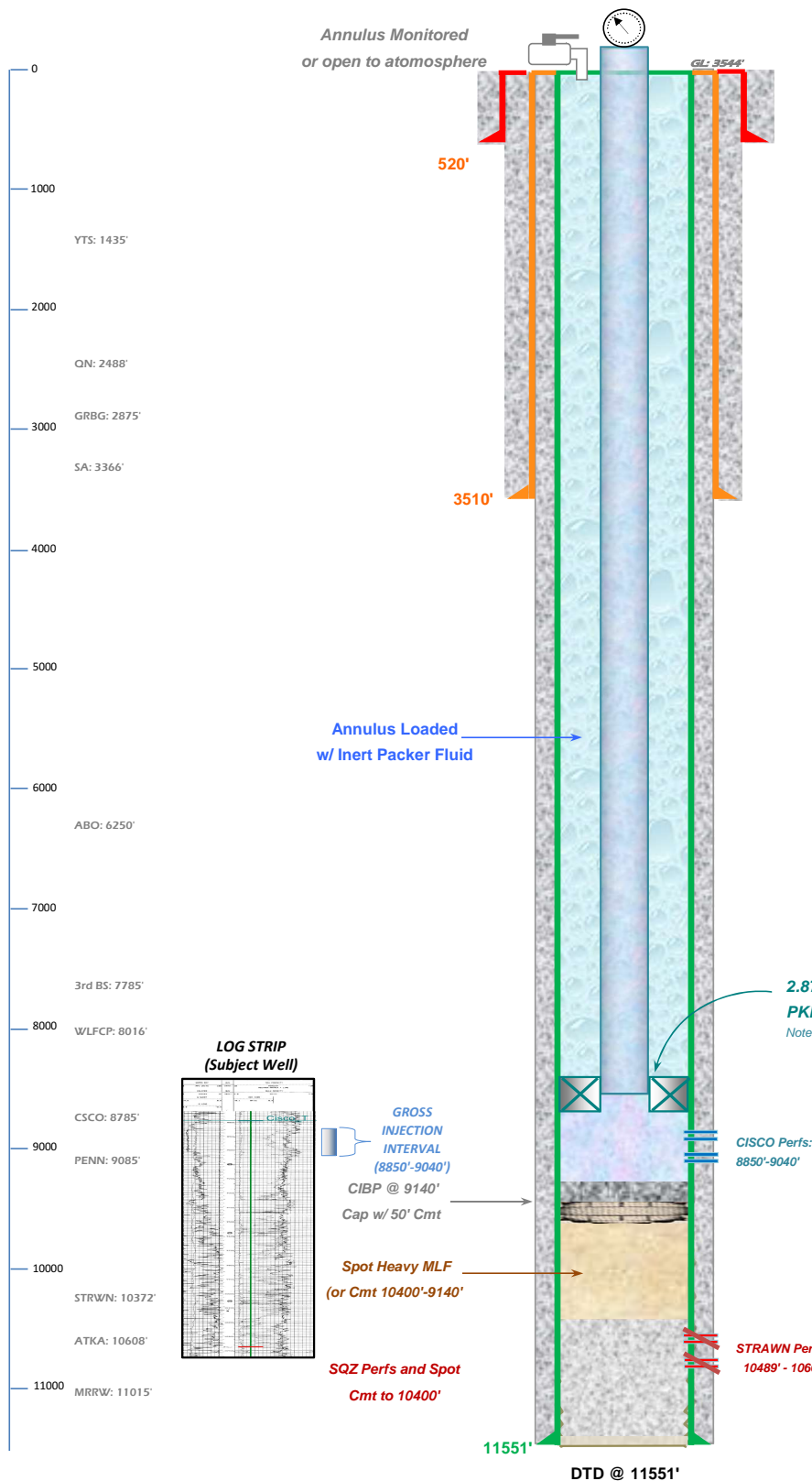
SWD; Cisco (96099)

Spud Date: 9/17/1993
Re-Config SWD Dt (Est): ~2/15Injection Pressure Regulated
and Volumes Reported
1770 psi Max. Surface (0.2 psi/ft)**Surface Casing**13.375", 48.0# H-40 Csg. (17.5" Hole) @ 520'
450 sx - 120 sx Circulated to Surface**Intermediate Casing**9.625", 32.3/ 36.0# K-55 STC Csg. (12.25" Hole) @ 3511'
1500 sx - 200 sx Circulated to Surface**SPUR ENERGY PARTNERS, LLC**

Recomplete to Canyon Interval for SWD: Pull TBG;
RIH w/ workstring to Squeeze STRAWN perms and Spot
cement to 10,400'. Spot heavy MLF (or cement) to
9140'. Set CIBP @ 9140', Cap w/ 50' Cmt.
Perforate Specific Intervals as shown and acidize.

Run PC Tubing and PKR - Conduct Witnessed MIT.

Commence Disposal Operations.



Drawn by: Ben Stone, 10/15/2024





We Know Downhole.

(800) 441-3504 ■ www.dloiltools.com

ASI-X PACKER

The **ASI-X Single String Double-Grip Production Packer** is the most versatile of the mechanically set retrievable packers and may be used in any production application. This packer is suited for treating, testing, or injection applications, in pumping or flowing wells, either deep or shallow. This packer can be left in tension or compression depending on well conditions and the required application.

A large internal by-pass reduces swabbing when running and retrieving. The by-pass closes when the packer is set and opens prior to releasing the upper slips when retrieving to allow pressure equalization. The J-slot design allows easy setting and releasing; 1/4 turn right-hand set, 1/4 turn right-hand release.

The standard ASI-X Packer is designed for differential pressures up to 7,000 PSI

(unless noted otherwise). This packer is also available in an HT version which is designed for differential pressures up to 10,000 PSI (unless noted otherwise). The HT version allows this packer to be utilized in completions where high pressure treating operations are performed and it is desirable to leave the tool in the well for production.

Special Features

- By-pass below upper slips to wash debris when valve is opened
- By-pass is opened before upper slips are released
- Can be set with tension for shallow well applications
- Can be left in tension, compression or neutral
- 1/4 turn right-hand set, 1/4 turn right-hand release
- Additional J-Slot arrangements available



Product Specifications

| Casing | | Recommended Hole Size (inches) | Gage OD (inches) | Max OD (inches) | Tool ID (inches) | Thread Connections Box Up / Pin Down | Part Number | |
|---------------|-----------------|--------------------------------|------------------|--------------------|------------------|--------------------------------------|--------------------|----------------------|
| Size (inches) | Weight (lbs/ft) | | | | | | Std | HT |
| 2-7/8 | 6.4 - 6.5 | 2.375 - 2.441 | 2.250 | 2.263 ¹ | 0.63 | 1.050 EUE | 60325-3E* | - |
| | 8.6 | 2.259 | 2.125 | 2.152 ¹ | 0.63 | 1.050 EUE | 60324-3E* | - |
| 3-1/2 | 7.5 - 7.7 | 3.068 - 3.250 | 2.938 | - | 1.25 | 1.900 NUE | 60336* | - |
| | 7.7 - 10.2 | 2.922 - 3.068 | 2.781 | - | 1.25 | 1.900 NUE | 60335* | - |
| | 12.95 | 2.750 | 2.562 | - | 1.00 | 1.315 EUE / 1.660 EUE | 60337* | - |
| 4 | 9.5 - 11.0 | 3.476 - 3.548 | 3.250 | 3.312 ¹ | 1.50 | 1.900 EUE | 60340* | - |
| | 10.46 - 12.95 | 3.340 - 3.476 | 3.187 | - | 1.50 | 1.900 EUE | 60341* | - |
| 4-1/2 | 9.5 - 13.5 | 3.920 - 4.090 | 3.750 | - | 1.94 | 2-3/8 EUE | 60345 ² | 60345HT ² |
| | 13.5 - 15.1 | 3.826 - 3.920 | 3.650 | - | 1.94 | 2-3/8 EUE | 60344 ² | 60344HT ² |
| | 15.1 | 3.826 | 3.641 | - | 1.94 | 2-3/8 EUE | 60346 | - |
| | 15.1 - 16.6 | 3.754 - 3.826 | 3.594 | - | 1.50 | 1.900 EUE | 60343 | - |
| | 18.8 | 3.640 | 3.437 | - | 1.50 | 1.900 EUE | 60342 | - |

¹Maximum OD is across retracted drag blocks.

²Drilled for wireline.

* Designed for differential pressures up to 10,000 PSI.

Rubber Trim Upgrade Options (additional cost, inquire with a D&L sales associate): HSN, Viton, ECNER/Aflas, ECNER/HSN, EPDM

NOTE: All pricing includes standard Nitrile trim. Other sizes, connections, and rubber options available upon request.

ASI-X Packer Product Specifications (continued)

| Casing | | Recommended Hole Size (inches) | Gage OD (inches) | Max OD (inches) | Tool ID (inches) | Thread Connections Box Up / Pin Down | Part Number | |
|---------------|-----------------|--------------------------------|------------------|--------------------|------------------|--------------------------------------|--------------------|----------------------|
| Size (inches) | Weight (lbs/ft) | | | | | | Std | HT |
| 5 | 11.5 - 15.0 | 4.408 - 4.560 | 4.125 | 4.220 ¹ | 1.94 | 2-3/8 EUE | 60350 | 60350HT |
| | 15.0 - 18.0 | 4.276 - 4.408 | 4.063 | - | 1.94 | 2-3/8 EUE | 60349 | - |
| | 18.0 - 20.8 | 4.156 - 4.276 | 4.000 | 4.010 ¹ | 1.94 | 2-3/8 EUE | 60352 | 60352HT |
| | 21.4 | 4.126 | 3.938 | - | 1.94 | 2-3/8 EUE | 60353 | 60353HT |
| 5-1/2 | 13.0 - 14.0 | 5.012 | 4.813 | - | 2.38 | 2-7/8 EUE | 60358 | 60358HT |
| | 14.0 - 20.0 | 4.778 - 5.012 | 4.625 | - | 2.00 | 2-3/8 EUE | 60355 ² | 60355HT ² |
| | | | | - | 2.38 | 2-7/8 EUE | 60356 ² | 60356HT ² |
| | 20.0 - 23.0 | 4.670 - 4.778 | 4.500 | - | 2.00 | 2-3/8 EUE | 60357 ² | 60357HT ² |
| | | | | - | 2.38 | 2-7/8 EUE | 60359 ² | 60359HT ² |
| | 23.0 - 26.0 | 4.548 - 4.670 | 4.375 | - | 1.94 | 2-3/8 EUE | 60354 | 60354HT |
| | | | 4.406 | - | 2.38 | 2-7/8 EUE | 60351 | 60351HT |
| | 5-3/4 | 15.0 - 16.1 | 5.076 - 5.115 | 5.000 | - | 2.00 | 2-3/8 EUE | 60357X |
| - | | | | | 2.38 | 2-7/8 EUE | 60358X | 60358XHT |
| 17.6 - 19.4 | | 4.958 - 5.021 | 4.875 | - | 2.00 | 2-3/8 EUE | 60357Y | 60357YHT |
| | | | | - | 2.38 | 2-7/8 EUE | 60358Y | 60358YHT |
| 21.5 - 24.0 | | 4.784 - 4.879 | 4.720 | - | 2.00 | 2-3/8 EUE | 60357Z | 60357ZHT |
| | | | | - | 2.38 | 2-7/8 EUE | 60358Z | 60358ZHT |
| 6 | 10.0 | 5.672 | 5.375 | - | 2.50 | 2-7/8 EUE | 60361 | - |
| | 12.0 - 20.0 | 5.352 - 5.620 | 5.188 | - | 2.38 | 2-7/8 EUE | 60360 | 60360HT |
| 6-5/8 | 17.0 - 24.0 | 5.921 - 6.135 | 5.750 | - | 2.50 | 2-7/8 EUE | 60367 | 60367HT |
| | 20.0 - 24.0 | 5.921 - 6.049 | 5.750 | - | 3.00 | 3-1/2 EUE | 60368 | 60368HT |
| | 24.0 - 32.0 | 5.675 - 5.921 | 5.500 | - | 2.50 | 2-7/8 EUE | 60365 | 60365HT |
| | | | | - | 3.00 | 3-1/2 EUE | 60369 | 60369HT |
| | 32.0 - 34.5 | 5.575 - 5.675 | 5.312 | - | 2.50 | 2-7/8 EUE | 60366 | 60366HT |

¹Maximum OD is across retracted drag blocks.²Drilled for wireline.

* Designed for differential pressures up to 10,000 PSI.

Rubber Trim Upgrade Options (additional cost, inquire with a D&L sales associate): HSN, Viton, ECNER/Aflas, ECNER/HSN, EPDM**NOTE:** All pricing includes standard Nitrile trim. Other sizes, connections, and rubber options available upon request.



We Know Downhole.

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ASI-X Packer Product Specifications (continued)

| Casing | | Recommended Hole Size (inches) | Gage OD (inches) | Max OD (inches) | Tool ID (inches) | Thread Connections Box Up / Pin Down | Part Number | |
|---------------|-----------------|--------------------------------|------------------|---------------------|------------------|--------------------------------------|--------------------|----------------------|
| Size (inches) | Weight (lbs/ft) | | | | | | Std | HT |
| 7 | 17.0 - 20.0 | 6.456 - 6.538 | 6.250 | 6.281 ¹ | 2.50 | 2-7/8 EUE | 60372-625 | - |
| | | | | - | 3.00 | 3-1/2 EUE | 60374-625 | - |
| | 17.0 - 26.0 | 6.276 - 6.538 | 6.000 | 6.062 ¹ | 2.50 | 2-7/8 EUE | 60372 ² | 60372HT ² |
| | | | | 6.125 ¹ | 3.00 | 3-1/2 EUE | 60374 | 60374HT |
| | 26.0 - 32.0 | 6.094 - 6.276 | 5.875 | - | 2.50 | 2-7/8 EUE | 60370 ² | 60370HT ² |
| | | | | 5.936 ¹ | 3.00 | 3-1/2 EUE | 60373 | 60373HT |
| | 29.0 - 35.0 | 6.004 - 6.184 | 5.812 | - | 2.50 | 2-7/8 EUE | 60371 ² | 60371HT ² |
| 7-5/8 | 24.0 - 29.7 | 6.875 - 7.025 | 6.672 | - | 2.50 | 2-7/8 EUE | 60375 | 60375HT |
| | | | | - | 3.00 | 3-1/2 EUE | 60378 | 60378HT |
| | 33.7 - 39.0 | 6.625 - 6.765 | 6.453 | - | 2.50 | 2-7/8 EUE | 60376 | 60376HT |
| | | | | - | 3.00 | 3-1/2 EUE | 60377 | 60377HT |
| 8-5/8 | 20.0 - 24.0 | 8.097 - 8.191 | 7.750 | - | 2.50 | 2-7/8 EUE | 60384 | - |
| | 20.0 - 28.0 | 8.017 - 8.191 | 7.750 | 7.827 ¹ | 4.00 | 4-1/2 EUE | 60381 | 60381HT |
| | 24.0 - 40.0 | 7.725 - 8.097 | 7.500 | - | 2.50 | 2-7/8 EUE | 60385 | 60385HT |
| | | | | - | 3.00 | 3-1/2 EUE | 60387 | 60387HT |
| | 32.0 - 40.0 | 7.725 - 7.921 | 7.500 | - | 4.00 | 4-1/2 EUE | 60382 | 60382HT |
| | 44.0 - 49.0 | 7.511 - 7.625 | 7.312 | - | 2.50 | 2-7/8 EUE | 60386 | 60386HT |
| 9-5/8 | 32.3 - 43.5 | 8.755 - 9.001 | 8.500 | - | 4.00 | 4-1/2 EUE | 60396S** | 60396HT ^Δ |
| | 43.5 - 53.5 | 8.535 - 8.755 | 8.250 | - | 4.00 | 4-1/2 EUE | 60395S** | 60395HT ^Δ |
| 10-3/4 | 32.75 - 51.0 | 9.850 - 10.192 | 9.625 | - | 4.00 | 4-1/2 EUE | 60301** | - |
| | 51.0 - 65.7 | 9.560 - 9.850 | 9.312 | - | 4.00 | 4-1/2 EUE | 60310** | - |
| 11-3/4 | 42.0 - 65.0 | 10.682 - 11.084 | 10.438 | 10.502 ¹ | 4.00 | 4-1/2 EUE | 60311** | - |
| | 66.7 - 80.5 | 10.406 - 10.656 | 10.200 | - | 4.00 | 4-1/2 EUE | 60311Y | - |
| 13-3/8 | 54.5 - 77.0 | 12.275 - 12.615 | 12.000 | - | 4.00 | 4-1/2 EUE | 60313** | - |
| 16 | 65.0 - 109.0 | 14.688 - 15.250 | 14.438 | - | 5.00 | 7" LTC | 60316*** | - |
| 18 | 87.5 - 117.5 | 17.439 - 17.755 | 17.000 | - | 5.00 | 7" LTC | 60318 | - |
| 20 | 133.0 - 169.0 | 18.376 - 18.730 | 18.000 | - | 5.00 | 7" LTC | 60320 | - |

¹Maximum OD is across retracted drag blocks.

²Drilled for wireline.

** Designed for differential pressures up to 6,000 PSI.

*** Designed for differential pressures up to 5,000 PSI.

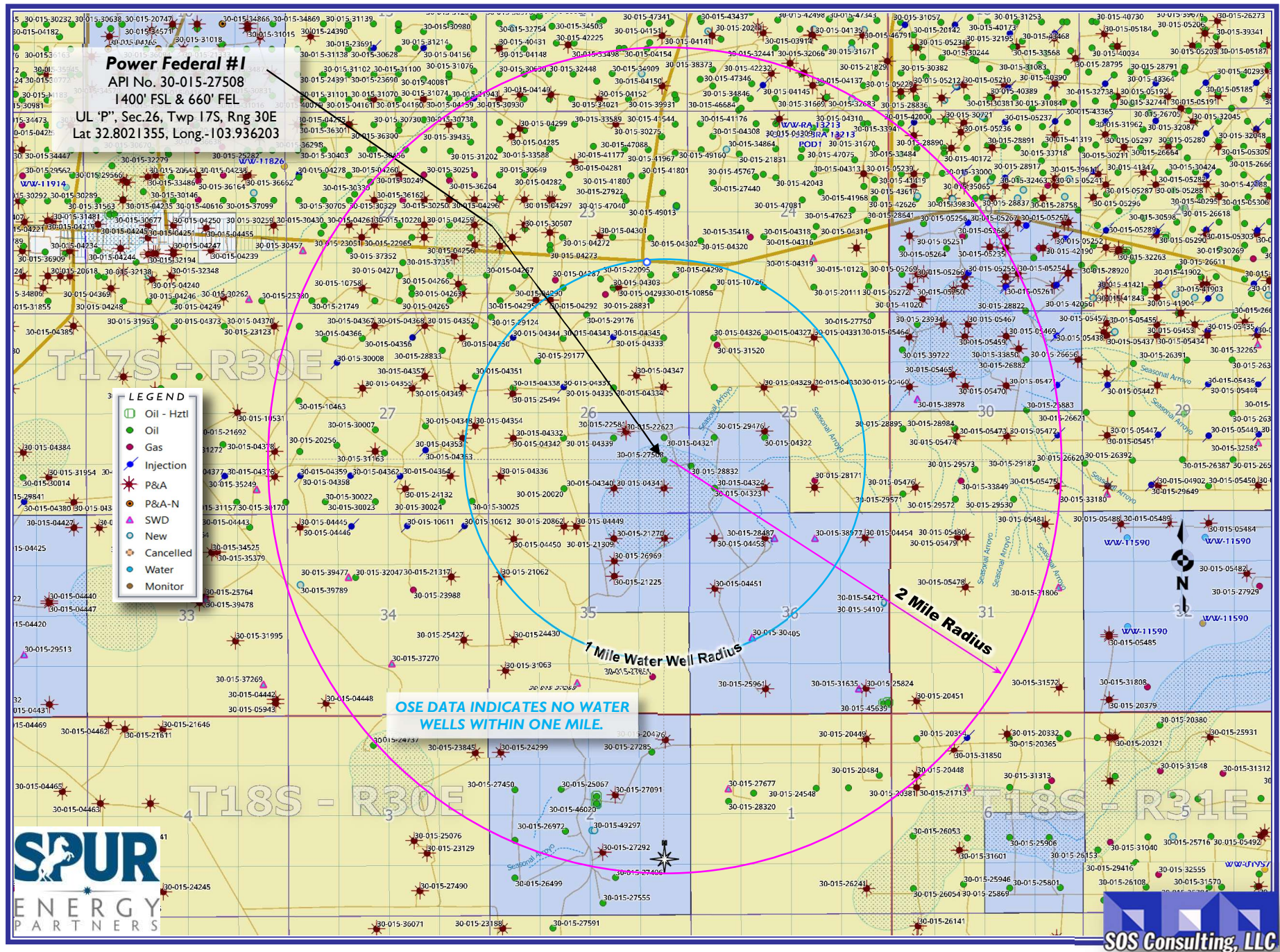
ΔDesigned for differential pressures up to 8,000 PSI.

Rubber Trim Upgrade Options (additional cost, inquire with a D&L sales associate): HSN, Viton, ECNER/Aflas, ECNER/HSN, EPDM

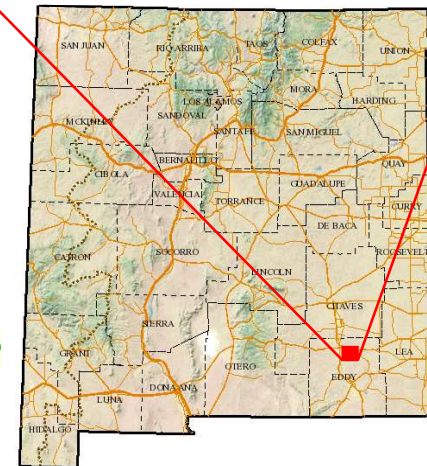
NOTE: All pricing includes standard Nitrile trim. Other sizes, connections, and rubber options available upon request.

Power Federal #1 SWD - Area of Review / 2 Miles

(Attachment to NMOC Form C-I08 - Item V)



(Attachment to NMOCD Form C-108 - Item V)



Eddy County, New Mexico



Form C-108 Item VI - Tabulation of AOR Wells

Top of Proposed CISCO [PENN] Interval 8850'

1 Well Penetrates Proposed Interval.

| API | Well Name | OGRID Name | Type | Status | ULSTR | Lease Type | SPUD Date | [V] Depth | Plug Date |
|---|--------------------------------|-----------------------------|-----------|--------|--------------|------------|-----------|-----------|------------|
| <i>Subject Well</i> | | | | | | | | | |
| 30-015-27508 | Spur Energy Partners LLC | POWER FEDERAL #002 | Oil | Active | H-26-17S-30E | Federal | 9/17/1993 | 11560' | 12/31/9999 |
| <i>Current and Proposed Wellbore Diagrams Attached...</i> | | | | | | | | | |
| <i>Section 25 Wells</i> | | | | | | | | | |
| 30-015-04335 | Saguaro Petroleum, LLC | GRAYBURG JACKSON UNIT #001E | Oil | Active | L-25-17S-30E | Federal | 10/6/42 | 3300' | 12/31/99 |
| 30-015-04340 | PENDRAGON ENERGY PARTNERS INC. | GRAYBURG JACKSON UNIT #003 | Oil | P&A-R | M-25-17S-30E | Federal | 12/31/99 | 3296' | 3/2/01 |
| 30-015-22623 | PRE-ONGARD WELL OPERATOR | PRE-ONGARD WELL #001 | Oil | P&A-R | M-25-17S-30E | Federal | 1/1/00 | 11378' | 10/3/85 |
| <i>P&A Diagram Attached...</i> | | | | | | | | | |
| <i>Section 26 Wells</i> | | | | | | | | | |
| 30-015-22581 | PRE-ONGARD WELL OPERATOR | PRE-ONGARD WELL #001 | Gas | P&A-R | G-26-17S-30E | Federal | 1/1/00 | 3500' | 1/1/00 |
| 30-015-04347 | PENDRAGON ENERGY PARTNERS INC. | GRAYBURG JACKSON UNIT #003 | Oil | P&A-R | G-26-17S-30E | Federal | 12/31/99 | 3300' | 3/14/01 |
| 30-015-21270 | SEELY OIL CO | STEVENS FEDERAL #001 | Oil | P&A-R | I-26-17S-30E | Federal | 12/31/99 | 3400' | 10/21/09 |
| 30-015-04341 | ASHER ENTERPRISES LTD. CO. | GRAYBURG JACKSON UNIT #004 | Injection | P&A-R | J-26-17S-30E | Federal | 12/31/99 | 3303' | 2/6/08 |
| 30-015-04346 | Saguaro Petroleum, LLC | GRAYBURG JACKSON UNIT #002F | Oil | Active | J-26-17S-30E | Federal | 2/15/58 | 3284' | 12/31/99 |
| 30-015-04334 | PENDRAGON ENERGY PARTNERS INC. | GRAYBURG JACKSON UNIT #002 | Injection | P&A-R | J-26-17S-30E | Federal | 12/31/99 | 3259' | 12/22/95 |
| 30-015-28832 | Saguaro Petroleum, LLC | GRAYBURG JACKSON UNIT #009 | Oil | Active | O-26-17S-30E | Federal | 3/11/96 | 3400' | 12/31/99 |
| 30-015-04323 | Saguaro Petroleum, LLC | GRAYBURG JACKSON UNIT #007 | Oil | Active | P-26-17S-30E | Federal | 8/17/49 | 3305' | 12/31/99 |
| <i>Section 35 Wells</i> | | | | | | | | | |
| 30-015-04321 | Saguaro Petroleum, LLC | GRAYBURG JACKSON UNIT #005 | Oil | Active | A-35-17S-30E | Federal | 8/17/49 | 3300' | 12/31/99 |
| 30-015-04452 | ASHER ENTERPRISES LTD. CO. | GRAYBURG JACKSON UNIT #001R | Oil | P&A-R | B-35-17S-30E | State | 6/25/43 | 3334' | 5/27/15 |
| 30-015-04328 | BURNETT OIL CO INC | JACKSON B #008 | Oil | Active | D-36-17S-30E | Federal | 7/3/50 | 3265' | 12/31/99 |

SUMMARY: 1 well penetrates proposed disposal interval.

ANADARKO PRODUCTION COMPANY

P.O. DRAWER 130

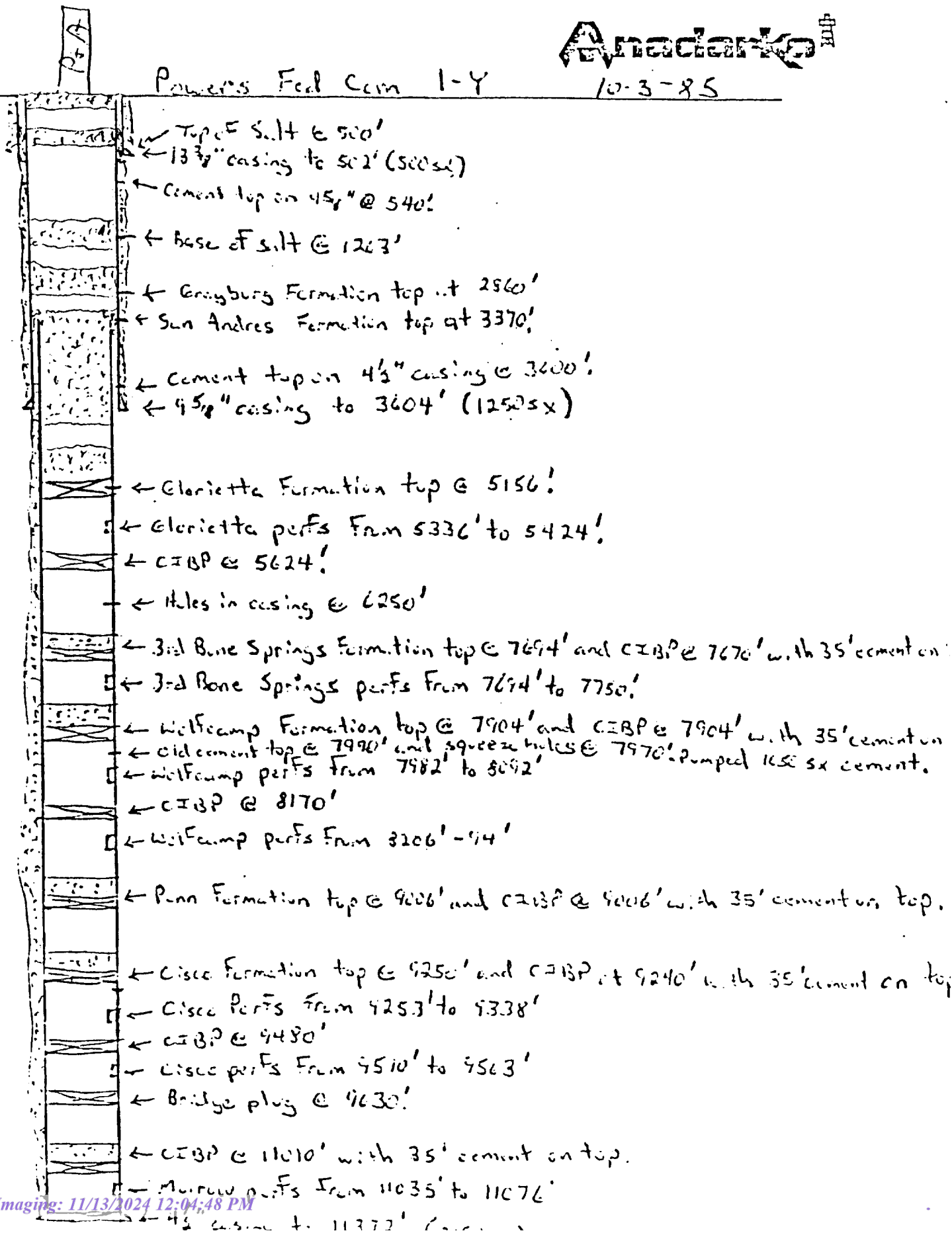
ARTESIA, NEW MEXICO 88210

(505) 748-336

Anadarko

Powers Feed Corn 1-Y

10-3-85



Form 3-60-5
(November 1983)
(Formerly 9-131)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN TRIPL
(Other instructions
verse side)Budget Bureau No. 1004
Expires August 31, 1985

Page 18 of 38

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|--|---|--|---|--|---|--|--|--|--------------------------------------|--|------------------------|--|---|--|---------------------|--|---|--|--|--|------------------------------|--|-------------------------|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 2. NAME OF OPERATOR Anadarko Petroleum Corporation | | 3. ADDRESS OF OPERATOR P. O. Drawer 130, Artesia, New Mexico 88201 | | 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2135' FSL & 1650' FEL | | 5. ELEVATIONS (Show whether DF, RT, OR, etc.) 3590.4' GL | | 6. LEASE DESIGNATION AND SERIAL NO. LC - 030570 B | | 7. IF INDIAN, ALLOTTEE OR TRIBE NAME | | 8. UNIT AGREEMENT NAME | | 9. FARM OR LEASE NAME Power Federal Com. | | 10. WELL NO. 1-Y | | 11. FIELD AND POOL, OR WILDCAT Cedar Lake Morrow | | 12. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 26 - 17S - 30E | | 13. COUNTY OR PARISH Eddy | | 14. STATE New Mexico | |
|--|--|---|--|---|--|---|--|---|--|--|--|--------------------------------------|--|------------------------|--|---|--|---------------------|--|---|--|--|--|------------------------------|--|-------------------------|--|

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|-------------------------|--------------------------|----------------------|--------------------------|---|--------------------------|-----------------|-------------------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | PULL OR ALTER CASING | <input type="checkbox"/> | WATER SHUT-OFF | <input type="checkbox"/> | REPAIRING WELL | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | MULTIPLE COMPLETION | <input type="checkbox"/> | FRACTURE TREATMENT | <input type="checkbox"/> | ALTERING CASING | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | ABANDON* | <input type="checkbox"/> | SHOOTING OR ACIDIZING | <input type="checkbox"/> | ABANDONMENT* | <input checked="" type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | CHANGE PLANS | <input type="checkbox"/> | (Other) Plug & Abandon | | | |
| (Other) | | | | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1. Rigged up pulling unit; tripped out of hole with tubing and packer.
2. Set CIBP @ 5156' (Glorietta top).
3. Shot 4½" casing @ 3550'; casing still stuck. Ran free poing and found casing free @ 3353'. Shot 4½" casing @ 3348'; TOH with 3348' of 4½" casing.
4. WIH with tubing; circulated hole with 10# brine and salt gel mud.
5. Spotted 25 sx Class H cement on CIBP @ 5156' up to 4850' (this plug covers Glorietta top).
6. Spotted 70 sx Class H cement with 4% CaCL from 3655' up to 3250'; waited 3 hrs; tagged top of plug @ 3296' (this plug covers 9-5/8" casing stub, 4½" casing stub and San Andres formation top).
7. Spotted 50 sx Class H with 4% CaCL from 2910' up to 2770'; waited overnight; tagged top of plug @ 2785' (this plug covers Grayburg formation top).
8. Spotted 50 sx Class H with 4% CaCL from 1370' up to 1230'; waited 3 hrs; tagged top of plug @ 1230' (this plug covers base of Salt).
9. Perforated 4 squeeze holes 50' above Salt @ 450'.
10. WIH with pkr and cement squeezed with 75 sx Class H with 4% CaCL, leaving 100' cement inside 9-5/8" and 100' cement outside 9-5/8" casing. Waited 3 hours; tagged top of plug @ 370' (this plug covers top of Salt and 13-3/8" casing shoe).
11. Spotted 60' plug @ surface. Rigged down pulling unit.
12. Cut off all casing and anchors below surface; set P & A marker; cleaned & leveled location

well bore.
until
surface restoration is completed.

18. I hereby certify that the foregoing is true and correct

SIGNED John Bussell TITLE Field Foreman DATE December 5, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE RECEIVED DATE 10/23/91

CONDITIONS OF APPROVAL, IF ANY:

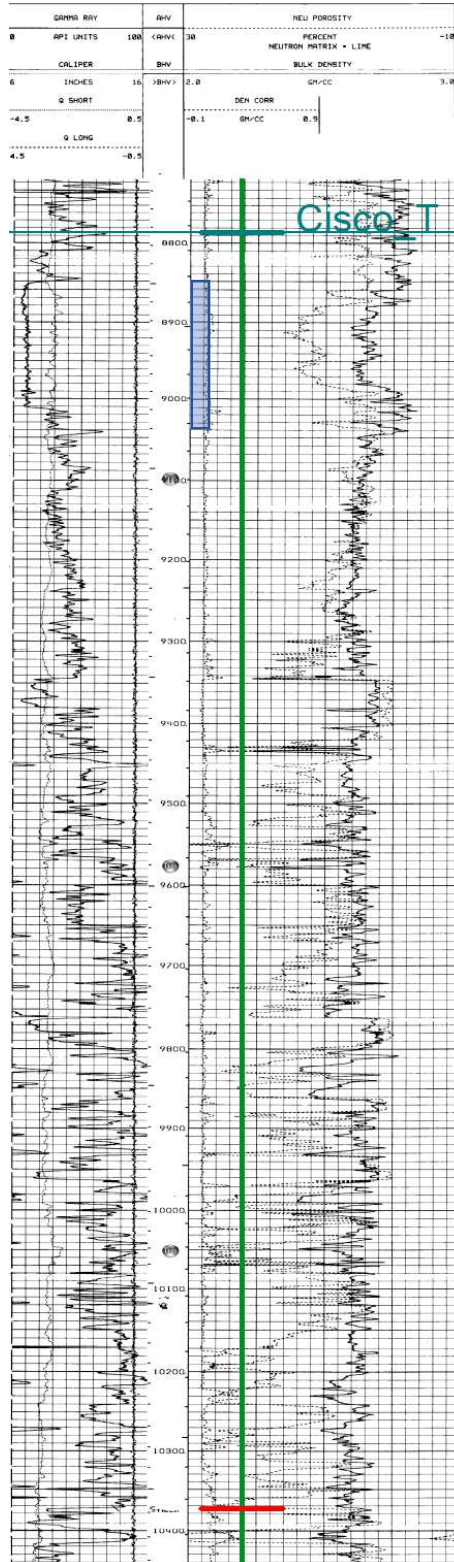
*See Instructions on Reverse Side

Post ID-2
11-1-91
P.A.

C-108 ITEM X – LOGS and AVAILABLE TEST DATA

Log Strip from the subject well with gross interval identified.
Specific intervals to be determined within top and bottom depths.

Power Federal #2 30-015-27508



*Proposed Gross
Injection Interval
8850' to 9040'*

C-108 ITEM VII – PROPOSED OPERATION

The Power Federal #2 SWD will be operated as a private disposal well to service Spur Energy Partners area operations. Source and disposal zone formation waters are compatible (*representative analyses of several zones are included herein*).

Note: Spur Energy Partners has acquired hundreds of wells since 2019. As all operations and assets have effectively been evaluated, Spur Energy Partners believes retention of this SWD asset will protect the environment and prevent waste as described below.

The cost to dispose of produced water via trucking has become cost prohibitive and if continued, would certainly reduce lease economics and create waste by unnecessary trucking costs including fuel. The average daily rate of this SWD would eliminate approximately three dozen transport truck trips per day. Reinstating the well to lease disposal will allow the operator to maintain sufficient in-house disposal volume and continue economic viability for their operated wells in the area. The well will not be open for commercial disposal from other operators' leases.

The system will be closed utilizing a small tank battery and injection pump facility on site with flowlines from the serviced wells. The tanks and associated equipment are inside an appropriate lined berm area to contain 150% of the largest tank volume.

Injection pressure will be 1770 psi (0.2 psi/ft) with a maximum rate of 6500 bwpd. Average daily rate is expected to be 3500 bwpd or less.

Routine maintenance will be ongoing, and any releases will be reported within 24 hours to OCD on form C-141 pursuant to various portions of 19.15.29 and 30 NMAC. Remediation would commence immediately upon assessment and planning to include all required documentation and reporting.

The facility will not be manned but will be available for inspections at any time deemed necessary by OCD.

e-Permitting

C-108 Submittal

Attachment Category

Seismicity Analysis

For High Volume Devonian Wells
(NOT APPLICABLE TO THIS APPLICATION)

Please Note: While the Fairchild 24 SWD well is in a designated SRA, Spur Energy believes that injection into the Canyon interval poses no additional risk to seismicity in the area. However, Spur will participate in voluntarily monitoring seismic activity as warranted and share its data with any agencies responsible for investigating. If any seismic activity occurs, Spur will abide by the OCD SRA protocol based on magnitude and proximity.

C-108 Item VII.5 - Produced Water Data
Spur Energy Partners, LLC - Power Federal #2

SOURCE ZONE

ARTESIA GROUP - TNSL-YTS-7RVRS

| | | | |
|--------------------------------|---------------------------|-------------------------|---------------------|
| API No | 3001502891 | Lab ID | |
| Well Name | CAVE POOL UNIT 030 | Sample ID | 5128 |
| | | Sample No | |
| Location | ULSTR 04 17 S 29 E | Lat / Long | 32.85900 -104.07829 |
| | 990 S 2310 E | County | Eddy |
| Operator (when sampled) | | | |
| | Field GRAYBURG JACKSON | Unit | O |
| Sample Date | | Analysis Date | |
| | Sample Source TANK | Depth (if known) | |
| | Water Typ | | |
| ph | | alkalinity_as_caco3_mgL | |
| ph_temp_F | | hardness_as_caco3_mgL | |
| specificgravity | | hardness_mgL | |
| specificgravity_temp_F | | resistivity_ohm_cm | |
| tds_mgL | 227185 | resistivity_ohm_cm_temp | |
| tds_mgL_180C | | conductivity | |
| chloride_mgL | 140700 | conductivity_temp_F | |
| sodium_mgL | | carbonate_mgL | |
| calcium_mgL | | bicarbonate_mgL | 47 |
| iron_mgL | | sulfate_mgL | 900 |
| barium_mgL | | hydroxide_mgL | |
| magnesium_mgL | | h2s_mgL | |
| potassium_mgL | | co2_mgL | |
| strontium_mgL | | o2_mgL | |
| manganese_mgL | | anionremarks | |
| Remarks | | | |

(Produced water data courtesy of NMT Octane NM WAIDS database.)



C-108 Item VII.5 - Produced Water Data
Spur Energy Partners, LLC - Power Federal #2

SOURCE ZONE

GRAYBURG-SAN ANDRES

| | | | |
|--------------------------------|-------------------------------|-------------------------|---------------------|
| API No | 3001502873 | Lab ID | |
| Well Name | GULF STATE 002 | Sample ID | 5366 |
| | | Sample No | |
| Location | ULSTR 03 17 S 29 E | Lat / Long | 32.86987 -104.06746 |
| | 330 N 990 W | County | Eddy |
| Operator (when sampled) | | | |
| | Field SQUARE LAKE | Unit | 4 |
| Sample Date | | Analysis Date | |
| | Sample Source WELLHEAD | Depth (if known) | |
| | Water Typ | | |
| ph | | alkalinity_as_caco3_mgL | |
| ph_temp_F | | hardness_as_caco3_mgL | |
| specificgravity | | hardness_mgL | |
| specificgravity_temp_F | | resistivity_ohm_cm | |
| tds_mgL | 109000 | resistivity_ohm_cm_temp | |
| tds_mgL_180C | | conductivity | |
| chloride_mgL | 63070 | conductivity_temp_F | |
| sodium_mgL | | carbonate_mgL | |
| calcium_mgL | | bicarbonate_mgL | 339 |
| iron_mgL | | sulfate_mgL | 3538 |
| barium_mgL | | hydroxide_mgL | |
| magnesium_mgL | | h2s_mgL | |
| potassium_mgL | | co2_mgL | |
| strontium_mgL | | o2_mgL | |
| manganese_mgL | | anionremarks | |
| Remarks | | | |

(Produced water data courtesy of NMT Octane NM WAIDS database.)



C-108 Item VII.5 - Produced Water Data
Spur Energy Partners, LLC - Power Federal #2

SOURCE ZONE

YESO

| | | | |
|--------------------------------|-------------------------------------|-------------------------|---------------------|
| API No | 3001530307 | Lab ID | |
| Well Name | SCHLEY FEDERAL 008 | Sample ID | 5901 |
| | | Sample No | |
| Location | ULSTR 29 17 S 29 E 1580 N 1650 W | Lat / Long | 32.80836 -104.09972 |
| | | County | Eddy |
| Operator (when sampled) | MACK ENERGY | | |
| | Field EMPIRE EAST | Unit | F |
| Sample Date | 8/7/2000 | Analysis Date | 8/14/2000 |
| | Sample Source | Depth (if known) | |
| | Water Typ | | |
| ph | 7 | alkalinity_as_caco3_mgL | |
| ph_temp_F | | hardness_as_caco3_mgL | |
| specificgravity | 1.135 | hardness_mgL | |
| specificgravity_temp_F | | resistivity_ohm_cm | |
| tds_mgL | 208172 | resistivity_ohm_cm_temp | |
| tds_mgL_180C | | conductivity | |
| chloride_mgL | 140286 | conductivity_temp_F | |
| sodium_mgL | 87396.1 | carbonate_mgL | 0 |
| calcium_mgL | 3103.09 | bicarbonate_mgL | 611.765 |
| iron_mgL | 3.405 | sulfate_mgL | 3456.07 |
| barium_mgL | 0.1135 | hydroxide_mgL | |
| magnesium_mgL | 817.2 | h2s_mgL | 79.45 |
| potassium_mgL | 545.935 | co2_mgL | |
| strontium_mgL | 55.615 | o2_mgL | |
| manganese_mgL | | anionremarks | |
| Remarks | | | |

(Produced water data courtesy of NMT Octane NM WAIDS database.)



C-108 Item VII.5 - Produced Water Data
Spur Energy Partners, LLC - Power Federal #2

DISPOSAL ZONE

CISCO (Upper Penn)

| | | | |
|--------------------------------|--------------------------------|--------------------------|---------------------|
| API No. | 3001500129 | Lab ID | 5353 |
| Well Name | SPRINGS SWD 001 | Sample No | |
| Location | ULSTR 04 21 S 25 E 660 N 830 E | Lat / Long | 32.52054 -104.39423 |
| | | County | Eddy |
| Operator (when sampled) | | | |
| | Field SEVEN RIVERS HILLS | Unit | 1 |
| Sample Date | | Analysis Date | |
| | Sample Source SWAB | Depth (if known) | |
| | Water Type | | |
| ph | | alkalinity_as_caco3_mgL | |
| ph_temp_F | | hardness_as_caco3_mgL | |
| specificgravity | | hardness_mgL | |
| specificgravity_temp_F | | resistivity_ohm_cm | |
| tds_mgL | 31485 | resistivity_ohm_cm_temp_ | |
| tds_mgL_180C | | conductivity | |
| chloride_mgL | 17000 | conductivity_temp_F | |
| sodium_mgL | | carbonate_mgL | |
| calcium_mgL | | bicarbonate_mgL | 635 |
| iron_mgL | | sulfate_mgL | 2500 |
| barium_mgL | | hydroxide_mgL | |
| magnesium_mgL | | h2s_mgL | |
| potassium_mgL | | co2_mgL | |
| strontium_mgL | | o2_mgL | |
| manganese_mgL | | anionremarks | |

Remarks

(Produced water data courtesy of NMT Octane NM WAIDS database.)



C-108 - Item VIII

Geological Data

The [Pennsylvanian] Cisco formation consists of similarly medium-grained carbonates, primarily dolomite and porous and permeable sandstone interbedded with shale and is generally 150 to 200 feet in thickness. The reservoirs in this area are usually limited in size with up dip porosity loss due to shelf margin carbonate build up. The upper portion becomes very shaley and is not proposed for injection.

The combined zones offer some good porosity in the proposed injection interval located from 8850 feet to 9040 feet with some very good porosity interspersed throughout the overall interval.

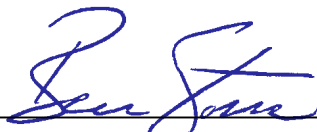
The [Pennsylvanian] Cisco is overlain by the Wolfcamp and underlain by remaining Penn and deeper, the Strawn and Atoka.

Fresh water in the area is generally available from the karstic San Andres limestone formation which is a prime example of an artesian recharged aquifer. Based on State Engineer's records for just one water well in Sections 23, 24, 25, 26, 35 and 36 Twp 17S, Rng 30E, groundwater is at a depth 101 feet.

OSE records indicated NO water wells located within one mile of the proposed SWD.

C-108 ITEM XII – GEOLOGIC AFFIRMATION

We have examined available geologic and engineering data and have found no evidence of open faults or other hydrologic connection between the disposal interval and any underground sources of drinking water.



Ben Stone, Partner
SOS Consulting, LLC

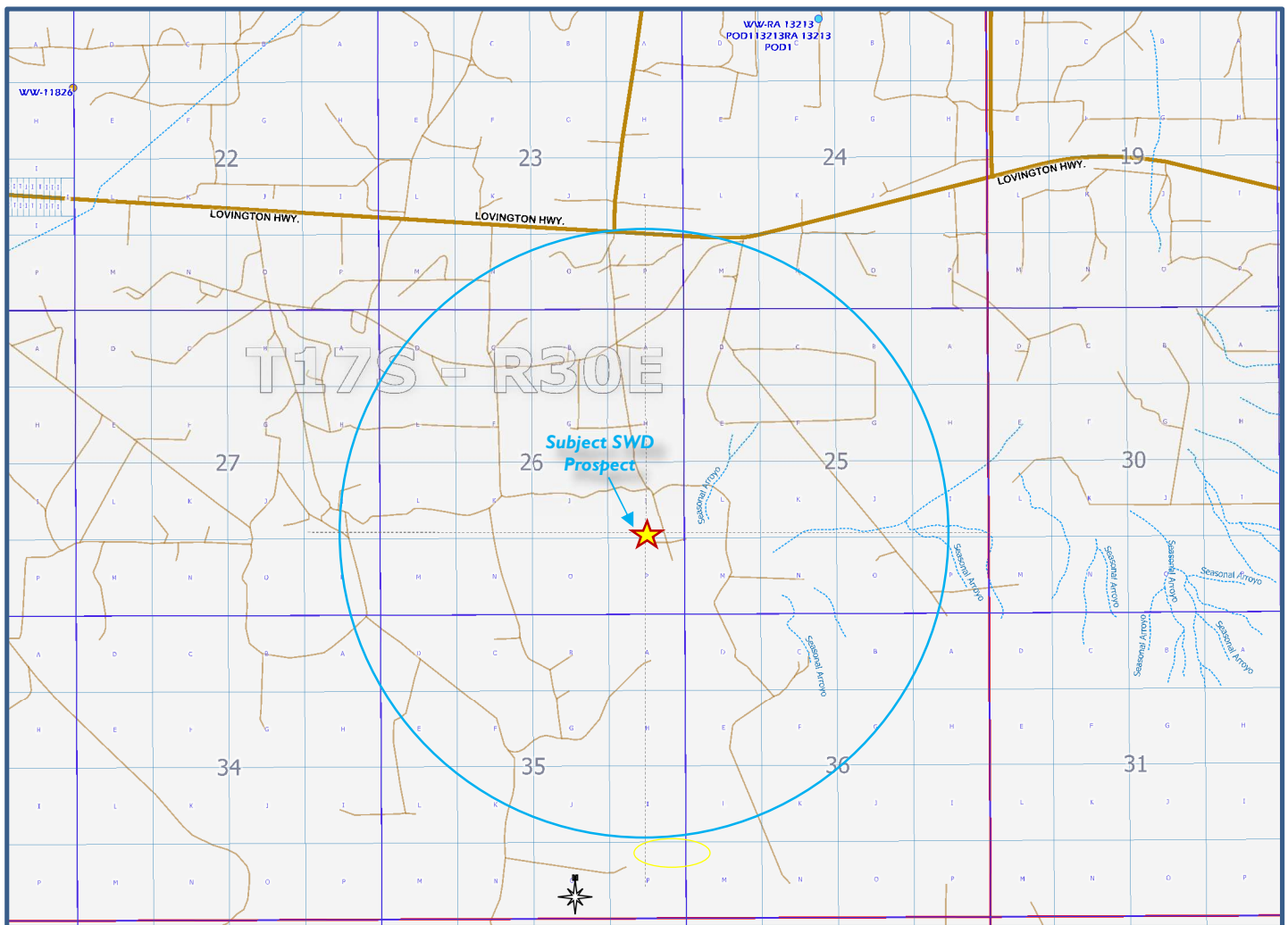
Project: Spur Energy Partners, LLC
Power Federal #2 SWD
Reviewed 10/08/2024

C-108 Item XI

Water Wells Within One Mile

Power Federal #2 SWD - Water Well Locator Map

As displayed in SOS's GIS Map, NM State Engineer's and USGS records indicate NO Water Wells within one mile of the proposed SWD.





New Mexico Office of the State Engineer


Water Column/Average Depth to Water

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

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

(quarters are smallest
to largest)

(In feet)

| POD Number | Code | Sub basin | County | Q64 | Q16 | Q4 | Sec | Tw | Range | X | Y | Well Map | Depth Depth | Water Water | Water Column |
|-------------------------------|------|--------------|--------|-----|-----|----|-----|-----|-------|----------|-----------|---|----------------|----------------|-----------------|
| RA 13213 POD1 | | RA | CH | NE | NE | NW | 24 | 17S | 30E | 600489.1 | 3632575.7 |  | 101 | | |

Average Depth to Water: 0 feet

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 1

PLSS Search:

Range: 30E
Township: 17S
Section: 23,24,25,26,35,36

* UTM location was derived from PLSS - see Help

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

C-108 ITEM XIII – PROOF OF NOTIFICATION

IDENTIFICATION AND NOTIFICATION OF AFFECTED PARTIES

Exhibits for Section

Affected Parties Map

List of Affected Parties

Notification Letter to Affected Parties

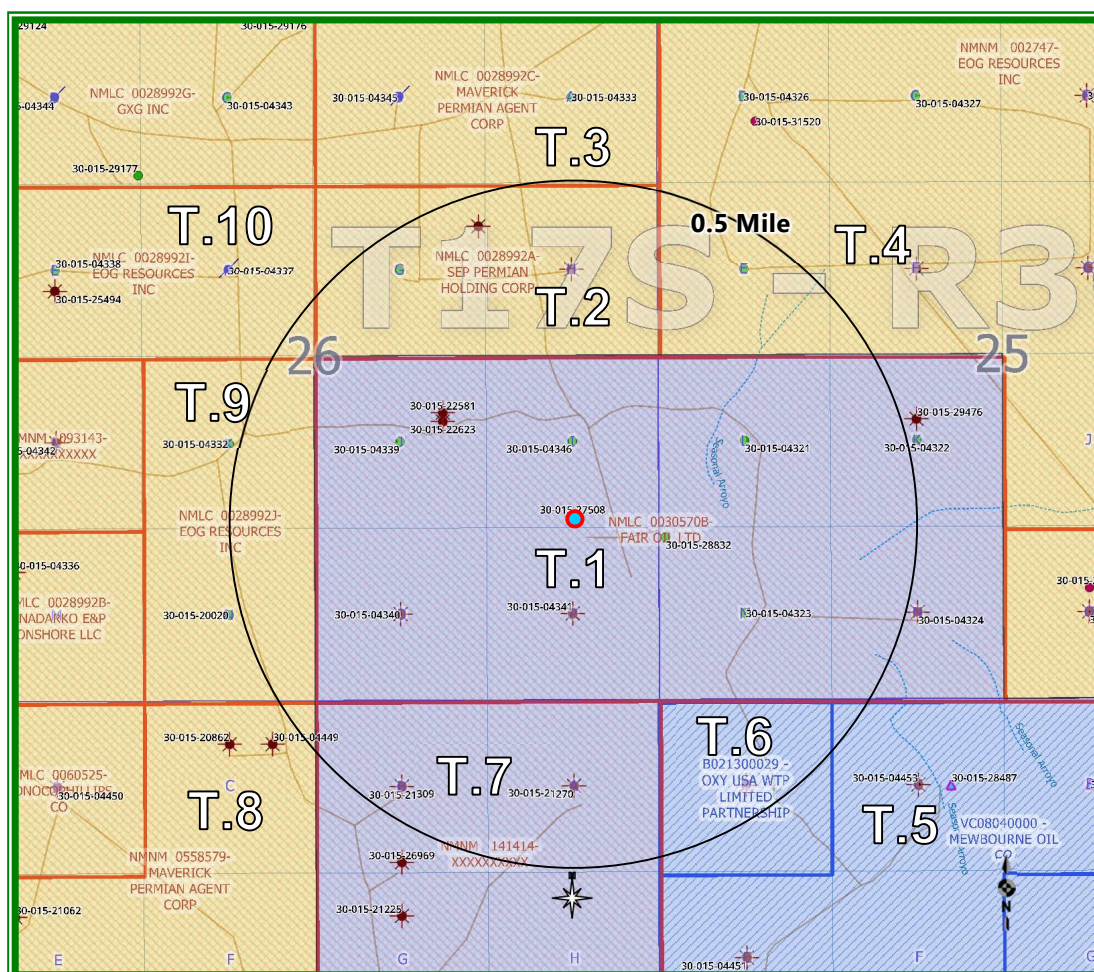
Proof of Certified Mailing

Proof of Return Receipts

Affidavit Published Legal Notice

Power Federal No.2 – Affected Parties Plat

(Attachment to NMOCD Form C-108, Application for Authority to Inject.)



LEGEND

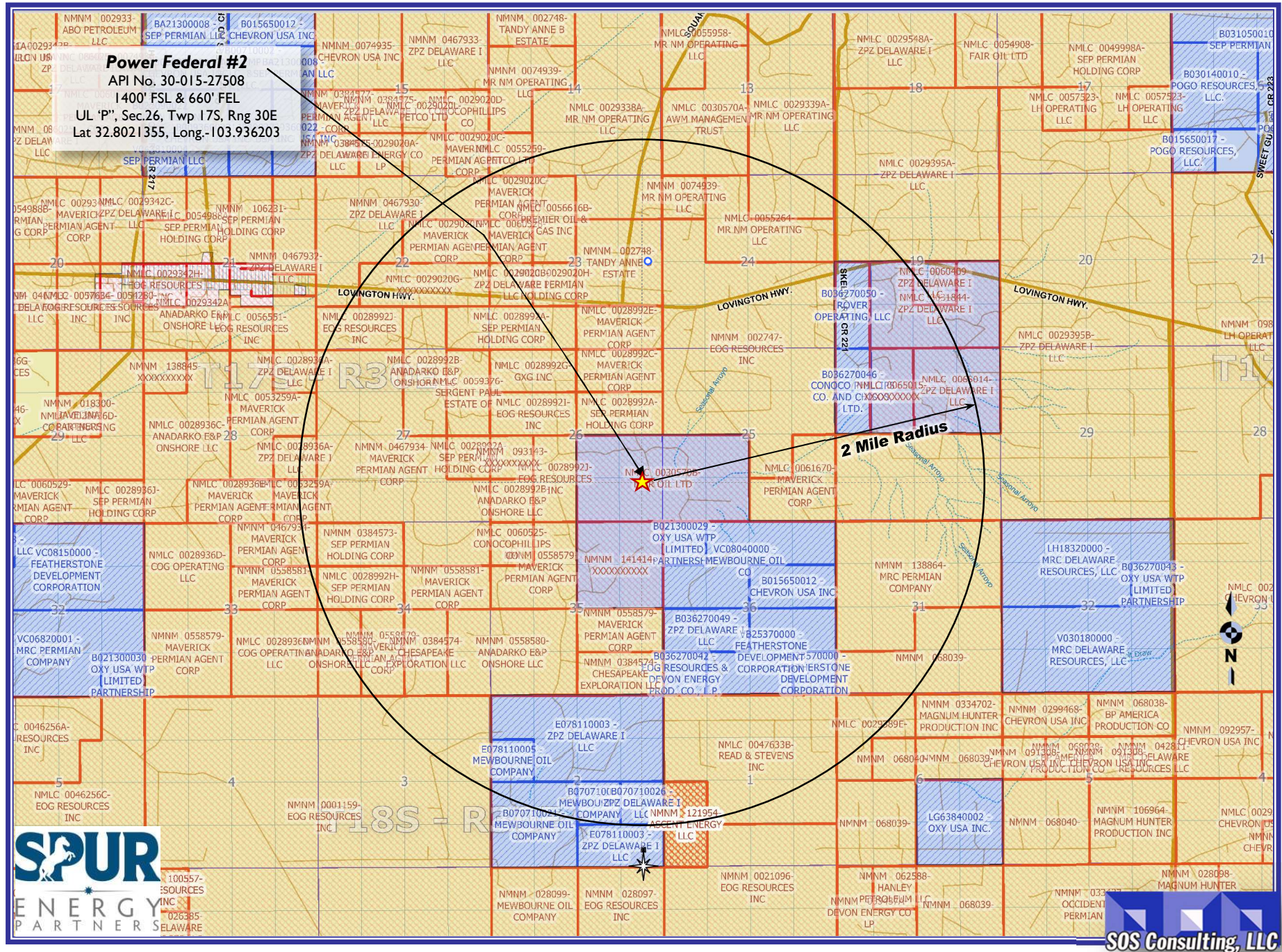
(Note: All leases have active operators, except as shown below.)

- T.1 – BLM – NMLC-030570B; Fair Oil, LTD
Op: Saguaro Petroleum, Burnett Oil Company
- T.2 – BLM – NMLC-0028992A; SEP Permian
Op: Saguaro Petroleum, Spur Energy Partners
- T.3 – BLM – NMNM-0028992C; Maverick Permian
Op: Saguaro Petroleum
- T.4 – BLM – NMNM-002747; EOG Resources
Op: Burnett Oil Company
- T.5 – State – VC-0804-0000; Mewbourne Oil Company
Op: Ray Westall Operating, Apache Corp.
- T.6 – State – BO-2130-0029; Oxy USA WTP
- T.7 – BLM – NMNM-141414; David J. Disiere
- T.8 – BLM – NMNM-0558579; Maverick Permian
- T.9 – BLM – NMNM-0028992J; EOG Resources
Op: Saguaro Petroleum
- T.10 – BLM – NMNM-0028992I; EOG Resources
Op: Saguaro Petroleum



Power Federal #2 SWD – Leases within 2 Miles

(Attachment to NMOC Form C-I08 - Item V)



C-108 ITEM XIII – PROOF OF NOTIFICATION AFFECTED PARTIES LIST

ALL AFFECTED PARTIES ARE PROVIDED A NOTICE LETTER VIA US CERTIFIED MAIL CONTAINING UNIQUE 6 CHARACTER DOCUMENT ACCESS CODES FOR SECURE DOWNLOAD OF A PDF COPY OF THE SUBJECT C-108 APPLICATION. AFFECTED PARTIES MAY ALSO REQUEST A PDF COPY VIA SENT EMAIL.

"AFFECTED PERSON" MEANS THE DIVISION DESIGNATED OPERATOR; IN THE ABSENCE OF AN OPERATOR, A LESSEE WHOSE INTEREST IS EVIDENCED BY A WRITTEN CONVEYANCE DOCUMENT EITHER OF RECORD OR KNOWN TO THE APPLICANT AS OF THE DATE THE APPLICANT FILES THE APPLICATION; OR IN THE ABSENCE OF AN OPERATOR OR LESSEE, A MINERAL INTEREST OWNER WHOSE INTEREST IS EVIDENCED BY A WRITTEN CONVEYANCE DOCUMENT EITHER OF RECORD OR KNOWN TO THE APPLICANT AS OF THE DATE THE APPLICANT FILED THE APPLICATION FOR PERMIT TO INJECT.; PER OCD RULES NMAC 19.15.26.7, A. AND 19.15.26.8, B.2.

SURFACE OWNER

| NOTICE # | ENTITY | US CERTIFIED TRACKING | SOS DOC ACCESS CODE |
|----------|--|--------------------------|---------------------------|
| 1 | U.S. DEPARTMENT OF INTERIOR Bureau of Land Management Oil & Gas Division 620 E. Greene St. Carlsbad, NM 88220 | 7018 2290 0001 2038 8913 | ☒ |

OFFSET MINERALS LESSEES and/ or OPERATORS

| | | | |
|---|--|--------------------------|---|
| 2 | SPUR ENERGY PARTNERS, LLC ~ Applicant ~ SAGUARO PETROLEUM 15 Smith Rd, Ste. 3002 Midland, TX 79705 | n/a | ☒ |
| 3 | BURNETT OIL COMPANY, INC 801 Cherry Street Unit #9, Ste. 1500 Fort Worth, TX 76102 | 7018 2290 0001 2038 8937 | ☒ |
| 4 | RAY WESTALL OPERATING, INC P.O. Box 4 Loco Hills, NM 88255-0004 | 7018 2290 0001 2038 8944 | ☒ |
| 5 | APACHE CORP. 303 Veterans Airpark Ln. #1000 Midland, TX 79705 | 7018 2290 0001 2038 8951 | ☒ |
| 6 | OXY USA WTP P.O. Box 4294 Houston, TX 77210 | 7018 2290 0001 2038 8968 | ☒ |
| 7 | DAVID J. DISIERE 1227 Wyndham Hill Ln. Southlake, TX 76092-9309 | 7018 2290 0001 2038 8975 | ☒ |
| 8 | MAVERICK PERMIAN, LLC 1000 Main Street, Suite 2900 Houston, Texas 77002 | 7018 2290 0001 2038 8982 | ☒ |

REGULATORY

NM OIL CONSERVATION DIVISION
 1220 S. St. Francis Dr.
 Santa Fe, NM 87505
U.S. DEPARTMENT OF INTERIOR
 Bureau of Land Management
 Oil & Gas Division
 620 E. Greene St.
 Carlsbad, NM 88220

*Filed via OCD
Online e-Permitting*



October 4, 2024

**NOTIFICATION TO INTERESTED PARTIES
via U.S. Certified Mail – Return Receipt Requested**

To Whom It May Concern:

Spur Energy Partners, Houston, Texas, has made application to the New Mexico Oil Conservation Division to permit for salt water disposal its Power Federal #2. The SWD operation will be for private water disposal from Spur's area operations. As indicated in the notice below, the well is located in Section 26, Township 17 South, Range 30 East in Eddy County, New Mexico.

The published notice states that the interval will be from 8,850 feet to 9,040 feet into the [Pennsylvanian] Cisco/Canyon formations.

Following is the notice published in the Artesia Daily Press, Artesia, New Mexico on or about September 19, 2024.

LEGAL NOTICE

Spur Energy Partners, LLC, 9655 Katy Freeway, Ste.500, Houston, TX 77024, is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The Power Federal #2 (API No.30-015-27508) is located 1400 feet from the South line and 660 feet from the East line (Unit I) of Section 26, Township 17 South, Range 30 East, NMPM, Eddy County, New Mexico. Produced water from Spur's area production will be privately disposed (not open to commercial disposal) into the [Pennsylvanian] Cisco/Canyon formations at depths between 8850' to 9040' at a maximum surface pressure of 1770 psi, maximum daily rate of 6500 bwpd and an average rate of 3500 bwpd. The subject SWD well is located approximately 2.8 miles southeast of Loco Hills, NM.

Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505, (505)476-3460 within 15 days of the date of this notice. Additional information may be obtained from the applicant's agent, SOS Consulting, LLC, (936)367-5950 or, email info@sosconsulting.us.

You have been identified as a party who may be interested as an offset lessee or operator.

You are entitled to a full copy of the application. SOS Consulting has deployed a new app for the explicit secure delivery of a full PDF copy of the application. Any user employed with **Affected Party** may log into the system and when prompted for a **Document Access Code**, enter **0000XX** to View or Download the document as desired. Using the SOS Client and Affected Party Document Access app takes about one minute, start to finish instructions are included, and only name, email and company name are needed to access the system.

Thank you for your attention in this matter.
Best regards,

A handwritten signature in blue ink, appearing to read "Ben Stone", is written over a light blue horizontal line.

Ben Stone, SOS Consulting, LLC
Agent for Spur Energy Partners, LLC

Cc: Application File

C-108 - Item XIV

Proof of Notice (Certified Mail Receipts)

7018 2290 0001 2038 8913

| U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only | |
|--|------------|
| For delivery information, visit our website at www.usps.com ®. | |
| Carlsbad, NM 88220 | |
| OFFICIAL USE | |
| Certified Mail Fee \$4.85 | 0351 |
| \$4.10 | 03 |
| Extra Services & Fees (check box, add fee as appropriate) | |
| <input type="checkbox"/> Return Receipt (hardcopy) \$0.00 | |
| <input type="checkbox"/> Return Receipt (electronic) \$0.00 | |
| <input type="checkbox"/> Certified Mail Restricted Delivery \$0.00 | |
| <input type="checkbox"/> Adult Signature Required \$0.00 | |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$0.00 | |
| Postage \$0.73 | 10/04/2024 |
| Total Postage and Fees \$9.68 | |
| Sent To | |
| Street and Apt | |
| City, State, Zip | |
| PS Form 380 | ctions |

U.S. DEPARTMENT OF INTERIOR
Bureau of Land Management
Oil & Gas Division
620 E. Greene St.
Carlsbad, NM 88220

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| Midland, TX 79705 | |
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| \$4.10 | 03 |
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| <input type="checkbox"/> Return Receipt (electronic) \$0.00 | |
| <input type="checkbox"/> Certified Mail Restricted Delivery \$0.00 | |
| <input type="checkbox"/> Adult Signature Required \$0.00 | |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$0.00 | |
| Postage \$0.73 | 10/04/2024 |
| Total Postage and Fees \$9.68 | |
| Sent To | |
| Street and Apt | |
| City, State, Zip | |
| PS Form 380 | ctions |

SAGUARO PETROLEUM
15 Smith Rd, Ste. 3002
Midland, TX 79705

7018 2290 0001 2038 8937

| U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only | |
|--|------------|
| For delivery information, visit our website at www.usps.com ®. | |
| Fort Worth, TX 76102 | |
| OFFICIAL USE | |
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| \$4.10 | 03 |
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| <input type="checkbox"/> Return Receipt (electronic) \$0.00 | |
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| <input type="checkbox"/> Adult Signature Required \$0.00 | |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$0.00 | |
| Postage \$0.73 | 10/04/2024 |
| Total Postage and Fees \$9.68 | |
| Sent To | |
| Street and Apt | |
| City, State, Zip | |
| PS Form 380 | ions |

BURNETT OIL COMPANY, INC
801 Cherry Street Unit #9, Ste. 1500
Fort Worth, TX 76102

7018 2290 0001 2038 8944

| U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only | |
|--|------------|
| For delivery information, visit our website at www.usps.com ®. | |
| Loco Hills, NM 88255 | |
| OFFICIAL USE | |
| Certified Mail Fee \$4.85 | 0351 |
| \$4.10 | 03 |
| Extra Services & Fees (check box, add fee as appropriate) | |
| <input type="checkbox"/> Return Receipt (hardcopy) \$0.00 | |
| <input type="checkbox"/> Return Receipt (electronic) \$0.00 | |
| <input type="checkbox"/> Certified Mail Restricted Delivery \$0.00 | |
| <input type="checkbox"/> Adult Signature Required \$0.00 | |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$0.00 | |
| Postage \$0.73 | 10/04/2024 |
| Total Postage and Fees \$9.68 | |
| Sent To | |
| Street and Apt | |
| City, State, Zip | |
| PS Form 380 | ions |

RAY WESTALL OPERATING, INC
P.O. Box 4
Loco Hills, NM 88255-0004

C-108 - Item XIV

Proof of Notice (Certified Mail Receipts – cont.)

7018 2290 0001 2038 8951

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Midland, TX 79705

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| | \$4.10 | 0351 03 |
| Extra Services & Fees (check box, add fee as appropriate) | | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$0.00 | |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 | |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 | |
| <input type="checkbox"/> Adult Signature Required | \$0.00 | |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 | |
| Postage | \$0.73 | |
| Total Postage and Fees | \$7.68 | |
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| Street and | | |
| City, State | | |
| PS Form | | |

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10/04/2024

APACHE CORP.
303 Veterans Airpark Ln. #1000
Midland, TX 79705

7018 2290 0001 2038 8968

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Houston, TX 77210

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|--|--------|---------|
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| | \$4.10 | 0351 03 |
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| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 | |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 | |
| <input type="checkbox"/> Adult Signature Required | \$0.00 | |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 | |
| Postage | \$0.73 | |
| Total Postage and Fees | \$7.68 | |
| Sent To | | |
| Street and | | |
| City, State | | |
| PS Form | | |

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10/04/2024

OXY USA WTP
P.O. Box 4294
Houston, TX 77210

7018 2290 0001 2038 8975

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Southlake, TX 76092

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|--|--------|---------|
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| | \$4.10 | 0351 03 |
| Extra Services & Fees (check box, add fee as appropriate) | | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$0.00 | |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 | |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 | |
| <input type="checkbox"/> Adult Signature Required | \$0.00 | |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 | |
| Postage | \$0.73 | |
| Total Postage and Fees | \$7.68 | |
| Sent To | | |
| Street and | | |
| City, State | | |
| PS Form | | |

Postmark Here

10/04/2024

DAVID J. DISIERE
1227 Wyndham Hill Ln.
Southlake, TX 76092-9309

7018 2290 0001 2038 8982

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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Houston, TX 77002

OFFICIAL USE

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|--|--------|---------|
| Certified Mail Fee | \$4.85 | |
| | \$4.10 | 0351 03 |
| Extra Services & Fees (check box, add fee as appropriate) | | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$0.00 | |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 | |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 | |
| <input type="checkbox"/> Adult Signature Required | \$0.00 | |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 | |
| Postage | \$0.73 | |
| Total Postage and Fees | \$7.68 | |
| Sent To | | |
| Street and Apt. | | |
| City, State, ZIP | | |
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10/04/2024

MAVERICK PERMIAN, LLC
1000 Main Street, Suite 2900
Houston, Texas 77002

Affidavit of Publication**Copy of Publication:**No. 14550

State of New Mexico

County of Eddy:

Danny Scott

being duly sworn, says that he is the

Publisher

of the Artesia Daily Press, a daily newspaper of General
circulation, published in English at Artesia, said county
and state, and that the hereto attached

Legal Ad

was published in a regular and entire issue of the said
Artesia Daily Press, a daily newspaper duly qualified
for that purpose within the meaning of Chapter 167 of
the 1937 Session Laws of the state of New Mexico for

1 Consecutive weeks/day on the same

day as follows:

First Publication September 19, 2024

Second Publication _____

Third Publication _____

Fourth Publication _____

Fifth Publication _____

Sixth Publication _____

Seventh Publication _____

Eighth Publication _____

Subscribed and sworn before me this

23rd day of September 2024

LATISHA ROMINE
Notary Public, State of New Mexico
Commission No. 1076338
My Commission Expires
05-12-2027

Latisha Romine

Latisha Romine

Notary Public, Eddy County, New Mexico

Spur Energy Partners, LLC, 9655 Katy Freeway, Ste.500, Houston, TX 77024, is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The Power Federal #2 (API No.30-015-27508) is located 1400 feet from the South line and 660 feet from the East line (Unit I) of Section 26, Township 17 South, Range 30 East, NMPM, Eddy County, New Mexico. Produced water from Spurs area production will be privately disposed (not open to commercial disposal) into the [Pennsylvanian] Cisco/Canyon formations at depths between 8850' to 9040' at a maximum surface pressure of 1770 psi, maximum daily rate of 6500 bwpd and an average rate of 3500 bwpd. The subject SWD well is located approximately 2.8 miles southeast of Loco Hills, NM.

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14550-Published in Artesia
Daily Press SEpt. 19, 2024.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 393449

CONDITIONS

| | |
|---|--|
| Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024 | OGRID: 328947 |
| | Action Number: 393449 |
| | Action Type: [C-108] Fluid Injection Well (C-108) |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|-----------|----------------|
| mgebremichael | None | 11/13/2024 |