

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

**APPLICATION OF SPUR ENERGY
PARTNERS, LLC FOR COMPULSORY
POOLING, EDDY COUNTY, NEW MEXICO**

Case No. 22532

**SPUR ENERGY PARTNERS, LLC'S
HEARING EXHIBITS**

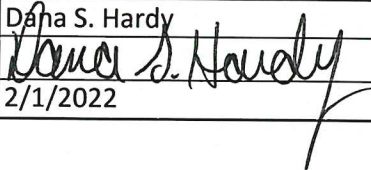
Compulsory Pooling Checklist

Exhibit A	Self-Affirmed Statement of Blair Brummell
A-1	Application & Proposed Notice of Hearing
A-2	C-102(s)
A-3	Plat of Tracts, Tract Ownership, Pooled Party, Unit Recapitulation
A-4	Sample Well Proposal Letter & AFE(s)
A-5	Summary of Communications
A-6	Hearing Notice Letter and Return Receipts
A-7	Affidavit of Publication
Exhibit B	Self-Affirmed Statement of C.J. Lipinski
B-1	Location Map
B-2	Structure Map
B-3	Cross Section
B-4	Gunbarrel Schematic

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case No.:	22532
Hearing Date:	2/3/2022
Applicant	Spur Energy Partners, LLC
Designated Operator & OGRID	OGRID # 328947
Applicant's Counsel	Hinkle Shanor LLP
Case Title	Application of Spur Energy Partners, LLC for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors	-
Well Family	Halberd
Formation/Pool	
Formation Name(s) or Vertical Extent	Yeso
Primary Product (Oil or Gas)	Oil
Pooling this vertical extent	Yeso, 4000' MD to 5682' MD.
Pool Name and Pool Code	Artesia; Glorieta-Yeso (Pool Code 96830)
Well Location Setback Rules	Statewide
Spacing Unit Size	320-acre
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320-acre
Building Blocks	quarter-quarter
Orientation	laydown
Description: TRS/County	N/2S/2 and S/2N/2 of Section 27, Township 17 South, Range 28 East in Eddy County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	Yes; at 4000' MD in the Artesia; Glorieta-Yeso Pool
Proximity Tracts: If yes, description	-
Proximity Defining Well: if yes, description	-
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Halberd 27 State Com 50H (API # pending) SHL: 2220' FNL & 745' FWL, Unit E, Section 26, T17S-R28E BHL: 1575' FNL & 50' FWL, Unit E, Section 27, T17S-R28E Completion Target: Yeso formation (Approx. 4137' TVD)
Well #2	Halberd 27 State Com 51H (API # pending) SHL: 989' FSL & 612' FWL, Unit M, Section 26, T17S-R28E BHL: 1500' FSL & 50' FWL, Unit L, Section 27, T17S-R28E Completion Target: Yeso formation (Approx. 4275' TVD)
Well #3	Halberd 27 State Com 71H (API # pending) SHL: 2240' FNL & 745' FWL, Unit E, Section 26, T17S-R28E BHL: 2475' FSL & 50' FWL, Unit L, Section 27, T17S-28E Completion Target: Yeso formation (Approx. 4385' TVD)
Horizontal Well First and Last Take Points	Exhibit A-2
Completion Target (Formation, TVD and MD)	Exhibit A-4
E Capex and Operating Costs	
Drilling Supervision/Month \$	8000
Production Supervision/Month \$	800
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A-1

Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit A-6
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit A-7
Ownership Determination	
Land Ownership Schematic of Spacing Unit	Exhibit A-3
Tract List (including lease numbers & owners)	Exhibit A-3
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	Exhibit A-3
Ownership Depth Severance (including percentage above & below)	Exhibit A-3
Joinder	
Sample Copy of Proposal Letter	Exhibit A-4
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
Overhead Rates In Proposal Letter	N/A
Cost Estimate to Drill and Complete	Exhibit A-4
Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate for Production Facilities	Exhibit A-4
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-4
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-3
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-2
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibit B-1
Structure Contour Map - Subsea Depth	Exhibit B-2
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibit B-3
Additional Information	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Dana S. Hardy
Signed Name (Attorney or Party Representative):	
Date:	2/1/2022

STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

APPLICATION OF SPUR ENERGY
PARTNERS, LLC FOR COMPULSORY
POOLING, EDDY COUNTY, NEW MEXICO

CASE NO. 22532

SELF-AFFIRMED STATEMENT
OF BLAIR BRUMMELL

1. I am a senior landman at Spur Energy Partners, LLC ("Spur") and am over 18 years of age. I have personal knowledge of the matters addressed herein and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division"), and my qualifications as an expert in petroleum land matters were accepted and made a matter of record.

2. I am familiar with the application in the above-referenced case and the land matters involved. Copies of the application and proposed hearing notice are attached as **Exhibit A-1**.

3. None of the parties proposed to be pooled in this case indicated opposition to this matter proceeding by affidavit, therefore I do not expect any opposition at hearing.

4. Spur seeks an order pooling all uncommitted mineral interests from a depth of approximately 4,000' MD to the base of the Yeso formation in a 320-acre, more or less, standard horizontal spacing unit comprised of the N/2S/2 and S/2N/2 of Section 27, Township 17 South, Range 28 East in Eddy County, New Mexico ("Unit").

5. The Unit will be dedicated to the following wells:

- a. **Halberd 27 State Com 50H** to be horizontally drilled from a surface location in the SW/4NW/4 (Unit E) of Section 26 to a bottom hole location in the SW/4NW/4 (Unit E) of Section 27,

- b. **Halberd 27 State Com 71H** to be horizontally drilled from a surface location in the SW/4NW/4 (Unit E) of Section 26 to a bottom hole location in the NW/4SW/4 (Unit L) of Section 27, and
 - c. **Halberd State Com 51H** to be horizontally drilled from a surface location in the SW/4SW/4 (Unit M) of Section 26 to a bottom hole location in the NW/4SW/4 (Unit L) of Section 27.
6. The completed interval of the Halberd 27 State Com 71H will be within 330' of the interior Unit line separating the N/2S/2 and the S/2N/2 of Section 27 to allow for the creation of a standard 320-acre horizontal spacing unit.
7. The completed interval of the Halberd 27 State Com 50H and the Halberd 27 State Com 51H will be unorthodox. The completed interval of the Halberd 27 State Com 71H will be orthodox.
8. The Wells are located in the Artesia; Glorieta-Yeso (Pool Code 96830).
9. With respect to well setback requirements, this pool is subject to the statewide horizontal well rules set out in NMAC 19.15.16.15.
10. A depth severance exists in the Yeso formation within the proposed Unit. Accordingly, Spur seeks to pool all uncommitted interests from a depth of approximately 4,000' MD to the base of the Yeso formation (at a stratigraphic equivalent of approximately 5,682' MD as observed on the Geronimo '27' State Com #1 Platform Express, Azimuthal Laterolog (API No. 30-015-31173).
11. **Exhibit A-2** contains C-102s for the Wells.

12. **Exhibit A-3** contains a plat identifying ownership by tract in the Unit. This exhibit also includes any applicable lease numbers, a unit recapitulation, and the interests Spur seeks to pool.

13. **Exhibit A-4** contains a sample well proposal letter and AFEs sent to working interest owners for the Wells. The estimated costs reflected on the AFEs are fair, reasonable and comparable to the cost of other wells of similar depth and length drilled in the Yeso formation in the area.

14. Spur has conducted a diligent search of all county public records including phone directories and computer databases.

15. All interest owners Spur seeks to pool are locatable.

16. In my opinion, Spur made a good-faith effort to reach voluntary joinder of uncommitted interests in the Wells as indicated by the chronology of contact described in **Exhibit A-5**.

17. Spur requests overhead and administrative rates of \$8,000 per month while the Wells are being drilled and \$800 per month while the Wells are producing. These rates are fair and are comparable to the rates charged by Spur and by other operators in the vicinity.

18. Notice of Spur's application and the Division hearing was timely provided to the uncommitted interests by certified mail more than 20 days prior to the hearing date. A sample of the notice letters and associated green cards are attached as **Exhibit A-6**.

19. Notice of Spur's application and the Division hearing was published more than ten business days prior to the hearing date. The affidavit of publication is attached as **Exhibit A-7**.

20. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.

21. In my opinion, the granting of Spur's application would serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

22. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 21 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Blair Brummell
Blair Brummell

1-14-22
Date

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

**APPLICATION OF SPUR ENERGY
PARTNERS, LLC FOR COMPULSORY
POOLING, EDDY COUNTY, NEW MEXICO**

Case No. 22532

APPLICATION

Pursuant to NMSA § 70-2-17, Spur Energy Partners, LLC ("Spur") applies for an order pooling all uncommitted mineral interests from a depth of approximately 4,000' MD to the base of the Yeso formation in a 320-acre, more or less, standard horizontal spacing unit comprised of the N/2S/2 and S/2N/2 of Section 27, Township 17 South, Range 28 East in Eddy County, New Mexico ("Unit"). In support of its application, Spur states the following.

1. Spur (OGRID No. 328947) is a working interest owner in the Unit and has the right to drill wells thereon.
2. The Unit will be dedicated to the following wells ("Wells"):
 - a. **Halberd 27 State Com 50H** to be horizontally drilled from a surface location in the SW/4NW/4 (Unit E) of Section 26 to a bottom hole location in the SW/4NW/4 (Unit E) of Section 27,
 - b. **Halberd 27 State Com 71H** to be horizontally drilled from a surface location in the SW/4NW/4 (Unit E) of Section 26 to a bottom hole location in the NW/4SW/4 (Unit L) of Section 27, and
 - c. **Halberd State Com 51H** to be horizontally drilled from a surface location in the SW/4SW/4 (Unit M) of Section 26 to a bottom hole location in the NW/4SW/4 (Unit L) of Section 27.

SPUR ENERGY

Case No. 22532

Exhibit A-1

3. The completed interval of the **Halberd 27 State Com 71H** will be within 330' of the interior Unit line separating the N/2S/2 and the S/2N/2 of Section 27 to allow for the creation of a standard 320-acre horizontal spacing unit.

4. The completed interval of the **Halberd 27 State Com 50H** and the **Halberd 27 State Com 51H** will be unorthodox. The completed interval of the **Halberd 27 State Com 71H** will be orthodox.

5. A depth severance exists in the Yeso formation within the proposed Unit. Accordingly, Spur seeks to pool all uncommitted interests from a depth of approximately 4,000' MD to the base of the Yeso formation (at a stratigraphic equivalent of approximately 5,682' MD as observed on the Geronimo '27' State Com #1 Platform Express, Azimuthal Laterolog (API No. 30-015-31173)).

6. Spur has undertaken diligent, good-faith efforts to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the Wells but has been unable to obtain voluntary agreements from all the mineral interest owners.

7. The pooling of uncommitted mineral interests will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

8. In order to allow Spur to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted mineral interests in the Unit should be pooled and Spur should be designated the operator of the Wells and Unit.

WHEREFORE, Spur requests that this application be set for hearing on February 3, 2022 and after notice and hearing the Division enter an order:

- A. Pooling all uncommitted interests in the Unit as set forth above;
- B. Approving the Wells in the Unit;
- C. Designating Spur as operator of the Unit and the Wells to be drilled thereon;

- D. Authorizing Spur to recover its costs of drilling, equipping and completing the Wells;
- E. Approving the actual operating charges and costs of supervision while drilling and after completion together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- F. Imposing a 200% penalty for the risk assumed by Spur in drilling and completing the Wells against any working interest owner who does not voluntarily participate in the drilling of the Wells.

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy

Michael Rodriguez

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

Facsimile: (505) 982-8623

dhardy@hinklelawfirm.com

mrodriguez@hinklelawfirm.com

Counsel for Spur Energy Partners, LLC

Application of Spur Energy Partners, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant seeks to pool all uncommitted mineral interests from a depth of approximately 4,000' MD to the base of the Yeso formation in a 320-acre, more or less, standard horizontal spacing unit comprised of the N/2S/2 and S/2N/2 of Section 27, Township 17 South, Range 28 East in Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the following wells ("Wells"): Halberd 27 State Com 50H to be horizontally drilled from a surface location in the SW/4NW/4 (Unit E) of Section 26 to a bottom hole location in the SW/4NW/4 (Unit E) of Section 27, Halberd 27 State Com 71H to be horizontally drilled from a surface location in the SW/4NW/4 (Unit E) of Section 26 to a bottom hole location in the NW/4SW/4 (Unit L) of Section 27, and Halberd 27 State Com 51H to be horizontally drilled from a surface location in the SW/4SW/4 (Unit M) of Section 26 to a bottom hole location in the NW/4SW/4 (Unit L) of Section 27. The completed interval of the Halberd 27 State Com 71H will be within 330' of the interior Unit line separating the N/2S/2 and the S/2N/2 of Section 27 to allow for the creation of a standard 320-acre horizontal spacing unit. The completed interval of the Halberd 27 State Com 50H and the Halberd 27 State Com 51H will be unorthodox. The completed interval of the Halberd 27 State Com 71H will be orthodox. A depth severance exists in the Yeso formation within the proposed Unit. Accordingly, Spur seeks to pool all uncommitted interests from a depth of approximately 4,000' MD to the base of the Yeso formation (at a stratigraphic equivalent of approximately 5,682' MD as observed on the Geronimo '27' State Com #1 Platform Express, Azimuthal Laterolog (API No. 30-015-31173). Also to be considered will be the cost of drilling and completing the Wells and the allocation of the cost, the designation of Spur Energy Partners, LLC as the operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 10 miles west of Loco Hills, New Mexico.

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name HALBERD 27 STATE COM			
⁷ GRID NO.		⁸ Operator Name SPUR ENERGY PARTNERS LLC.			
		⁶ Well Number 50H			
		⁹ Elevation 3634'			

¹⁰ Surface Location

UL or lot no. E	Section 26	Township 17S	Range 28E	Lot Idn	Feet from the 2220	North/South line NORTH	Feet From the 745	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. E	Section 27	Township 17S	Range 28E	Lot Idn	Feet from the 1575	North/South line NORTH	Feet from the 50	East/West line WEST	County EDDY
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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

¹⁶ **GEODETIC DATA**
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)
N: 657313.1 - E: 596743.3
LAT: 32.8068536° N
LONG: 104.1530012° W

FIRST TAKE POINT (FTP)
1575' FNL & 100' FEL - SEC 27
N: 657900.2 - E: 595905.6
LAT: 32.8084712° N
LONG: 104.1557244° W

LAST TAKE POINT (LTP)
1575' FNL & 100' FWL - SEC 27
N: 657883.6 - E: 590879.3
LAT: 32.8084476° N
LONG: 104.1720842° W

BOTTOM HOLE (BH)
N: 657883.4 - E: 590829.3
LAT: 32.8084473° N
LONG: 104.1722469° W

CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1941"
N: 654235.0 - E: 590741.9

B: FOUND BRASS CAP "1941"
N: 656846.0 - E: 590769.0

C: FOUND BRASS CAP "1941"
N: 659457.7 - E: 590794.9

D: FOUND BRASS CAP "1941"
N: 659466.8 - E: 593406.4

E: FOUND BRASS CAP "1941"
N: 659475.1 - E: 596017.9

F: FOUND BRASS CAP "1941"
N: 659675.9 - E: 598617.6

G: FOUND BRASS CAP "1941"
N: 659870.2 - E: 601205.0

H: FOUND BRASS CAP "1941"
N: 657214.4 - E: 601209.0

I: FOUND BRASS CAP "1941"
N: 654552.6 - E: 601197.1

J: FOUND BRASS CAP "1941"
N: 654424.1 - E: 598586.6

K: FOUND BRASS CAP "1941"
N: 654298.0 - E: 595977.3

L: FOUND BRASS CAP "1941"
N: 654266.7 - E: 593360.1

M: FOUND BRASS CAP "1941"
N: 656886.5 - E: 595997.7

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

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.

12/28/21

Date of Survey

Signature and Seal of Professional Surveyor

19680

ificate Number



SPUR ENERGY

Case No. 22532

Exhibit A-2

LS21121320

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name HALBERD 27 STATE COM			⁶ Well Number 51H
⁷ GRID NO.		⁸ Operator Name SPUR ENERGY PARTNERS LLC.			⁹ Elevation 3678'

¹⁰ Surface Location

UL or lot no. M	Section 26	Township 17S	Range 28E	Lot Idn	Feet from the 989	North/South line SOUTH	Feet From the 612	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. L	Section 27	Township 17S	Range 28E	Lot Idn	Feet from the 1500	North/South line SOUTH	Feet from the 50	East/West line WEST	County EDDY
¹² Dedicated Acres		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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

<p>¹⁶ <u>GEODETIC DATA</u> NAD 83 GRID - NM EAST</p> <p><u>SURFACE LOCATION (SL)</u> N: 655315.9 - E: 596596.2 LAT: 32.8013646° N LONG: 104.1534910° W</p> <p><u>FIRST TAKE POINT (FTP)</u> 1500' FSL & 100' FEL - SEC 27 N: 655796.4 - E: 595889.1 LAT: 32.8026887° N LONG: 104.1557895° W</p> <p><u>LAST TAKE POINT (LTP)</u> 1500' FSL & 100' FWL - SEC 27 N: 655735.7 - E: 590857.5 LAT: 32.8025440° N LONG: 104.1721659° W</p> <p><u>BOTTOM HOLE (BH)</u> N: 655735.1 - E: 590807.5 LAT: 32.8025425° N LONG: 104.1723285° W</p>		<p><u>CORNER DATA</u> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1941" N: 654235.0 - E: 590741.9</p> <p>B: FOUND BRASS CAP "1941" N: 656846.0 - E: 590769.0</p> <p>C: FOUND BRASS CAP "1941" N: 659457.7 - E: 590794.9</p> <p>D: FOUND BRASS CAP "1941" N: 659466.8 - E: 593406.4</p> <p>E: FOUND BRASS CAP "1941" N: 659475.1 - E: 596017.9</p> <p>F: FOUND BRASS CAP "1941" N: 659675.9 - E: 598617.6</p> <p>G: FOUND BRASS CAP "1941" N: 659870.2 - E: 601205.0</p> <p>H: FOUND BRASS CAP "1941" N: 657214.4 - E: 601209.0</p> <p>I: FOUND BRASS CAP "1941" N: 654552.6 - E: 601197.1</p> <p>J: FOUND BRASS CAP "1941" N: 654424.1 - E: 598586.6</p> <p>K: FOUND BRASS CAP "1941" N: 654298.0 - E: 595977.3</p> <p>L: FOUND BRASS CAP "1941" N: 654266.7 - E: 593360.1</p> <p>M: FOUND BRASS CAP "1941" N: 656886.5 - E: 595997.7</p>	
<p>¹⁷ <u>OPERATOR CERTIFICATION</u> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>		<p>¹⁸ <u>SURVEYOR CERTIFICATION</u> 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.</p> <p>12/28/21 Date of Survey</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>19680 Certificate Number</p>	

LS21121328

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
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Phone: (505) 334-6178 Fax: (505) 334-6170
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1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name HALBERD 27 STATE COM	⁶ Well Number 71H
⁷ GRID NO.	⁸ Operator Name SPUR ENERGY PARTNERS LLC.	⁹ Elevation 3633'

¹⁰ Surface Location

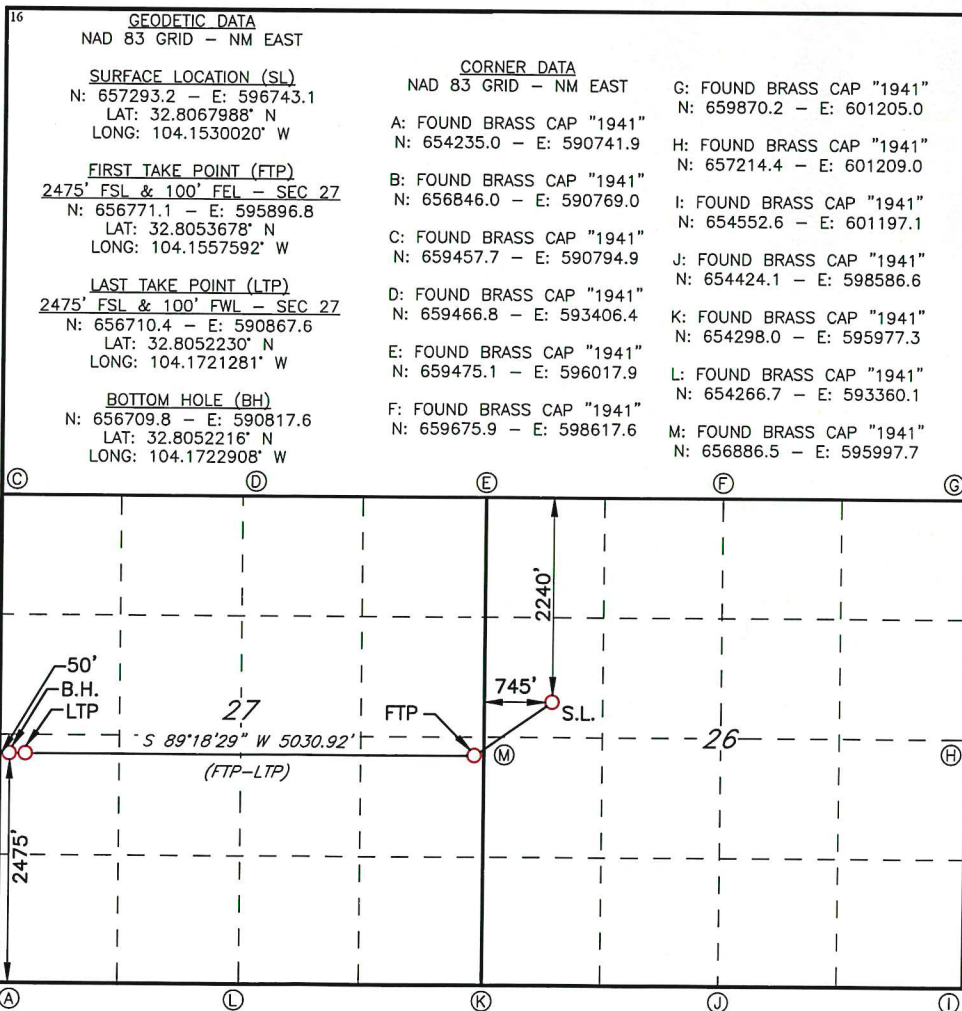
UL or lot no. E	Section 26	Township 17S	Range 28E	Lot Idn	Feet from the 2240	North/South line NORTH	Feet From the 745	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. L	Section 27	Township 17S	Range 28E	Lot Idn	Feet from the 2475	North/South line SOUTH	Feet from the 50	East/West line WEST	County EDDY
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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
-------------------------------	-------------------------------	----------------------------------	-------------------------

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



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

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.

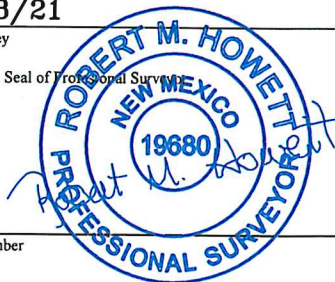
12/28/21

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number



LS21121321

Exhibit A-3

South Half of North Half (S/2 N/2) and North Half of South Half (N/2 S/2) of Section 27, Township 17 South, Range 28 East, Eddy County, New Mexico as to those depths from 4000' to the Top of the ABO Formation.

SECTION 27-T17S-R28E (640.00 acres)



Tract 1: S2 NW4 of Section 27-17S-28E (NM State Lease No. B0-2071-0037)

- OXY USA WTP, LP 43.75% Working Interest
- Occidental Petroleum Corporation 22.00% Working Interest
- SEP Permian LLC 31.20% Working Interest

Tract 2: S2 NE4 of Section 27-17S-28E (NM State Lease No. B0-2071-0037)

- Occidental Petroleum Corporation 22.00% Working Interest
- WPX Energy Permian, LLC 78.00% Working Interest

Tract 7: NW4 SW4 of Section 27-17S-28E (NM State Lease No. B1-1593-0010)

- Occidental Petroleum Corporation 100% Working Interest

SPUR ENERGY

Case No. 22532

Exhibit A-3

Tract 8: NE4 SW4 of Section 27-17S-28E (NM State Lease No. X0-0647-0324)

- EOG Resources Inc. 43.75% Working Interest
- Jalapeno Corporation 2.999% Working Interest
- Sharbro Energy, LLC 18.75% Working Interest
- Spiral, Inc. 7.136% Working Interest
- Vladin LLC 25.00% Working Interest
- Yates Energy Corporation 2.365% Working Interest

Tract 9: N2 SE4 of Section 27-17S-R28E (NM State Lease No. B0-2071-0023)

- Occidental Petroleum Corporation 22.00% Working Interest
- WPX Energy Permian, LLC 78.00% Working Interest

RECAPITULATION

Tract Number	Number of Acres Committed	Percentage of Interest in Unit
1	80	25.00%
2	80	25.00%
7	40	12.50%
8	40	12.50%
9	80	25.00%
TOTAL	320	100.00%

SEP Permian LLC
9655 Katy Freeway, Ste 500
Houston, Texas 77024

13.30% Working Interest

EOG Resources Inc
104 S. 4th Street
Artesia, New Mexico 88210

5.47% Working Interest

Jalapeno Corporation
P.O. Box 1608
Albuquerque, New Mexico 87103

0.37% Working Interest

Occidental Petroleum Corporation
5 Greenway Plaza, Ste 110
Houston, Texas 77046

23.50% Working Interest

Sharbro Energy, LLC
P.O. Box 840
Artesia, New Mexico 88211

2.34% Working Interest

Spiral, Inc.
P.O. Box 1933
Roswell, New Mexico 88202

0.89% Working Interest

Vladin LLC
P.O. Box 100
Artesia, New Mexico 88211

3.13% Working Interest

OXY USA WTP LP
S. Greenway Plaza, Ste 110
Houston, Texas 77046

11.70% Working Interest

WPX Energy Permian LLC
333 W. Sheridan Avenue
Oklahoma City, Oklahoma 73102

39.00% Working Interest

Yates Energy Corporation
P.O. Box 2323
Roswell, New Mexico 88202

0.30% Working Interest

Total

100% Working Interest

Leasehold Interest:

SEP Permian LLC
9655 Katy Freeway, Ste 500
Houston, Texas 77024

EOG Resources Inc
104 S. 4th Street
Artesia, New Mexico 88210

Jalapeno Corporation
P.O. Box 1608
Albuquerque, New Mexico 87103

Occidental Petroleum Corporation
5 Greenway Plaza, Ste 110
Houston, Texas 77046

OXY USA WTP LP
5 Greenway Plaza, Ste 110
Houston, Texas 77046

Sharbro Energy, LLC
P.O. Box 840
Artesia, New Mexico 88211

Spiral, Inc.
P.O. Box 1933
Roswell, New Mexico 88202

Vladin LLC
P.O. Box 100
Artesia, New Mexico 88211

WPX Energy Permian LLC
333 W Sheridan Avenue
Oklahoma City, OK 73102

Yates Energy Corporation
P.O. Box 2323
Roswell, New Mexico 88202

Overriding Royalty Interests:

The Wright Company

Pooled Parties:

Occidental Petroleum Corporation

OXY USA WTP LP

EOG Resources, Inc

WPX Energy Permian LLC

Vladin, LLC

Sharbro Energy LLC

Spiral, Inc.

Yates Energy Corp.

Jalapeno Corp.



January 13, 2022

Occidental Petroleum Corporation
Attn: Alissa Payne
5 Greenway Plaza, Ste 110
Houston, TX 77046

RE: Notice – Halberd 27 State Com 50H, 51H, 71H
Updated Locations
Section 27: S2N2 & N2S2 – 17S, R28E
Eddy County, New Mexico

Dear Potential Working Interest Owner,

Pursuant to the **Halberd 27 State Com 50H, 51H, 71H** proposals dated November 12, 2021, SEP Permian LLC, an affiliate of Spur Energy Partners LLC (“Spur”) has since updated the locations. Please see the below changes in location per well.

Halberd 27 State Com 50H well – Horizontal Yeso Well, Eddy County, NM

- Proposed Surface Hole Location – 2220’ FNL & 745’ FWL, Section 26, T17S-R28E
- Proposed Bottom Hole Location – 1575’ FNL & 50’ FWL, Section 27, T17S-R28E
- TVD: 4137’

Halberd 27 State Com 51H well – Horizontal Yeso Well, Eddy County, NM

- **Old** Proposed Surface Hole Location – 1825’ FSL & 465’ FEL, Section 28, T17S-R28E
- **New** Proposed Surface Hole Location – 989’ FSL & 612’ FWL, Section 26, T17S-R28E
- **Old** Proposed Bottom Hole Location – 1500’ FSL & 50’ FEL, Section 27, T17S-R28E
- **New** Proposed Bottom Hole Location – 1500’ FSL & 50’ FWL, Section 27, T17S-R28E
- TVD: 4275’

Halberd 27 State Com 71H well – Horizontal Yeso Well, Eddy County, NM

- Proposed Surface Hole Location – 2240’ FNL & 745’ FWL, Section 26, T17S-R28E
- **Old** Proposed Bottom Hole Location – 2475’ FNL & 50’ FWL, Section 27, T17S-R28E
- **New** Proposed Bottom Hole Location – 2475’ FSL & 50’ FWL, Section 27, T17S-28E
- TVD: 4385’

If you have any questions concerning the updated information for the four wells, please contact Murphy Lauck by phone at 832-982-1087 or by email to mulauck@spurenergy.com

Sincerely,

Blair Brummell
Senior Landman

SPUR ENERGY

Case No. 22532

Exhibit A-4



November 12, 2021

EOG Resources, Inc.
104 S. 4th Street
Artesia, NM 88210

Sent Certified Mail, Return Receipt Requested

RE: Well Proposals – Halberd 27 State Com 50H, 51H, 71H
Proposed Spacing Unit
Section 27: S2N2 & N2S2 – 17S, R28E
Eddy County, New Mexico

Dear Working Interest Owner,

SEP Permian LLC, an affiliate of Spur Energy Partners LLC, ("Spur"), hereby proposes to drill and complete the **Halberd 27 State Com 50H, 51H, and 71H** as horizontal Yeso wells (the "Subject Wells") to the approximate total vertical depth as referenced below at the following proposed location (subject to change upon staking of the wells and/or pads).

Halberd 27 State Com 50H well – Horizontal Yeso Well, Eddy County, NM

- Proposed Surface Hole Location – 2220' FNL & 745' FWL, Section 26, T17S-R28E
- Proposed Bottom Hole Location – 1575' FNL & 50' FWL, Section 27, T17S-R28E
- TVD: 4137'
- Total AFE: \$3,375,000

Halberd 27 State Com 51H well – Horizontal Yeso Well, Eddy County, NM

- Proposed Surface Hole Location – 1825' FSL & 465' FEL, Section 28, T17S-R28E
- Proposed Bottom Hole Location – 1500' FSL & 50' FEL, Section 27, T17S-R28E
- TVD: 4275'
- Total AFE: \$3,375,000

Halberd 27 State Com 71H well – Horizontal Yeso Well, Eddy County, NM

- Proposed Surface Hole Location – 2240' FNL & 745' FWL, Section 26, T17S-R28E
- Proposed Bottom Hole Location – 2475' FNL & 50' FWL, Section 27, T17S-R28E
- TVD: 4385'
- Total AFE: \$3,375,000

Spur proposes to form a Drilling Spacing Unit ("DSU") covering the South Half of the North Half (S2N2) and the North Half of the South Half (N2S2) of Section 27-T17S-R28E, Eddy County, New Mexico, containing 320 acres of land, more or less, from 4000' to the base of the Yeso. Portions of these lands are likely governed by existing Joint Operating Agreements ("JOAs") which also cover the Yeso formation and which govern operations for vertical wells. For the mutually exclusive development of horizontal wells, and any concept wells (i.e. micro seismic wells, pilot hole wells) within the DSU, Spur hereby submits for your consideration, a new Joint Operating Agreement dated July 1, 2022, being a modified 2015 Horizontal AAPL Form 610 Operating Agreement ("NJOA") to govern proposals and operations within the DSU. The NJOA shall supersede any existing operations under any JOAs, expressly limited however, to horizontal well development and related concept wells and operations within the DSU. The NJOA has the following general provisions:



- Effective Date of July 1, 2022
- Contract Area consisting of S2N2 & N2S2 of Section 27, Township 17 South, Range 28 East limited to a depth from 4000' to the base of the Yeso formation
- 100%/300%/300% non-consenting penalty
- \$8,000/\$800 drilling and producing monthly overhead rate
- Spur Energy Partners LLC named Operator

Please find the enclosed AFE's reflecting a total well cost estimate for drilling and completing costs for each well. Spur respectfully requests that you select one of the following four options with regard to your interest in the proposed well(s).

Option 1: Participate in the drilling and completion of the proposed well

Option 2: Elect to not participate in the proposed well (an election of "Non-Consent")

Term Assignment Option: Assign your working interest in the Contract Area, exclusive of wellbores of existing wells, to Spur through a Term Assignment with a primary term of (3) years and a bonus consideration of \$500 per net acre, delivering 80% leasehold net revenue interest (limited to the Yeso formation).

Assignment Option: Assign all your working interest in the Contract Area, exclusive of wellbores of existing wells, to Spur for a bonus consideration of \$1,500.00 per net acre delivering all rights owned.

Please indicate your election as to one of the above four options for each well in the space provided below and execute and return a copy of this letter to Spur by U.S. mail to the letterhead address below within 30 days of receipt of this proposal. If a voluntary agreement cannot be reached in 30 days of receipt of this letter, please be advised Spur may apply to the New Mexico Oil and Conservation Division for compulsory pooling of any uncommitted interest owners into a spacing unit for the proposed wells if uncommitted at such time.

In the event you would like to assign your interest under the terms outlined above by way of the Term Assignment Option or Assignment Option, please signify your intentions by signing the enclosed Assignment Election page and returning an executed W-9. Upon receipt Spur will submit an Assignment for your review and acceptance.

If you have any questions concerning the proposed wells, please contact Murphy Lauck by phone at 832-982-1087 or by email to mulauck@spurepllc.com

Sincerely,

A handwritten signature in blue ink that reads "Blair Brummell".

Blair Brummell
Senior Landman

**Halberd 27 State Com 50H well**

_____ **Option 1)** The undersigned elects to participate in the drilling and completion of the Halberd 27 State Com 50H well. Enclosed please find our share of the payment of the estimated AFE costs based upon the calculation of its working interest as stated above, with the cost and maintenance of all surface facilities, including any shared well pads, being reapportioned between each well drilled in the Unit.

_____ **Option 2)** The undersigned elects not to participate in the drilling and completion of the proposed Halberd 27 State Com 50H well.

Agreed to and Accepted this _____ day of _____, 2021.

Company/Individual: _____

By: _____

Name: _____

Title: _____

**Halberd 27 State Com 51H well**

_____ **Option 1)** The undersigned elects to participate in the drilling and completion of the Halberd 27 State Com 51H well. Enclosed please find our share of the payment of the estimated AFE costs based upon the calculation of its working interest as stated above, with the cost and maintenance of all surface facilities, including any shared well pads, being reapportioned between each well drilled in the Unit.

_____ **Option 2)** The undersigned elects not to participate in the drilling and completion of the proposed Halberd 27 State Com 51H well.

Agreed to and Accepted this _____ day of _____, 2021.

Company/Individual: _____

By: _____

Name: _____

Title: _____

**Halberd 27 State Com 71H well**

_____ **Option 1)** The undersigned elects to participate in the drilling and completion of the Halberd 27 State Com 71H well. Enclosed please find our share of the payment of the estimated AFE costs based upon the calculation of its working interest as stated above, with the cost and maintenance of all surface facilities, including any shared well pads, being reapportioned between each well drilled in the Unit.

_____ **Option 2)** The undersigned elects not to participate in the drilling and completion of the proposed Halberd 27 State Com 71H well.

Agreed to and Accepted this _____ day of _____, 2021.

Company/Individual: _____

By: _____

Name: _____

Title: _____



Term Assignment Option

_____ The undersigned elects to assign its working interest in the Contract Area, exclusive of wellbores of existing wells, to Spur through a term assignment with a primary term of three (3) years and a bonus consideration of \$500 per net acre, delivering a 80% leasehold net revenue interest (limited to the Yeso formation).

Assignment Option

_____ The undersigned elects to assign its working interest in the Contract Area, exclusive of wellbores of existing wells, to Spur for a bonus consideration of \$1,500 per net acre delivering all rights owned.

Agreed to and Accepted this _____ day of _____, 2021.

Company/Individual: _____

By: _____

Name: _____

Title: _____



Authority for Expenditure
Drill, Complete, & Equip



Operator: Spur Energy Partners LLC	AFE #: C21147
Well Name: HALBERD 27 STATE COM 50H	
Location: NEW MEXICO / EDDY	
Project:	
Description:	

INTANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		8 8ths	Net	8 8ths	Net	8 8ths	Net
2050-1000	LOCATION - OPS	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 47,000	\$ -	\$ -	\$ -	\$ 47,000	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 56,500	\$ -	\$ -	\$ -	\$ 56,500	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 24,800	\$ -	\$ -	\$ -	\$ 24,800	\$ -
2050-1900	GROUND TRANSPORT	\$ 18,000	\$ -	\$ -	\$ -	\$ 18,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURKEY)	\$ 164,000	\$ -	\$ -	\$ -	\$ 164,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 90,200	\$ -	\$ -	\$ -	\$ 90,200	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 200	\$ -	\$ -	\$ -	\$ 200	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 62,500	\$ -	\$ -	\$ -	\$ 62,500	\$ -
2050-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3400	DESIGN & ENGINEERING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3600	COMPANY LABOR	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-3800	NON OPERATED CHARGES - IDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3900	FUEL, WATER & LUBE	\$ 64,000	\$ -	\$ -	\$ -	\$ 64,000	\$ -
2050-4000	CEMENT	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 9,600	\$ -	\$ -	\$ -	\$ 9,600	\$ -
2050-8001	MOB/DEMOB RIG	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2050-8005	VACUUM TRUCKING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8007	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 78,200	\$ -	\$ -	\$ -	\$ 78,200	\$ -
INTANGIBLE DRILLING SUBTOTAL		\$ 965,000	\$ -	\$ -	\$ -	\$ 965,000	\$ -

TANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		8 8ths	Net	8 8ths	Net	8 8ths	Net
2051-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3800	NON OPERATED CHARGES - TDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5100	SURFACE CASING	\$ 74,000	\$ -	\$ -	\$ -	\$ 74,000	\$ -
2051-5200	INTERMEDIATE CASING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 305,000	\$ -	\$ -	\$ -	\$ 305,000	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 6,000	\$ -	\$ -	\$ -	\$ 6,000	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE DRILLING SUBTOTAL		\$ 425,000	\$ -	\$ -	\$ -	\$ 425,000	\$ -
DRILLING TOTAL		\$ 1,390,000	\$ -	\$ -	\$ -	\$ 1,390,000	\$ -

INTANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		8 8ths	Net	8 8ths	Net	8 8ths	Net
2055-1000	LOCATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1001	TITLE WORK AND OPINIONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1002	OUTSIDE LEGAL SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1300	EQUIP RENT	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 255,000	\$ -	\$ -	\$ -	\$ 255,000	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 141,000	\$ -	\$ -	\$ -	\$ 141,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000	\$ -
2055-2300	FRAC PLUGS	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 12,000	\$ -	\$ -	\$ -	\$ 12,000	\$ -
2055-2403	FLOWBACK	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 373,750	\$ -	\$ -	\$ -	\$ 373,750	\$ -
2055-3400	PROPPANT	\$ 158,000	\$ -	\$ -	\$ -	\$ 158,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 130,000	\$ -	\$ -	\$ -	\$ 130,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING, SNUBBING, NITRO SVC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 16,500	\$ -	\$ -	\$ -	\$ 16,500	\$ -
2055-8006	CONTRACT LABOR - ELECTRICAL/AUTOMATION	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-8007	CONTRACT LABOR - WELL LEVEL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-8008	CONTRACT LABOR - FRAC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE COMPLETION SUBTOTAL		\$ 1,431,250	\$ -	\$ -	\$ -	\$ 1,431,250	\$ -

TANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		\$ 8ths	Net	\$ 8ths	Net	\$ 8ths	Net
2065-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3800	NON OPERATED CHARGES - TCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-4102	WATER SUPPLY WELL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5001	OVERHEAD POWER	\$ 12,750	\$ -	\$ -	\$ -	\$ 12,750	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2065-5200	TUBING HEAD/XMAS TREE	\$ 21,000	\$ -	\$ -	\$ -	\$ 21,000	\$ -
2065-5300	SUBSURFACE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5400	PACKER AND SUBSURFACE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5500	SUBSURFACE PUMP, RODS, AND ACCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5600	PUMPING & LIFTING EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5900	HEALTH, SAFETY, AND ENVIRONMENTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5901	LINER HANGER/CASING ACCESSORY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5902	PACKERS/OTHER DOWNHOLE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5903	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE COMPLETION SUBTOTAL		\$ 163,750	\$ -	\$ -	\$ -	\$ 163,750	\$ -
COMPLETION TOTAL		\$ 1,595,000	\$ -	\$ -	\$ -	\$ 1,595,000	\$ -

INTANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		\$ 8ths	Net	\$ 8ths	Net	\$ 8ths	Net
2056-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2002	FACILITY PAD CONSTRUCTION	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2056-2006	MISC INTANGIBLE FACILITY COSTS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2008	CONTRACT LABOR - AUTOMATION	\$ 6,500	\$ -	\$ -	\$ -	\$ 6,500	\$ -
2056-2009	EQUIPMENT RENTALS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2010	FREIGHT & HANDLING	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2012	CONTRACT LABOR - ELECTRICAL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2056-2013	FACILITY CONSTRUCTION LABOR	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000	\$ -
2056-2014	PIPELINE LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2016	LOCATION/DAMAGES/ROW-LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2017	TITLE WORK/LANDMAN SERVICES - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2019	NON OPERATED CHARGES - IFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE FACILITY SUBTOTAL		\$ 106,500	\$ -	\$ -	\$ -	\$ 106,500	\$ -

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		\$ 8ths	Net	\$ 8ths	Net	\$ 8ths	Net
2066-1200	VESSELS	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000	\$ -
2066-1300	COMPRESSORS/COMPRESSOR PACKAGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-1500	ELECTRICAL - OVERHEAD & TRANSFORMERS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-1600	LACT	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2066-1700	AUTOMATION METERS, SENSORS, VALVES, & SCREENS	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2066-1900	LEASE AND FLOW LINES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2000	CATHODIC PRCT-SOLAR PWD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2003	MISC FITTINGS & SUPPLIES	\$ 22,500	\$ -	\$ -	\$ -	\$ 22,500	\$ -
2066-2004	PUMPS & PUMP SUPPLIES	\$ 6,000	\$ -	\$ -	\$ -	\$ 6,000	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2066-2015	CONTAINMENT	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-2017	SWD WELLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2018	NON OPERATED CHARGES - TFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2019	PIPING	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-2020	ELECTRICAL - FACILITY	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000	\$ -
TANGIBLE FACILITY SUBTOTAL		\$ 293,500	\$ -	\$ -	\$ -	\$ 293,500	\$ -
FACILITY TOTAL		\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -

HALBERD 27 STATE COM 50H TOTAL WELL ESTIMATE		Original		Supplement		Total	
		\$ 8ths	Net	\$ 8ths	Net	\$ 8ths	Net
DRILLING TOTAL		\$ 1,290,000	\$ -	\$ -	\$ -	\$ 1,290,000	\$ -
COMPLETION TOTAL		\$ 1,485,000	\$ -	\$ -	\$ -	\$ 1,485,000	\$ -
FACILITY TOTAL		\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -
TOTAL WELL COST		\$ 3,375,000	\$ -	\$ -	\$ -	\$ 3,375,000	\$ -

Partner Approval

Signed

Company

Name

Date

Title



Authority for Expenditure
Drill, Complete, & Equip



Operator : <u>Spur Energy Partners LLC</u>	AFE #: <u>C21148</u>
Well Name : <u>HALBERD 27 STATE COM 51H</u>	
Location : <u>NEW MEXICO / EDDY</u>	
Project : Description	

INTANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		8.8ths	Net	8.8ths	Net	8.8ths	Net
2050-1000	LOCATION - OPS	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 47,000	\$ -	\$ -	\$ -	\$ 47,000	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 56,500	\$ -	\$ -	\$ -	\$ 56,500	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 24,800	\$ -	\$ -	\$ -	\$ 24,800	\$ -
2050-1900	GROUND TRANSPORT	\$ 18,000	\$ -	\$ -	\$ -	\$ 18,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURNKEY)	\$ 164,000	\$ -	\$ -	\$ -	\$ 164,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 90,200	\$ -	\$ -	\$ -	\$ 90,200	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 200	\$ -	\$ -	\$ -	\$ 200	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 62,500	\$ -	\$ -	\$ -	\$ 62,500	\$ -
2050-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3400	DESIGN & ENGINEERING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3600	COMPANY LABOR	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-3800	NON OPERATED CHARGES - IDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3900	FUEL, WATER & LUBE	\$ 64,000	\$ -	\$ -	\$ -	\$ 64,000	\$ -
2050-4000	CEMENT	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 9,600	\$ -	\$ -	\$ -	\$ 9,600	\$ -
2050-8001	MOB/DEMOB RIG	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2050-8003	VACUUM TRUCKING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 78,200	\$ -	\$ -	\$ -	\$ 78,200	\$ -
INTANGIBLE DRILLING SUBTOTAL		\$ 965,000	\$ -	\$ -	\$ -	\$ 965,000	\$ -

TANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		8.8ths	Net	8.8ths	Net	8.8ths	Net
2051-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3800	NON OPERATED CHARGES - TDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5100	SURFACE CASING	\$ 74,000	\$ -	\$ -	\$ -	\$ 74,000	\$ -
2051-5200	INTERMEDIATE CASING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 305,000	\$ -	\$ -	\$ -	\$ 305,000	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 6,000	\$ -	\$ -	\$ -	\$ 6,000	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE DRILLING SUBTOTAL		\$ 425,000	\$ -	\$ -	\$ -	\$ 425,000	\$ -
DRILLING TOTAL		\$ 1,390,000	\$ -	\$ -	\$ -	\$ 1,390,000	\$ -

INTANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		8.8ths	Net	8.8ths	Net	8.8ths	Net
2055-1000	LOCATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1001	TITLE WORK AND OPINIONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1002	OUTSIDE LEGAL SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1300	EQUIP RENT	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 255,000	\$ -	\$ -	\$ -	\$ 255,000	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 141,000	\$ -	\$ -	\$ -	\$ 141,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000	\$ -
2055-2300	FRAC PLUGS	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 12,000	\$ -	\$ -	\$ -	\$ 12,000	\$ -
2055-2403	FLOWBACK	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 373,750	\$ -	\$ -	\$ -	\$ 373,750	\$ -
2055-3400	PROPPANT	\$ 158,000	\$ -	\$ -	\$ -	\$ 158,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 130,000	\$ -	\$ -	\$ -	\$ 130,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING, SNUBBING, NITRO SVC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 16,500	\$ -	\$ -	\$ -	\$ 16,500	\$ -
2055-8006	CONTRACT LABOR - ELECTRICAL/AUTOMATION	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-8007	CONTRACT LABOR - WELL LEVEL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-8008	CONTRACT LABOR - FRAC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE COMPLETION SUBTOTAL		\$ 1,431,250	\$ -	\$ -	\$ -	\$ 1,431,250	\$ -

TANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2065-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3800	NON OPERATED CHARGES - TCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-4102	WATER SUPPLY WELL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5001	OVERHEAD POWER	\$ 12,750	\$ -	\$ -	\$ -	\$ 12,750	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2065-5200	TUBING HEAD/XMAS TREE	\$ 21,000	\$ -	\$ -	\$ -	\$ 21,000	\$ -
2065-5300	SUBSURFACE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5400	PACKER AND SUBSURFACE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5500	SUBSURFACE PUMP, RODS, AND ACCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5600	PUMPING & LIFTING EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5900	HEALTH, SAFETY, AND ENVIRONMENTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5901	LINER HANGER/CASING ACCESSORY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5902	PACKERS/OTHER DOWNHOLE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5903	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE COMPLETION SUBTOTAL		\$ 163,750	\$ -	\$ -	\$ -	\$ 163,750	\$ -
COMPLETION TOTAL		\$ 1,595,000	\$ -	\$ -	\$ -	\$ 1,595,000	\$ -

INTANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2056-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2002	FACILITY PAD CONSTRUCTION	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2056-2006	MISC INTANGIBLE FACILITY COSTS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2008	CONTRACT LABOR - AUTOMATION	\$ 6,500	\$ -	\$ -	\$ -	\$ 6,500	\$ -
2056-2009	EQUIPMENT RENTALS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2010	FREIGHT & HANDLING	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2012	CONTRACT LABOR - ELECTRICAL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2056-2013	FACILITY CONSTRUCTION LABOR	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000	\$ -
2056-2014	PIPELINE LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2016	LOCATION/DAMAGES/ROW-LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2017	TITLE WORK/LANDMAN SERVICES - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2019	NON OPERATED CHARGES - IFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE FACILITY SUBTOTAL		\$ 106,500	\$ -	\$ -	\$ -	\$ 106,500	\$ -

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2066-1200	VESSELS	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000	\$ -
2066-1300	COMPRESSORS/COMPRESSOR PACKAGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-1500	ELECTRICAL - OVERHEAD & TRANSFORMERS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-1600	LACT	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2066-1700	AUTOMATION METERS, SENSORS, VALVES, & SCREENS	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2066-1900	LEASE AND FLOW LINES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2000	CATHODIC PRCT-SOLAR PWD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2003	MISC FITTINGS & SUPPLIES	\$ 22,500	\$ -	\$ -	\$ -	\$ 22,500	\$ -
2066-2004	PUMPS & PUMP SUPPLIES	\$ 6,000	\$ -	\$ -	\$ -	\$ 6,000	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2066-2015	CONTAINMENT	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-2017	SWD WELLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2018	NON OPERATED CHARGES - TFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2019	PIPING	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-2020	ELECTRICAL - FACILITY	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000	\$ -
TANGIBLE FACILITY SUBTOTAL		\$ 293,500	\$ -	\$ -	\$ -	\$ 293,500	\$ -
FACILITY TOTAL		\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -

HALBERD 27 STATE COM 51H TOTAL WELL ESTIMATE	Original		Supplement		Total	
	8/8ths	Net	8/8ths	Net	8/8ths	Net
DRILLING TOTAL	\$ 1,390,000	\$ -	\$ -	\$ -	\$ 1,390,000	\$ -
COMPLETION TOTAL	\$ 1,685,000	\$ -	\$ -	\$ -	\$ 1,685,000	\$ -
FACILITY TOTAL	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -
TOTAL WELL COST	\$ 3,375,000	\$ -	\$ -	\$ -	\$ 3,375,000	\$ -

Partner Approval

Signed _____

Company _____

Name _____

Date _____

Title _____



Authority for Expenditure
Drill, Complete, & Equip



Operator : Spur Energy Partners LLC	AFE # : C21150
Well Name : HALBERD 27 STATE COM 71H	
Location : NEW MEXICO / EDDY	
Project : Description :	

INTANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2050-1000	LOCATION - OPS	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 47,000	\$ -	\$ -	\$ -	\$ 47,000	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 56,500	\$ -	\$ -	\$ -	\$ 56,500	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 24,800	\$ -	\$ -	\$ -	\$ 24,800	\$ -
2050-1900	GROUND TRANSPORT	\$ 18,000	\$ -	\$ -	\$ -	\$ 18,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURNKEY)	\$ 164,000	\$ -	\$ -	\$ -	\$ 164,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 90,200	\$ -	\$ -	\$ -	\$ 90,200	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 200	\$ -	\$ -	\$ -	\$ 200	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 62,500	\$ -	\$ -	\$ -	\$ 62,500	\$ -
2050-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3400	DESIGN & ENGINEERING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3600	COMPANY LABOR	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-3800	NON OPERATED CHARGES - IDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3900	FUEL, WATER & LUBE	\$ 64,000	\$ -	\$ -	\$ -	\$ 64,000	\$ -
2050-4000	CEMENT	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 9,600	\$ -	\$ -	\$ -	\$ 9,600	\$ -
2050-8001	MOB/DEMOB RIG	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2050-8003	VACUUM TRUCKING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 78,200	\$ -	\$ -	\$ -	\$ 78,200	\$ -
INTANGIBLE DRILLING SUBTOTAL		\$ 965,000	\$ -	\$ -	\$ -	\$ 965,000	\$ -

TANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2051-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3800	NON OPERATED CHARGES - TDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5100	SURFACE CASING	\$ 74,000	\$ -	\$ -	\$ -	\$ 74,000	\$ -
2051-5200	INTERMEDIATE CASING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 305,000	\$ -	\$ -	\$ -	\$ 305,000	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 6,000	\$ -	\$ -	\$ -	\$ 6,000	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE DRILLING SUBTOTAL		\$ 425,000	\$ -	\$ -	\$ -	\$ 425,000	\$ -
DRILLING TOTAL		\$ 1,390,000	\$ -	\$ -	\$ -	\$ 1,390,000	\$ -

INTANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2055-1000	LOCATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1001	TITLE WORK AND OPINIONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1002	OUTSIDE LEGAL SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1300	EQUIP RENT	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 255,000	\$ -	\$ -	\$ -	\$ 255,000	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 141,000	\$ -	\$ -	\$ -	\$ 141,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000	\$ -
2055-2300	FRAC PLUGS	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 12,000	\$ -	\$ -	\$ -	\$ 12,000	\$ -
2055-2403	FLOWBACK	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 373,750	\$ -	\$ -	\$ -	\$ 373,750	\$ -
2055-3400	PROPPANT	\$ 158,000	\$ -	\$ -	\$ -	\$ 158,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 130,000	\$ -	\$ -	\$ -	\$ 130,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING, SNUBBING, NITRO SVC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 16,500	\$ -	\$ -	\$ -	\$ 16,500	\$ -
2055-8006	CONTRACT LABOR - ELECTRICAL/AUTOMATION	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-8007	CONTRACT LABOR - WELL LEVEL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-8008	CONTRACT LABOR - FRAC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE COMPLETION SUBTOTAL		\$ 1,431,250	\$ -	\$ -	\$ -	\$ 1,431,250	\$ -

TANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		\$ 8ths	Net	\$ 8ths	Net	\$ 8ths	Net
2065-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3800	NON OPERATED CHARGES - TCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-4102	WATER SUPPLY WELL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5001	OVERHEAD POWER	\$ 12,750	\$ -	\$ -	\$ -	\$ 12,750	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2065-5200	TUBING HEAD/XMAS TREE	\$ 21,000	\$ -	\$ -	\$ -	\$ 21,000	\$ -
2065-5300	SUBSURFACE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5400	PACKER AND SUBSURFACE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5500	SUBSURFACE PUMP, RODS, AND ACCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5600	PUMPING & LIFTING EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5900	HEALTH, SAFETY, AND ENVIRONMENTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5901	LINER HANGER/CASING ACCESSORY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5902	PACKERS/OTHER DOWNHOLE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5903	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE COMPLETION SUBTOTAL		\$ 163,750	\$ -	\$ -	\$ -	\$ 163,750	\$ -
COMPLETION TOTAL		\$ 1,595,000	\$ -	\$ -	\$ -	\$ 1,595,000	\$ -

INTANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		\$ 8ths	Net	\$ 8ths	Net	\$ 8ths	Net
2056-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2002	FACILITY PAD CONSTRUCTION	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2056-2006	MISC INTANGIBLE FACILITY COSTS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2008	CONTRACT LABOR - AUTOMATION	\$ 6,500	\$ -	\$ -	\$ -	\$ 6,500	\$ -
2056-2009	EQUIPMENT RENTALS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2010	FREIGHT & HANDLING	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2012	CONTRACT LABOR - ELECTRICAL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2056-2013	FACILITY CONSTRUCTION LABOR	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000	\$ -
2056-2014	PIPELINE LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2016	LOCATION/DAMAGES/ROW-LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2017	TITLE WORK/LANDMAN SERVICES - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2019	NON OPERATED CHARGES - IFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE FACILITY SUBTOTAL		\$ 106,500	\$ -	\$ -	\$ -	\$ 106,500	\$ -

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		\$ 8ths	Net	\$ 8ths	Net	\$ 8ths	Net
2066-1200	VESSELS	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000	\$ -
2066-1300	COMPRESSORS/COMPRESSOR PACKAGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-1500	ELECTRICAL - OVERHEAD & TRANSFORMERS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-1600	LACT	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2066-1700	AUTOMATION METERS, SENSORS, VALVES, & SCREENS	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2066-1900	LEASE AND FLOW LINES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2000	CATHODIC PRCT-SOLAR PWD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2003	MISC FITTINGS & SUPPLIES	\$ 22,500	\$ -	\$ -	\$ -	\$ 22,500	\$ -
2066-2004	PUMPS & PUMP SUPPLIES	\$ 6,000	\$ -	\$ -	\$ -	\$ 6,000	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2066-2015	CONTAINMENT	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-2017	SWD WELLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2018	NON OPERATED CHARGES - TFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2019	PIPING	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-2020	ELECTRICAL - FACILITY	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000	\$ -
TANGIBLE FACILITY SUBTOTAL		\$ 293,500	\$ -	\$ -	\$ -	\$ 293,500	\$ -
FACILITY TOTAL		\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -

HALBERD 27 STATE COM 71H TOTAL WELL ESTIMATE	Original		Supplement		Total	
	\$ 8ths	Net	\$ 8ths	Net	\$ 8ths	Net
DRILLING TOTAL	\$ 1,390,000	\$ -	\$ -	\$ -	\$ 1,390,000	\$ -
COMPLETION TOTAL	\$ 1,585,000	\$ -	\$ -	\$ -	\$ 1,585,000	\$ -
FACILITY TOTAL	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -
TOTAL WELL COST	\$ 3,375,000	\$ -	\$ -	\$ -	\$ 3,375,000	\$ -

Partner Approval

Signed _____

Company _____

Name _____

Date _____

Title _____

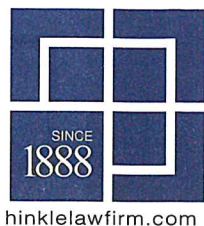
Halberd 27 State Com 50H, 51H, 71H – Chronology Efforts

11.12.21	Well Proposals to Occidental Petroleum Corporation Well Proposals to Oxy USA WTP, LP Well Proposals to EOG Resources, Inc. Well Proposals to WPX Energy Permian, LLC Well Proposals to Vladin, LLC Well Proposals to Sharbro Energy, LLC Well Proposals to Spiral, Inc. Well Proposals to Yates Energy Corporation Well Proposals to Jalapeno Corporation
11.15.21 – 11.18.21	Parties Received Well Proposals
12.15.21	Received Elections for the 50H, 51H, 71H from Sharbro Energy, LLC to NOT participate
1.6.22	Received Elections for the 50H, 51H, 71H from Spiral, Inc. to participate
1.6.22	Mailed out JOA to Spiral, Inc.
1.10.22	Received Elections for the 50H, 51H, 71H from Vladin, LLC to participate
1.11.22	Spiral, Inc. receives JOA
1.14.22	Mailed out Notice of Updated Calls to parties
1.18.22	Sent out JOA to Vladin, LLC
1.19.22-present	Anticipating executed JOAs from remaining parties (Vladin, LLC and Spiral, Inc.)

SPUR ENERGY

Case No. 22532

Exhibit A-5



HINKLE SHANOR LLP

ATTORNEYS AT LAW

PO BOX 2068

SANTA FE, NEW MEXICO 87504

505-982-4554 (FAX) 505-982-8623

WRITER:

Dana S. Hardy, Partner
dhardy@hinklelawfirm.com

January 7, 2022

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Case No. 22532
Application of Spur Energy Partners, LLC for compulsory pooling, Eddy County, New Mexico.

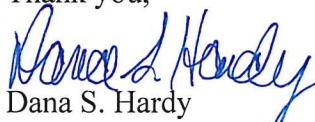
To whom it may concern:

This letter is to advise you that Spur Energy Partners, LLC filed the enclosed application with the New Mexico Oil Conservation Division. The hearing will be conducted on **February 3, 2022** beginning at 8:15 a.m.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/oed/hearing-info/>. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date. The statement must be filed at the Division's Santa Fe office or submitted through the OCD E-Permitting system (<https://wwwapps.emnrd.state.nm.us/oed/oedpermitting/>) and should include: the names of the parties and their attorneys, a concise statement of the case, the names of all witnesses the party will call to testify at the hearing, the approximate time the party will need to present its case, and identification of any procedural matters that are to be resolved prior to the hearing. Please do not hesitate to contact me if you have any questions about this matter.

Thank you,


Dana S. Hardy

Enclosure

SPUR ENERGY

Case No. 22532

Exhibit A-6

PO BOX 10
ROSWELL, NEW MEXICO 88202
575-622-6510
(FAX) 575-623-9332

PO BOX 2068
SANTA FE, NEW MEXICO 87504
505-982-4554
(FAX) 505-982-8623

7601 JEFFERSON ST NE • SUITE 180
ALBUQUERQUE, NEW MEXICO 87109
505-858-8320
(FAX) 505-858-8321

7021 0350 0001 3336 9856

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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	\$
Sent To	
Street and	EOG Resources, Inc. Attn: Terry Gant 104 S. 4 th Street City, State
City, State	Artesia, NM 88210
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	


SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY																
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> <i>Terry Gant</i> <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>																
<p>1. Article Addressed to:</p> <p>EOG Resources, Inc. Attn: Terry Gant 104 S. 4th Street Artesia, NM 88210</p>	<p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Insured Mail</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</td> <td></td> </tr> </table>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Collect on Delivery Restricted Delivery		<input type="checkbox"/> Insured Mail		<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®																
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™																
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery																
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™																
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery																
<input type="checkbox"/> Collect on Delivery Restricted Delivery																	
<input type="checkbox"/> Insured Mail																	
<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)																	
<p>2. Article Number (Transfer from service label)</p> <p>7021 0350 0001 3336 9856</p>																	
PS Form 3811, July 2020 PSN 7530-02-000-9053																	

Domestic Return Receipt

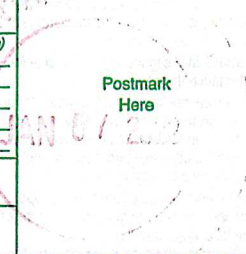
7021 0350 0001 3336 9894

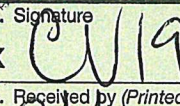
U.S. Postal Service CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee	
\$	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	
\$	
Total Postage and Fees	
\$	
Sent To	
Jalapeno Corporation	
P.O. Box 1608	
Albuquerque, NM 87103	
City, State, .	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

Postmark
Here
JAN 10 2022

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature  <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Julie A. Pasca</p> <p>C. Date of Delivery JAN 10 2022</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>Jalapeno Corporation P.O. Box 1608 Albuquerque, NM 87103</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery</p> <p><input checked="" type="checkbox"/> Certified Mail®</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p> <p><input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>7021 0350 0001 3336 9894</p>	<p>ALBUQUERQUE NM 87103</p>
<p>9590 9402 6746 1074 2524 20</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>

7021 0350 0001 3336 9887

U.S. Postal Service CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee \$	<div>Postmark Here</div> 
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To Occidental Petroleum Corporation Attn: Alissa Payne 5 Greenway Plaza, Ste. 110 Houston, TX 77046	
Street and A City, State, Z	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature X  <input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: Occidental Petroleum Corporation Attn: Alissa Payne 5 Greenway Plaza, Ste. 110 Houston, TX 77046	B. Received by (Printed Name) CM C. Date of Delivery 1/13/22
2. Article Number (Transfer from label) 7021 0350 0001 3336 9887	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No
9590 9402 6746 1074 2524 37	3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)
	<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

7021 0350 0001 3336 9870

U.S. Postal Service CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee	
\$	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	
\$	
Total Postage and Fees	
\$	
Sent To	
Oxy USA WTP LP	
Attn: Alissa Payne	
5 Greenway Plaza, Ste. 110	
Houston, TX 77046	
City, State,	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

Postmark
Here

JAN 07 2022

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature</p> <p>X <u>CU19</u> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>CU</u> C. Date of Delivery <u>1/13/22</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p>
<p>1. Article Addressed to:</p> <p>Oxy USA WTP LP Attn: Alissa Payne 5 Greenway Plaza, Ste. 110 Houston, TX 77046</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p>7021 0350 0001 3336 9870</p>	

PS Form 3811, July 2020 PSN 7530-02-000-9053

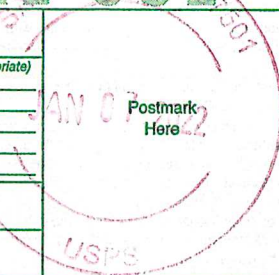
Domestic Return Receipt

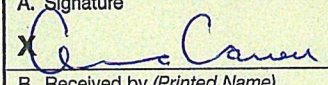
7021 0350 0001 3336 9863

U.S. Postal Service CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee	
\$	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	
\$	
Total Postage and Fees	
\$	
Sent To	Sharbro Energy, LLC
Street and Apt.	P.O. Box 840
	Artesia, NM 88211
City, State, Z.	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

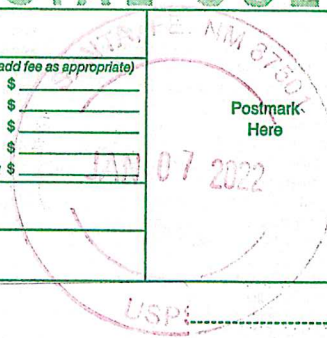
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>[Signature]</i></p> <p>C. Date of Delivery 1-20-22</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>Sharbro Energy, LLC P.O. Box 840 Artesia, NM 88211</p>	
<p>2. Article Number (Transfer from service label)</p> <p>7021 0350 0001 3336 9863</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>9590 9402 6746 1074 2524 51</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>


7021 0350 0001 3336 9849

U.S. Postal Service CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee	
\$	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$ <input type="checkbox"/> Return Receipt (electronic) \$ <input type="checkbox"/> Certified Mail Restricted Delivery \$ <input type="checkbox"/> Adult Signature Required \$ <input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage	
Total Postage and Fees	
Sent To Spiral, Inc. P.O. Box 1933 Roswell, NM 88202	
Street and A City, State, Z	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature  <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: Spiral, Inc. P.O. Box 1933 Roswell, NM 88202	B. Received by (Printed Name) Anna Carney
	C. Date of Delivery 1/10/22
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
2. Article Number (Transfer from service label) 7021 0350 0001 3336 9849	3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)
	<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

7021 0350 0001 3336 9832

U.S. Postal Service CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee \$	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To Vladin, LLC P.O. Box 100 Artesia, NM 88211	
Street and A City, State, Z	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature <input checked="" type="checkbox"/>  <input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: Vladin, LLC P.O. Box 100 Artesia, NM 88211	B. Received by (Printed Name) Dorotea Rivera
	C. Date of Delivery 1-10-22
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
2. Article Number (Transfer from service label) 7021 0350 0001 3336 9832	3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)
	<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

7021 0350 0001 3336 9825

U.S. Postal Service CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee	\$
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	\$
Sent To	
Street and A	WPX Energy Permian LLC Attn: Tanner Tepe 333 W. Sheridan Avenue Oklahoma City, OK 73102
City, State, ZIP+4®	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature X <i>D Luper</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>D Luper</i> C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>WPX Energy Permian LLC Attn: Tanner Tepe 333 W. Sheridan Avenue Oklahoma City, OK 73102</p> <p>9590 9402 6746 1074 2524 99</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p>7021 0350 0001 3336 9825</p>	<p>Domestic Return Receipt</p>

7021 0350 0001 3336 9818

U.S. Postal Service CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®	
OFFICIAL USE	
Certified Mail Fee	
\$	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	
\$	
Total Postage and Fees	
\$	
Sent To	Yates Energy Corporation
Street and Apt.	P.O. Box 2323
	Roswell, NNM 88201
City, State, Z	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>X <i>[Signature]</i></p> <p>B. Received by (Printed Name) <i>[Signature]</i> Date of Delivery</p> <p>D. Is delivery address different from item 1? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p>
<p>1. Article Addressed to:</p> <p>Yates Energy Corporation P.O. Box 2323 Roswell, NNM 88201</p>	<p>11 2022 88201</p>
<p>2. Article Number (Transfer from service label)</p> <p>7021 0350 0001 3336 9818</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature</p> <p><input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery</p> <p><input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input checked="" type="checkbox"/> Certified Mail®</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery</p> <p><input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery</p> <p><input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt


Carlsbad Current Argus.
PART OF THE USA TODAY NETWORK**Affidavit of Publication**

Ad # 0005085484

This is not an invoice**HINKLE SHANOR LLP**
218 MONTEZUMA**SANTA FE, NM 87501**

I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof in editions dated as follows:

01/14/2022

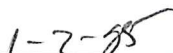


Legal Clerk

Subscribed and sworn before me this January 14,
2022:



State of WI, County of Brown
NOTARY PUBLIC



My commission expires

Ad # 0005085484
PO #: 22532
of Affidavits 1

This is not an invoice

KATHLEEN ALLEN
Notary Public
State of Wisconsin

SPUR ENERGY

Case No. 22532

Exhibit A-7

This is to notify all interested parties, including EOG Resources, Inc.; Jalapeno Corporation; Occidental Petroleum Corporation; Oxy USA WTP LP; Sharbro Energy, LLC; Spiral Inc.; Vadin, LLC; WPX Energy Permian LLC; Yates Energy Corporation; and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by Spur Energy Partners, LLC (Case No. 22532). During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on February 3, 2022, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the docket for that date: <http://www.emnrd.state.nm.us/OC/D/hearings.html>. Applicant seeks to pool all uncommitted mineral interests from a depth of approximately 4,000' MD to the base of the Yeso formation in a 320-acre, more or less, standard horizontal spacing unit comprised of the N/2S/2 and S/2N/2 of Section 27, Township 17 South, Range 28 East in Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the following wells ("Wells"): Halberd 27 State Com 50H to be horizontally drilled from a surface location in the SW/4NW/4 (Unit E) of Section 26 to a bottom hole location in the SW/4NW/4 (Unit E) of Section 27, Halberd 27 State Com 71H to be horizontally drilled from a surface location in the SW/4NW/4 (Unit E) of Section 26 to a bottom hole location in the NW/4SW/4 (Unit L) of Section 27, and Halberd 27 State Com 51H to be horizontally drilled from a surface location in the SW/4SW/4 (Unit M) of Section 26 to a bottom hole location in the NW/4SW/4 (Unit L) of Section 27. The completed interval of the Halberd 27 State Com 71H will be within 330' of the interior Unit line separating the N/2S/2 and the S/2N/2 of Section 27 to allow for the creation of a standard 320-acre horizontal spacing unit. The completed interval of the Halberd 27 State Com 50H and the Halberd 27 State Com 51H will be unorthodox. The completed interval of the Halberd 27 State Com 71H will be orthodox. A depth severance exists in the Yeso formation within the proposed Unit. Accordingly, Spur seeks to pool all uncommitted interests from a depth of approximately 4,000' MD to the base of the Yeso formation (at a stratigraphic equivalent of approximately 5,682' MD as observed on the Gerónimo '27' State Com #1 Platform Express, Azimuthal Laterolog (API No. 30-015-31173). Also to be considered will be the cost of drilling.

ing and completing the Wells and the allocation of the cost, the designation of Spur Energy Partners, LLC as the operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 10 miles west of Loco Hills, New Mexico. #5085484, Current Argus, Jan. 14, 2022

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STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

APPLICATION OF SPUR ENERGY
PARTNERS, LLC FOR COMPULSORY
POOLING, EDDY COUNTY, NEW MEXICO

CASE NO. 22532

SELF-AFFIRMED STATEMENT
OF C.J. LIPINSKI

1. I am a geologist at Spur Energy Partners, LLC ("Spur") and am over 18 years of age. I have personal knowledge of the matters addressed herein and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division"), and my credentials as an expert in petroleum geology matters were accepted and made a matter of record.

2. I am familiar with the geological matters that pertain to the above-referenced case.

3. **Exhibit B-1** is a location map of the proposed horizontal spacing unit ("Unit") that shows the following proposed wells with black lines: **Halberd 27 State Com 50H, 51H and 71H** ("Wells"). This exhibit also identifies five wells penetrating the targeted interval that I used to construct a structural cross-section from A to A'. I used these well logs because they penetrate the targeted interval, are of good quality, and are representative of the geology in the area. Offset Glorieta/Yeso producers are shown with purple squares.

4. **Exhibit B-2** is a structure map of the top of the Glorieta formation, which also reflects the surrounding area in relation to the Unit. The contour interval is 25'. The Wells are depicted with black lines and I have identified the bottom hole locations. The map demonstrates the formation is dipping to the south-east in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

SPUR ENERGY

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Exhibit B

5. **Exhibit B-3** is a structural cross-section using the representative wells identified on **Exhibit B-1**. It contains gamma ray, resistivity and porosity logs. The landing zones for the Wells are labeled on the exhibit. The cross-section demonstrates the targeted intervals within the Yeso formation are continuous across the Unit.

6. **Exhibit B-4** is a Gun Barrel view from B to B' of Spur's intended development of the Yeso formation. This exhibit also illustrates the depth severance with a red dotted line at approximately 4,000' TVD.

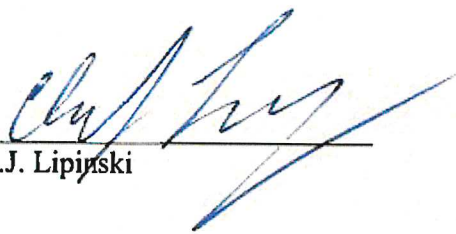
7. In my opinion, a laydown orientation for the Wells is appropriate for the proper exploitation of subject acreage because of consistent rock properties throughout the Unit and the lack of preferred fracture orientation in this portion of the trend.

8. Based on my geologic study of the area, the targeted intervals within the Yeso formation underlying the subject areas and Unit is suitable for development by horizontal wells and the tracts comprising the Unit will contribute more or less equally to the production of the Wells.

9. In my opinion, the granting of Spur's applications will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

10. Spur Exhibits B-1 through B-4 attached hereto were either prepared by me or under my supervision or were compiled from company business records.

11. I understand this Self-Affirmed Statement will be used as written testimony in these cases. I affirm my testimony in paragraphs 1 through 10 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date identified next to my signature below.


C.J. Lipijski

1/18/22
Date

Exhibit B-1: Halberd Basemap (Case No. 22532)

SPUR ENERGY
Case No. 22532
Exhibit B-1

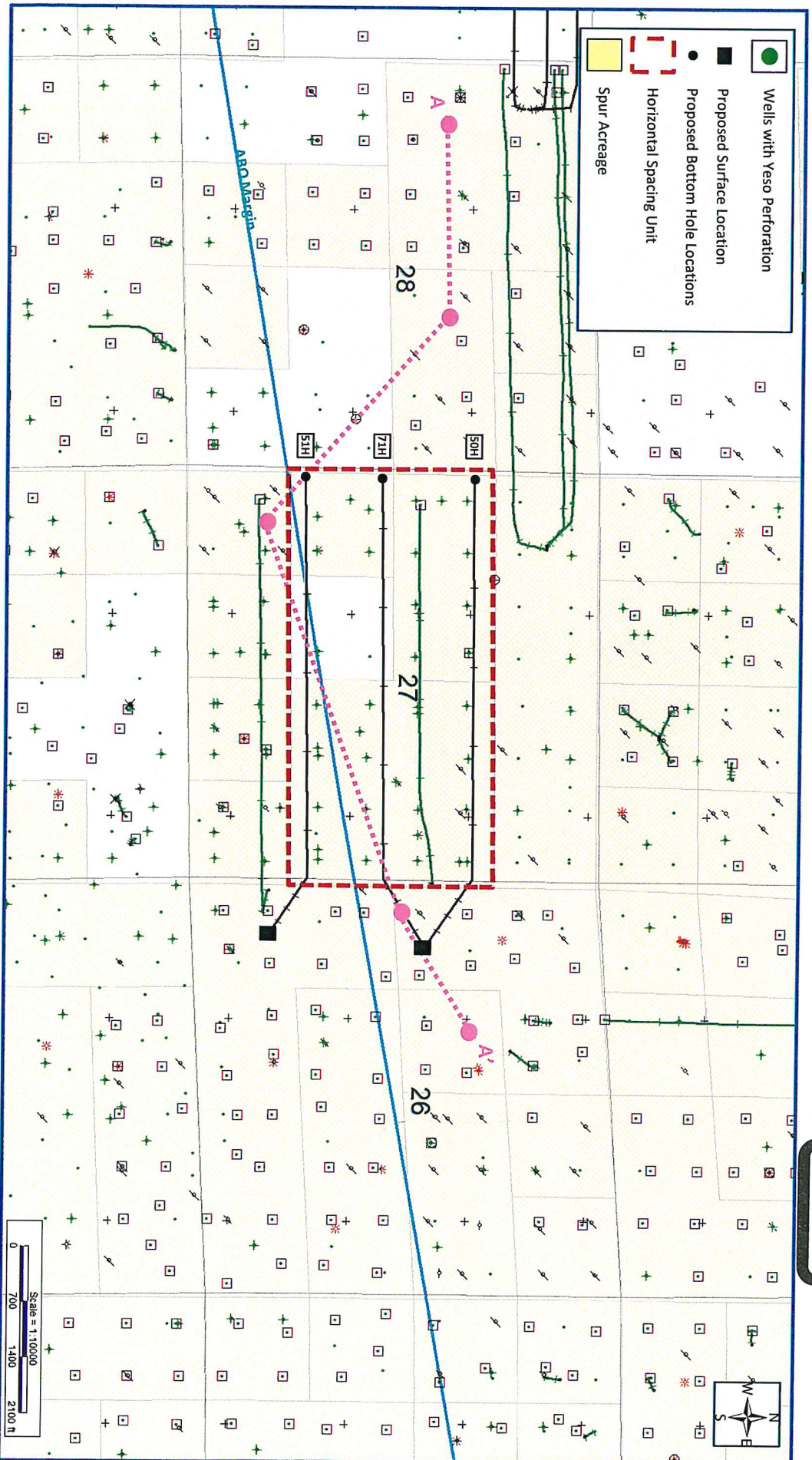


Exhibit B-2: Structure Map (SSTVD) - Top Glorieta (Case No. 22532)

SPUR ENERGY
Case No. 22532
Exhibit B-2

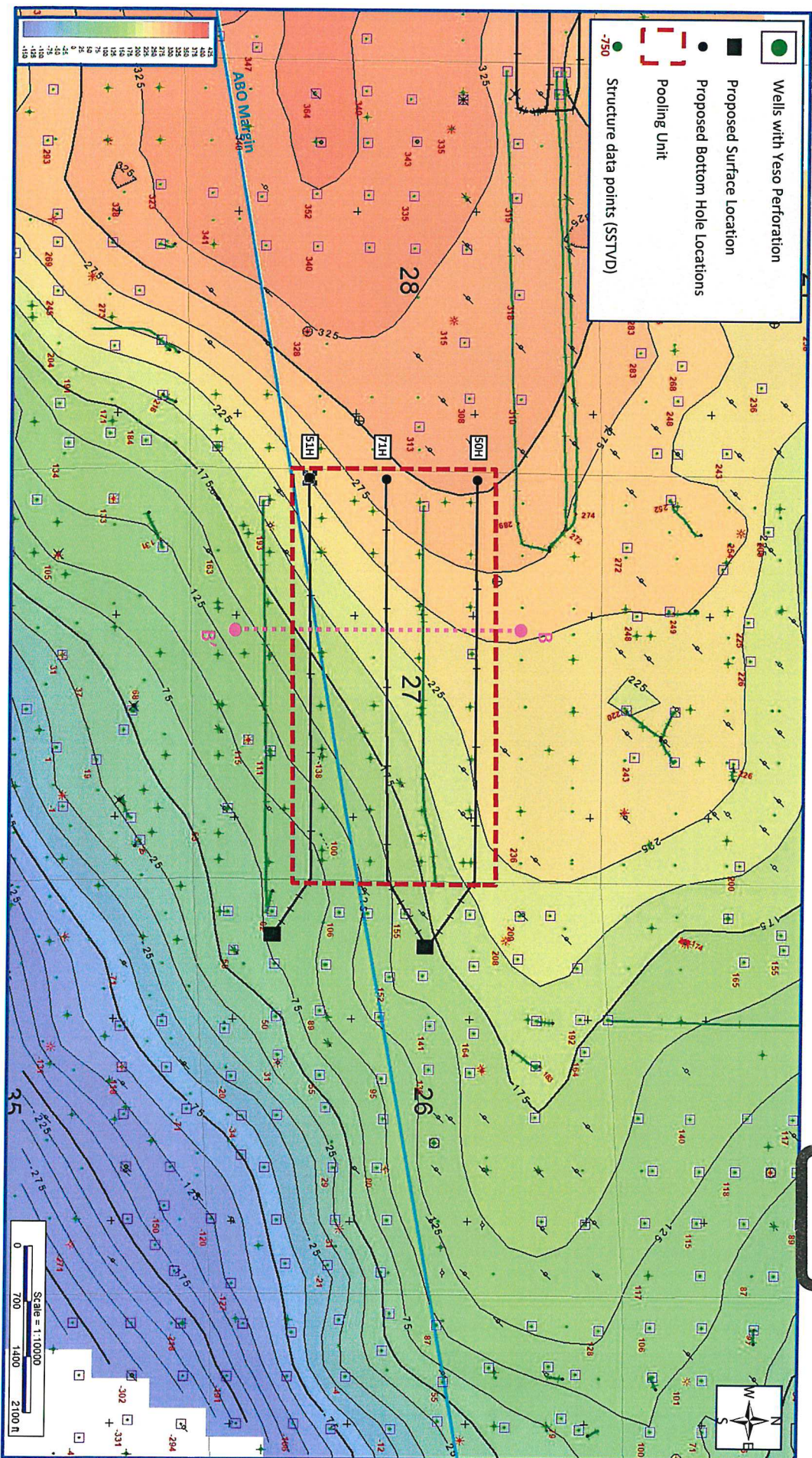


Exhibit B-3: Structural Cross Section (TVD)

(Case No. 22352)

SPUR ENERGY
Case No. 22352
Exhibit B-3

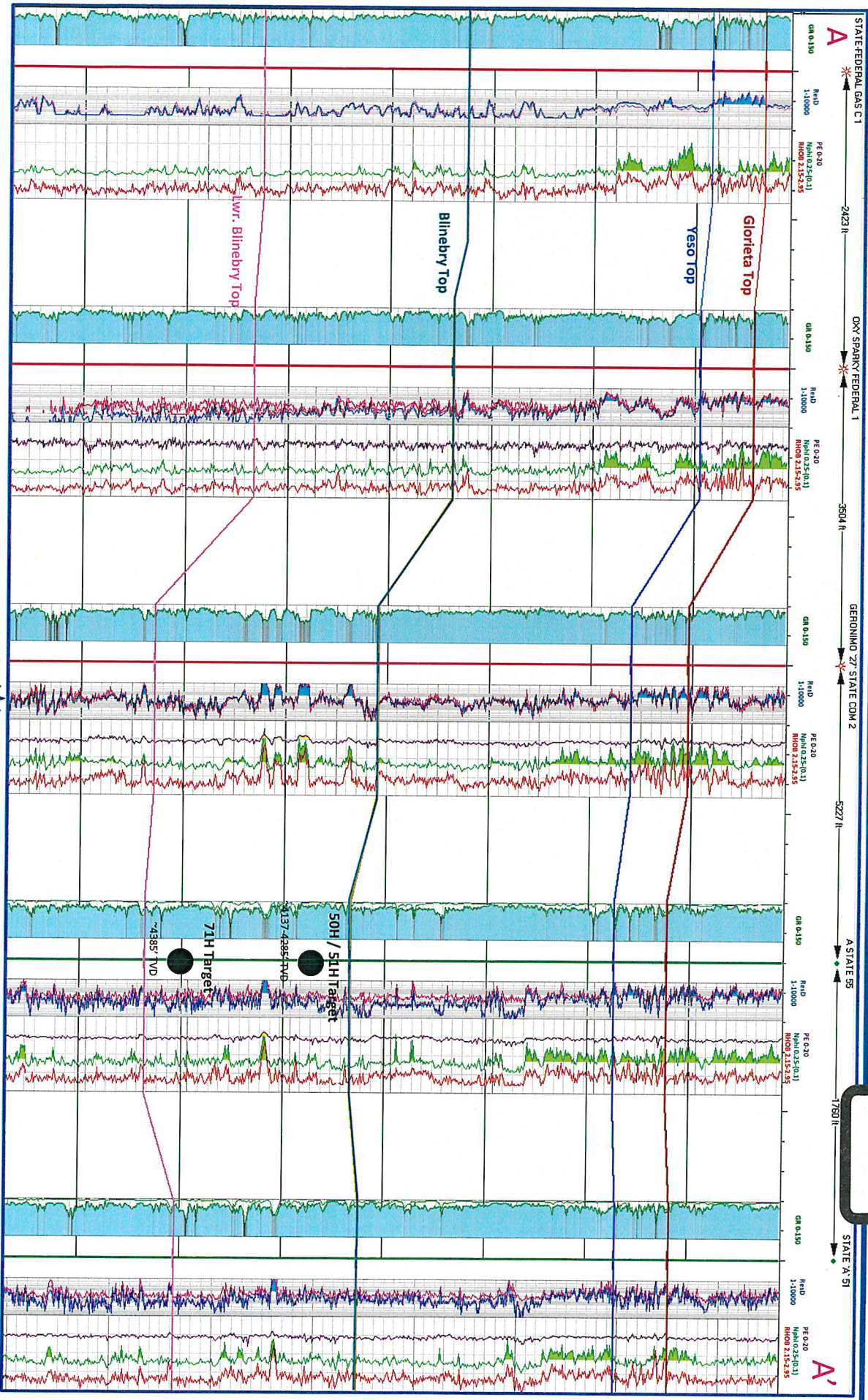


Exhibit B-4: Halberd Gun Barrel (TVD) (Case No. 22532)

SPUR ENERGY
Case No. 22532
Exhibit B-4

