

**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. 24121**

**EXHIBIT INDEX**

Compulsory Pooling Checklist

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A-2	C-102s
A-3	Plat of Tracts, Tract Ownership, Applicable Lease Numbers, Unit Recapitulation, Pooled Parties
A-4	Sample Well Proposal Letter & AFEs
A-5	Chronology of Contact
Exhibit B	Self-Affirmed Statement of Matthew Van Wie
B-1	Location Map
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B-5	Wellbore Location Map
Exhibit C	Self-Affirmed Statement of Dana S. Hardy
C-1	Sample Notice Letter to All Interested Parties
C-2	Chart of Notice to All Interested Parties
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C-4	Affidavit of Publication for January 14, 2024

**COMPULSORY POOLING APPLICATION CHECKLIST****ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

<b>Case: 24121</b>	<b>APPLICANT'S RESPONSE</b>
<b>Date: June 13, 2024</b>	
Applicant	<b>Spur Energy Partners, LLC</b>
Designated Operator & OGRID (affiliation if applicable)	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:	Silverback Operating II, LLC
Well Family	Live Oak
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Yeso Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Yeso Formation
Pool Name and Pool Code (Only if NSP is requested):	N. Seven Rivers; Glorieta Yeso (Code 97565)
Well Location Setback Rules (Only if NSP is Requested):	Statewide
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320
Building Blocks:	Quarter-Quarter
Orientation:	East to West
Description: TRS/County	SW/4 of Section 27 and the SE/4 of Section 28, Township 19 South, Range 25 East, Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	Yes, this is a proximity tract unit. The completed interval of the Live Oak 27-28 State Com 30H well will be located within 330' of the quarter-quarter section line separating the N/2 S/2 and S/2 S/2 of Sections 27 and 28 to allow for the creation of a 320-acre standard horizontal spacing unit.
Proximity Defining Well: if yes, description	Live Oak 27-28 State Com 30H
Applicant's Ownership in Each Tract	Exhibit A-3
<b>Well(s)</b>	
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	Live Oak 27-28 State Com 20H (API # 30-015-54767) SHL: 2087' FSL & 2250' FEL (Unit J), Section 27, T19S-R25E BHL: 1865' FSL & 2610' FEL (Unit J), Section 28, T19S-R25E Completion Target: Yeso formation (Approx. 2860' TVD)
Well #2	Live Oak 27-28 State Com 21H (API # 30-015-54925) SHL: 752' FSL & 2019' FEL (Unit O), Section 27, T19S-R25E BHL: 330' FSL & 2613' FEL (Unit O), Section 28, T19S-R25E Completion Target: Yeso formation (Approx. 2900' TVD)
Well #3	Live Oak 27-28 State Com 30H (API # 30-015-54768) SHL: 785' FSL & 1995' FEL (Unit O), Section 27, T19S-R25E BHL: 1105' FSL & 2562' FEL (Unit O), Section 28, T19S-R25E Completion Target: Yeso formation (Approx. 3060' TVD)
Well #4	Live Oak 27-28 State Com 50H (API # 30-015-54769) SHL: 2089' FSL & 2230' FEL (Unit J), Section 27, T19S-R25E BHL: 2230' FSL & 2609' FEL (Unit J), Section 28, T19S-R25E Completion Target: Yeso formation (Approx. 3260' TVD)
Well #5	Live Oak 27-28 State Com 70H (API # 30-015-54770) SHL: 769' FSL & 2007' FEL (Unit O), Section 27, T19S-R25E BHL: 740' FSL & 2613' FEL (Unit O), Section 28, T19S-R25E Completion Target: Yeso formation (Approx. 3775' TVD)
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$8,000
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit A-2
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibits C-1, C-2, C-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including lease numbers and owners)	Exhibit A-3
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit A-4
Released to Imaging: 6/6/2024 3:44:07 PM 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	Exhibit A-4
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
<b>Geology</b>	
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
<b>Forms, Figures and Tables</b>	
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-5
Structure Contour Map - Subsea Depth	Exhibit B-2
Cross Section Location Map (including wells)	Exhibit B-3
Cross Section (including Landing Zone)	Exhibit B-3
<b>Additional Information</b>	
Special Provisions/Stipulations	N/A
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	Dana S. Hardy
<b>Signed Name</b> (Attorney or Party Representative):	/s/ Dana S. Hardy
<b>Date:</b>	6/6/2024

**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. 24121**

**SELF-AFFIRMED STATEMENT  
OF SCOTT HARTMAN**

1. I am a Landman at Spur Energy Partners LLC (“Spur”). I am over 18 years of age, 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 land matters were accepted and made a matter of record.

2. I am familiar with the land matters involved in the above-referenced case. Copies of Spur’s 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 interests in the Yeso formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the SW/4 of Section 27 and the SE/4 of Section 28, Township 19 South, Range 25 East, Eddy County, New Mexico (“Unit”).

5. The Unit will be dedicated to the following wells (“Wells”), which will be completed in the N. Seven Rivers; Glorieta-Yeso Pool (Code 97565):

- a. **Live Oak 27-28 State Com 20H** and **Live Oak 27-28 State Com 50H** wells, to be drilled from surface hole locations in the NW/4 SE/4 (Unit J) of Section 27 to bottom hole locations in the NW/4 SE/4 (Unit J) of Section 28; and

**Spur Energy Partners, LLC  
Case No. 24121  
Exhibit A**

- b. **Live Oak 27-28 State Com 21H, Live Oak 27-28 State Com 30H, and Live Oak 27-28 State Com 70H** wells, to be drilled from surface hole locations in the SW/4 SE/4 (Unit O) of Section 27 to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 28.
6. The completed intervals of the Wells will be orthodox.
7. The completed interval of the Live Oak 27-28 State Com 30H well will be located within 330' of the quarter-quarter section line separating the N/2 S/2 and S/2 S/2 of Sections 27 and 28 to allow for the creation of a 320-acre standard horizontal spacing unit.
8. **Exhibit A-2** contains the C-102s for the Wells.
9. **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 highlighted in yellow.
10. The parties Spur seeks to pool are locatable in that Spur located last known addresses for them. Spur has conducted a diligent search of all county public records, including phone directories and computer databases, as well as internet searches, to locate the interest owners it seeks to pool.
11. **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 and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.
12. 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**.

13. 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 other operators in the vicinity.

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

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

16. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony 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.



\_\_\_\_\_  
Scott Hartman

5/28/2024  
\_\_\_\_\_  
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. 24121**

**APPLICATION**

Pursuant to NMSA § 70-2-17, Spur Energy Partners LLC (OGRID No. 328947) (“Applicant”) applies for an order pooling all uncommitted interests in the Yeso formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the SW/4 of Section 27 and the SE/4 of Section 28, Township 19 South, Range 25 East, Eddy County, New Mexico (“Unit”). In support of this application, Applicant states the following.

1. Applicant is a working interest owner in the Unit and has the right to drill wells thereon.
2. Applicant seeks to dedicate the Unit to the following proposed wells (“Wells”):
  - a. **Live Oak 27-28 State Com 20H** and **Live Oak 27-28 State Com 50H** wells, to be drilled from surface hole locations in the NW/4 SE/4 (Unit J) of Section 27 to bottom hole locations in the NW/4 SE/4 (Unit J) of Section 28; and
  - b. **Live Oak 27-28 State Com 21H**, **Live Oak 27-28 State Com 30H**, and **Live Oak 27-28 State Com 70H** wells, to be drilled from surface hole locations in the SW/4 SE/4 (Unit O) of Section 27 to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 28.
3. The completed intervals of the Wells will be orthodox.

**Spur Energy Partners, LLC  
Case No. 24121  
Exhibit A-1**



4. The completed interval of the Live Oak 27-28 State Com 30H well will be located within 330' of the quarter-quarter section line separating the N/2 S/2 and S/2 S/2 of Sections 27 and 28 to allow for the creation of a 320-acre standard horizontal spacing unit.

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

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

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

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on February 1, 2024, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the Wells in the Unit;
- C. Designating Applicant as operator of the Unit and the Wells to be drilled thereon;
- D. Authorizing Applicant 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 Applicant 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

Jaclyn M. McLean

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

Facsimile: (505) 98208623

dhardy@hinklelawfirm.com

jmclean@hinklelawfirm.com

*Counsel for Spur Energy Partners LLC*

**Application of Spur Energy Partners LLC for Compulsory Pooling, Eddy County, New Mexico.** Applicant seeks an order pooling all uncommitted interests in the Yeso formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the SW/4 of Section 27 and the SE/4 of Section 28, Township 19 South, Range 25 East, Eddy County, New Mexico (“Unit”). Applicant seeks to dedicate the Unit to the following proposed wells (“Wells”): the **Live Oak 27-28 State Com 20H** and **Live Oak 27-28 State Com 50H** wells, to be drilled from surface hole locations in the NW/4 SE/4 (Unit J) of Section 27 to bottom hole locations in the NW/4 SE/4 (Unit J) of Section 28; and **Live Oak 27-28 State Com 21H**, **Live Oak 27-28 State Com 30H**, and **Live Oak 27-28 State Com 70H** wells, to be drilled from surface hole locations in the SW/4 SE/4 (Unit O) of Section 27 to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 28. The completed intervals of the wells will be orthodox. The completed interval of the Live Oak 27-28 State Com 30H well will be located within 330’ of the quarter-quarter section line separating the N/2 S/2 and S/2 S/2 of Sections 27 and 28 to allow for the creation of a 320-acre standard horizontal spacing unit. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs, the designation of Applicant 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 14.78 miles South and 4.26 miles West of Artesia, 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

Case No. 24121

Exhibit A-2

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Table with 3 columns: 1 API Number (30-015), 2 Pool Code (97565), 3 Pool Name (N. SEVEN RIVERS; GLORIETA-YESO), 4 Property Code, 5 Property Name (LIVE OAK 27-28 STATE COM), 6 Well Number (21H), 7 OGRID NO. (328947), 8 Operator Name (SPUR ENERGY PARTNERS LLC.), 9 Elevation (3497')

10 Surface Location

Table with 10 columns: UL or lot no. (0), Section (27), Township (19S), Range (25E), Lot Idn, Feet from the (752), North/South line (SOUTH), Feet From the (2019), East/West line (EAST), County (EDDY)

11 Bottom Hole Location If Different From Surface

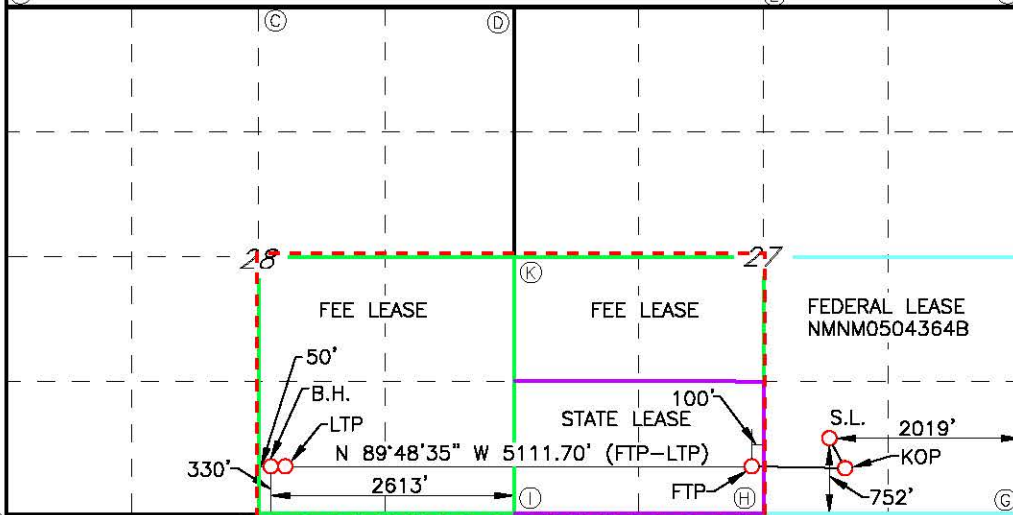
Table with 10 columns: UL or lot no. (0), Section (28), Township (19S), Range (25E), Lot Idn, Feet from the (330), North/South line (SOUTH), Feet from the (2613), East/West line (EAST), County (EDDY)

Table with 4 columns: 12 Dedicated Acres (320), 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.

16 GEODETIC DATA
NAD 83 GRID - NM EAST
SURFACE LOCATION (SL)
N: 591663.1 - E: 499076.2
LAT: 32.6264567° N
LONG: 104.4706069° W
BOTTOM HOLE (BH)
N: 591276.9 - E: 493226.6
LAT: 32.6253730° N
LONG: 104.4896056° W
CORNER DATA
NAD 83 GRID - NM EAST
A: FOUND 1/2" REBAR N: 590950.1 - E: 490511.8
B: 10'x8"x2.5" LIMESTONE ROCK N: 596289.2 - E: 490540.3
C: FOUND 1/2" REBAR N: 596283.3 - E: 493191.2
D: FOUND 1" PIPE N: 596277.3 - E: 495841.8
E: FOUND 1/2" REBAR N: 596183.6 - E: 498448.0
F: FOUND 1/2" REBAR N: 596091.2 - E: 501054.3
G: FOUND 1/2" REBAR N: 590847.7 - E: 501100.1
H: FOUND LIMESTONE ROCK N: 590929.4 - E: 498489.6
I: FOUND 1/2" REBAR N: 590944.6 - E: 495839.1
J: FOUND 1/2" REBAR N: 590947.0 - E: 493175.7
K: FOUND 60D N: 593638.2 - E: 495840.9

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: Sarah Chapman Date: 06/08/2023
Printed Name: SARAH CHAPMAN
E-mail Address: SCHAPMAN@SPURENERGY.COM



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.
Date of Survey: 02/28/2023
Signature and Seal of Professional Surveyor: DALE E. BELL
Certificate Number: 14400
REV: ADD KOP-05/18/2023

LS23020241R1

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  
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District IV  
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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

<sup>1</sup> API Number <b>30-015-</b>		<sup>2</sup> Pool Code <b>97565</b>		<sup>3</sup> Pool Name <b>N. SEVEN RIVERS; GLORIETA-YESO</b>	
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>LIVE OAK 27-28 STATE COM</b>			<sup>6</sup> Well Number <b>20H</b>
<sup>7</sup> OGRID NO. <b>328947</b>		<sup>8</sup> Operator Name <b>SPUR ENERGY PARTNERS LLC.</b>			<sup>9</sup> Elevation <b>3453'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
<b>J</b>	<b>27</b>	<b>19S</b>	<b>25E</b>		<b>2087</b>	<b>SOUTH</b>	<b>2250</b>	<b>EAST</b>	<b>EDDY</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>J</b>	<b>28</b>	<b>19S</b>	<b>25E</b>		<b>1865</b>	<b>SOUTH</b>	<b>2610</b>	<b>EAST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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: 593004.8 - E: 498833.8  
LAT: 32.6301439° N  
LONG: 104.4713998° W

KICK OFF POINT (KOP)  
3350' FNL & 1910' FEL - SEC 27  
N: 592806.4 - E: 499173.6  
LAT: 32.6295997° N  
LON: 104.4702952° W

FIRST TAKE POINT (FTP)  
1795' FSL & 2535' FWL - SEC 27  
N: 592724.5 - E: 498375.4  
LAT: 32.6293717° N  
LONG: 104.4728878° W

LAST TAKE POINT (LTP)  
1865' FSL & 2560' FEL - SEC 28  
N: 592811.5 - E: 493281.1  
LAT: 32.6295913° N  
LONG: 104.4894360° W

BOTTOM HOLE (BH)  
N: 592811.5 - E: 493231.1  
LAT: 32.6295912° N  
LONG: 104.4895984° W

CORNER DATA  
NAD 83 GRID - NM EAST

A: FOUND 1/2" REBAR N: 590950.1 - E: 490511.8	F: FOUND 1/2" REBAR N: 596091.2 - E: 501054.3
B: 10'x8"x2.5" LIMESTONE ROCK N: 596289.2 - E: 490540.3	G: FOUND 1/2" REBAR N: 590847.7 - E: 501100.1
C: FOUND 1/2" REBAR N: 596283.3 - E: 493191.2	H: FOUND LIMESTONE ROCK N: 590929.4 - E: 498489.6
D: FOUND 1" PIPE N: 596277.3 - E: 495841.8	I: FOUND 1/2" REBAR N: 590944.6 - E: 495839.1
E: FOUND 1/2" REBAR N: 596183.6 - E: 498448.0	J: FOUND 1/2" REBAR N: 590947.0 - E: 493175.7
	K: FOUND 60D NAIL N: 593638.2 - E: 495840.9

**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.*

*Sarah Chapman* 06/08/2023  
Signature Date  
**SARAH CHAPMAN**  
Printed Name  
**SCHAPMAN@SPUREENERGY.COM**  
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.*

**02/28/2023**  
Date of Survey  
Signature and Seal of Professional Surveyor:  
**DALE E. BELL**  
NEW MEXICO  
PROFESSIONAL SURVEYOR  
14400  
05/30/2023  
Certificate Number  
REV: ADD KOP - 05/24/23

LS23020238R1

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  
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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

<sup>1</sup> API Number <b>30-015-</b>		<sup>2</sup> Pool Code <b>97565</b>		<sup>3</sup> Pool Name <b>N. SEVEN RIVERS; GLORIETA-YESO</b>	
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>LIVE OAK 27-28 STATE COM</b>			<sup>6</sup> Well Number <b>30H</b>
<sup>7</sup> OGRID NO. <b>328947</b>		<sup>8</sup> Operator Name <b>SPUR ENERGY PARTNERS LLC.</b>			<sup>9</sup> Elevation <b>3498'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
<b>0</b>	<b>27</b>	<b>19S</b>	<b>25E</b>		<b>785</b>	<b>SOUTH</b>	<b>1995</b>	<b>EAST</b>	<b>EDDY</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>0</b>	<b>28</b>	<b>19S</b>	<b>25E</b>		<b>1105</b>	<b>SOUTH</b>	<b>2562</b>	<b>EAST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<sup>16</sup> **GEODETIC DATA**  
NAD 83 GRID - NM EAST

**SURFACE LOCATION (SL)**  
N: 591695.1 - E: 499100.1  
LAT: 32.6265448° N  
LONG: 104.4705293° W

**KICK OFF POINT (KOP)**  
987' FSL & 1769' FEL - SEC 27  
N: 591890.7 - E: 499322.0  
LAT: 32.6270831° N  
LONG: 104.4698094° W

**FIRST TAKE POINT (FTP)**  
1065' FSL & 2542' FWL - SEC 27  
N: 591994.7 - E: 498381.2  
LAT: 32.6273657° N  
LONG: 104.4728659° W

**LAST TAKE POINT (LTP)**  
1105' FSL & 2562' FEL - SEC 28  
N: 592051.7 - E: 493278.9  
LAT: 32.6275028° N  
LONG: 104.4894396° W

**BOTTOM HOLE (BH)**  
N: 592051.7 - E: 493228.9  
LAT: 32.6275027° N  
LONG: 104.4896020° W

**CORNER DATA**  
NAD 83 GRID - NM EAST

A: FOUND 1/2" REBAR  
N: 590950.1 - E: 490511.8

B: 10'X8"X2.5" LIMESTONE ROCK  
N: 596289.2 - E: 490540.3

C: FOUND 1/2" REBAR  
N: 596283.3 - E: 493191.2

D: FOUND 1" PIPE  
N: 596277.3 - E: 495841.8

E: FOUND 1/2" REBAR  
N: 596183.6 - E: 498448.0

F: FOUND 1/2" REBAR  
N: 596091.2 - E: 501054.3

G: FOUND 1/2" REBAR  
N: 590847.7 - E: 501100.1

H: FOUND LIMESTONE ROCK  
N: 590929.4 - E: 498489.6

I: FOUND 1/2" REBAR  
N: 590944.6 - E: 495839.1

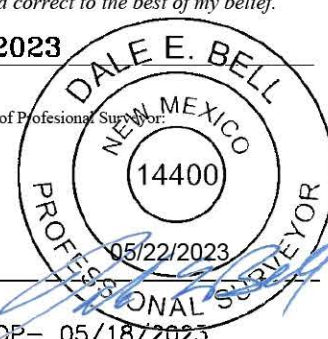
J: FOUND 1/2" REBAR  
N: 590947.0 - E: 493175.7

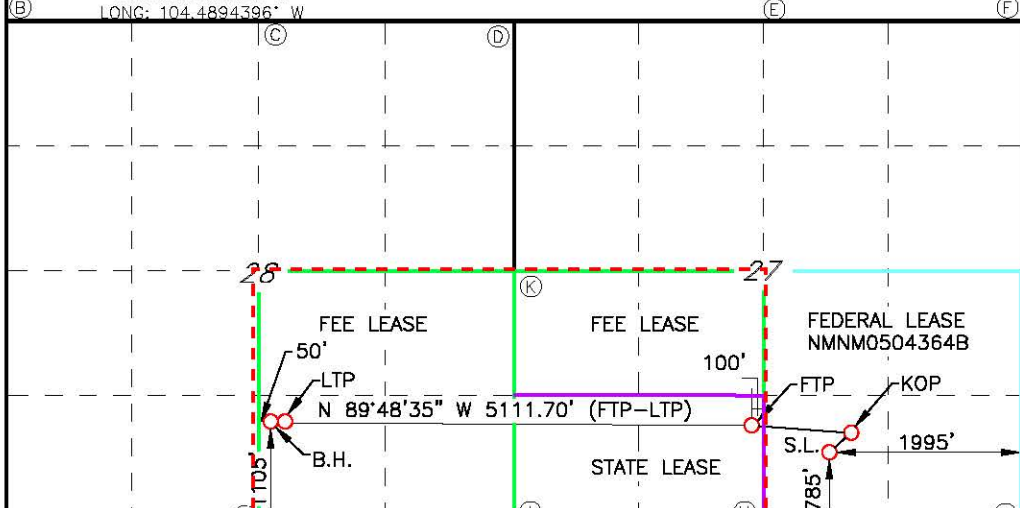
K: FOUND 60D NAIL  
N: 593638.2 - E: 495840.9

**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.

*Sarah Chapman* 06/08/2023  
Signature Date  
**SARAH CHAPMAN**  
Printed Name  
**SCHAPMAN@SPURENERGY.COM**  
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.

**02/28/2023**  
Date of Survey  
Signature and Seal of Professional Surveyor:  
  
**14400**  
Certificate Number  
REV: ADD KOP- 05/18/2023



LS23020239R1

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

<sup>1</sup> API Number <b>30-015-</b>		<sup>2</sup> Pool Code <b>97565</b>	<sup>3</sup> Pool Name <b>N. SEVEN RIVERS; GLORIETA-YESO</b>	
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>LIVE OAK 27-28 STATE COM</b>		<sup>6</sup> Well Number <b>50H</b>	
<sup>7</sup> OGRID NO. <b>328947</b>	<sup>8</sup> Operator Name <b>SPUR ENERGY PARTNERS LLC.</b>		<sup>9</sup> Elevation <b>3454'</b>	

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
<b>J</b>	<b>27</b>	<b>19S</b>	<b>25E</b>		<b>2089</b>	<b>SOUTH</b>	<b>2230</b>	<b>EAST</b>	<b>EDDY</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>J</b>	<b>28</b>	<b>19S</b>	<b>25E</b>		<b>2230</b>	<b>SOUTH</b>	<b>2609</b>	<b>EAST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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><sup>16</sup> <b>GEODETTIC DATA</b> NAD 83 GRID - NM EAST</p> <p><b>SURFACE LOCATION (SL)</b> N: 593004.7 - E: 498853.8 LAT: 32.6301436° N LONG: 104.4713348° W</p> <p><b>KICK OFF POINT (KOP)</b> 3085' FNL &amp; 1808' FEL - SEC 27 N: 593068.5 - E: 499273.2 LAT: 32.6303206° N LONG: 104.4699729° W</p> <p><b>FIRST TAKE POINT (FTP)</b> 2195' FSL &amp; 2532' FWL - SEC 27 N: 593119.4 - E: 498372.3 LAT: 32.6304571° N LONG: 104.4728996° W</p> <p><b>LAST TAKE POINT (LTP)</b> 2230' FSL &amp; 2559' FEL - SEC 28 N: 592811.5 - E: 493231.1 LAT: 32.6295912° N LONG: 104.4895984° W</p>	<p><b>BOTTOM HOLE (BH)</b> N: 593176.4 - E: 493232.2 LAT: 32.6305942° N LONG: 104.4895967° W</p> <p><b>CORNER DATA</b> NAD 83 GRID - NM EAST</p> <p>A: FOUND 1/2" REBAR N: 590950.1 - E: 490511.8</p> <p>B: 10'x8"x2.5" LIMESTONE ROCK N: 596289.2 - E: 490540.3</p> <p>C: FOUND 1/2" REBAR N: 596283.3 - E: 493191.2</p> <p>D: FOUND 1" PIPE N: 596277.3 - E: 495841.8</p> <p>E: FOUND 1/2" REBAR N: 596183.6 - E: 498448.0</p> <p>F: FOUND 1/2" REBAR N: 596091.2 - E: 501054.3</p> <p>G: FOUND 1/2" REBAR N: 590847.7 - E: 501100.1</p> <p>H: FOUND LIMESTONE ROCK N: 590929.4 - E: 498489.6</p> <p>I: FOUND 1/2" REBAR N: 590944.6 - E: 495839.1</p> <p>J: FOUND 1/2" REBAR N: 590947.0 - E: 493175.7</p> <p>K: FOUND 60D NAIL N: 593638.2 - E: 495840.9</p>	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p><i>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.</i></p> <p><i>Sarah Chapman</i> 06/08/2023 Signature Date</p> <p><b>SARAH CHAPMAN</b> Printed Name</p> <p><b>SCHAPMAN@SPURENERGY.COM</b> E-mail Address</p>
		<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p><b>02/28/2023</b> Date of Survey</p> <p><i>DALE E. BELL</i> Signature and Seal of Professional Surveyor</p> <p><b>14400</b> Certificate Number</p> <p>REV: ADD KOP - 05/22/2023</p>

LS23020237R1

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WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-015-</b>		<sup>2</sup> Pool Code <b>97565</b>		<sup>3</sup> Pool Name <b>N. SEVEN RIVERS; GLORIETA-YESO</b>	
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>LIVE OAK 27-28 STATE COM</b>			<sup>6</sup> Well Number <b>70H</b>
<sup>7</sup> OGRID NO. <b>328947</b>		<sup>8</sup> Operator Name <b>SPUR ENERGY PARTNERS LLC.</b>			<sup>9</sup> Elevation <b>3497'</b>

<sup>10</sup> Surface Location

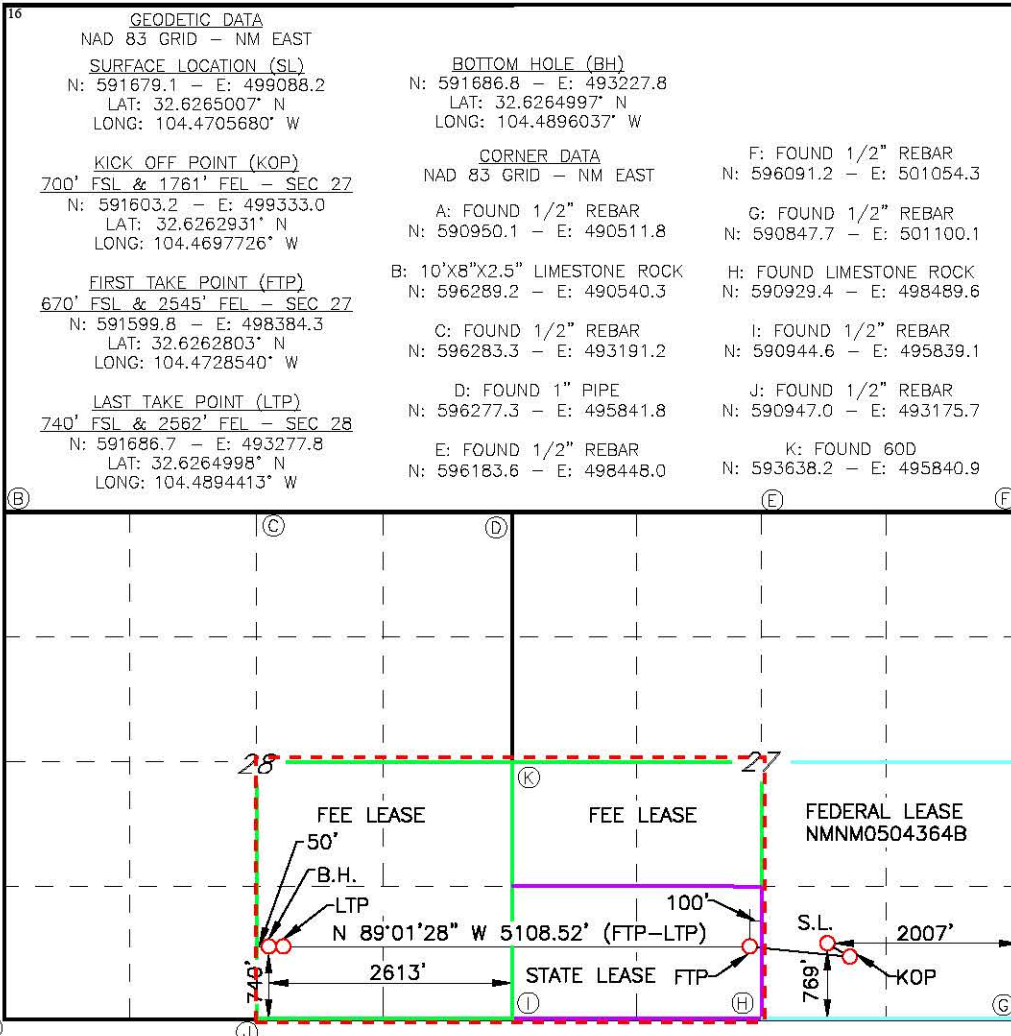
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
<b>0</b>	<b>27</b>	<b>19S</b>	<b>25E</b>		<b>769</b>	<b>SOUTH</b>	<b>2007</b>	<b>EAST</b>	<b>EDDY</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>0</b>	<b>28</b>	<b>19S</b>	<b>25E</b>		<b>740</b>	<b>SOUTH</b>	<b>2613</b>	<b>EAST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.



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*Sarah Chapman* 06/08/2023  
Signature Date  
SARAH CHAPMAN  
Printed Name  
SCHAPMAN@SPURENERGY.COM  
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.  
02/28/2023  
Date of Survey  
Signature and Seal of Professional Surveyor  
DALE E. BELL  
NEW MEXICO  
14400  
05/22/2023  
14400  
Certificate Number  
REV: ADD KOP-05/18/2023  
LS23020240R1



**Live Oak 27-28 State Com DSU  
Township 19 South, Range 25 East, NMPM  
Sections 27 & 28**

**Spur Energy Partners, LLC  
Case No. 24121  
Exhibit A-3**

**NE/4 Section 28 - 19S-25E**

**NW/4 Section 27 - 19S-25E**

<p align="center"><b>Tract 1 160 acres - SE/4 Sec. 28-19S-25E</b></p>				<p align="center"><b>Tract 2 80 acres - N/2SW/4 Sec. 27-19S-25E</b></p>			
				<p align="center"><b>Tract 3 80 acres - S/2SW/4 Sec. 27-19S-25E</b></p>			

<u>TRACT NUMBER</u>	<u>LOCATION</u>	<u>SECTION</u>	<u>TRACT PARTICIPATION FACTOR</u>	<u>ACRES</u>
TRACT 1	SE/4	28	50.00%	160.00
TRACT 2	N/2SW/4	27	25.00%	80.00
TRACT 3	S/2SW/4	27	25.00%	80.00
			100.00%	320.00

**Live Oak 27-28 State Com (Yeso Formation) - TRACT/DSU WORKING INTEREST SUMMARY**

TRACT NUMBER	LOCATION	SECTION	TRACT PARTICIPATION FACTOR	ACRES
TRACT 1	SE/4	28	50.00%	160.00
TRACT 2	N/2SW/4	27	25.00%	80.00
TRACT 3	S/2SW/4	27	25.00%	80.00
			<b>100.00%</b>	<b>320.00</b>
<b>Parties to be pooled are highlighted in YELLOW</b>				

TRACT 1	Interest Type	Operating Rights Ownership		
		WI	Gross Ac	Net Ac
SEP Permian LLC	WI	0.310850	160.000000	49.736000
Silverback New Mexico, LLC	WI	0.500000	160.000000	80.000000
Oxy USA, Inc.	WI	0.125000	160.000000	20.000000
Foran Oil Company	WI	0.057900	160.000000	9.264000
Westlake Producing Company	WI	0.006250	160.000000	1.000000
<b>TOTAL</b>		<b>1.000000</b>	<b>160.000000</b>	<b>160.000000</b>

TRACT 2	Interest Type	WI	Gross Ac	Net Ac
Tierra Oil Company	WI	0.045314	80.000000	3.62514287
Tierra Oil Company	UMI	0.000436	80.000000	0.03485714
SEP Permian LLC	UMI	0.945162	80.000000	75.61295268
SEP Permian LLC	WI	0.009088	80.000000	0.72704762
<b>TOTAL</b>		<b>1.000000</b>	<b>80.000000</b>	<b>80.000000</b>

TRACT 3	Interest Type	WI	Gross Ac	Net Ac
SEP Permian LLC	WI	1.000000	80.000000	80.000000
<b>TOTAL</b>		<b>1.000000</b>	<b>80.000000</b>	<b>80.000000</b>

LIVE OAK 27-28 STATE COM OPERATING RIGHTS DSU RECAPITULATION		
	Net Ac	DSU WI %
SEP Permian LLC	206.07600030	0.64398750
Silverback New Mexico, LLC	80.00000000	0.25000000
Oxy USA, Inc.	20.00000000	0.06250000
Foran Oil Company	9.26400000	0.02895000
Westlake Producing Company	1.00000000	0.00312500
Tierra Oil Company	3.660000	0.01143750
<b>Total</b>	<b>320.000000</b>	<b>1.000000</b>



Spur Energy Partners, LLC  
Case No. 24121  
Exhibit A-4

**August 30, 2023**

Tierra Oil Company  
P.O. Box 1220  
Jupiter, FL 33468  
Attn: Kylie Poston

**RE: Well Proposals – Live Oak 27-28 State Com 20H, 21H, 30H, 50H and 70H  
Proposed Spacing Unit  
Section 27: SW/4-19S-25E  
Section 28: SE/4-19S-R25E  
Eddy County, New Mexico**

Dear Working Interest Owner,

SEP Permian Holding Corporation, an affiliate of Spur Energy Partners LLC, (“Spur”), hereby proposes to drill and complete the **Live Oak 27-28 State Com 20H, 21H, 30H, 50H and 70H 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).

**Live Oak 27-28 State Com 20H well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Surface Hole Location – 2087’ FSL & 2250’ FEL, Section 27, T19S-R25E
- Proposed Bottom Hole Location – 1865’ FSL & 2610’ FEL, Section 28, T19S-R25E
- TVD: ~ 2860’

**Live Oak 27-28 State Com 21H well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Surface Hole Location – 752’ FSL & 2019’ FEL, Section 27, T19S-R25E
- Proposed Bottom Hole Location – 330’ FSL & 2613’ FEL, Section 28, T19S-R25E
- TVD: ~ 2900’

**Live Oak 27-28 State Com 30H well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Surface Hole Location – 785’ FSL & 1995’ FEL, Section 27, T19S-R25E
- Proposed Bottom Hole Location – 1105’ FSL & 2562’ FEL, Section 28, T19S-R25E
- TVD: ~ 3060’

**Live Oak 27-28 State Com 50H well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Surface Hole Location – 2089’ FSL & 2230’ FEL, Section 27, T19S-R25E
- Proposed Bottom Hole Location – 2230’ FSL & 2609’ FEL, Section 28, T19S-R25E
- TVD: ~ 3260’

**Live Oak 27-28 State Com 70H well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Surface Hole Location – 769’ FSL & 2007’ FEL, Section 27, T19S-R25E
- Proposed Bottom Hole Location – 740’ FSL & 2613’ FEL, Section 28, T19S-R25E
- TVD: ~ 3775’

Spur proposes to form a Drilling Spacing Unit (“DSU”) covering the Southwest Quarter of Section 27-T19S-R25E and the Southeast Quarter of Section 28-19S-25E, Eddy County, New Mexico, containing 320 acres of land, more or less, in the Yeso formation. 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 requests to enter into a new Joint Operating Agreement dated January 1, 2024, 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 January 1, 2024
- Contract Area consisting of the SW/4 of Section 27 and the SE/4 of Section 28, Township 19 South, Range 25 East limited to 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”)

Option 3: 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 Yeso acre delivering all rights owned.

Please indicate your election as to one of the above three 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. Should you elect Option 1 or Option 2, Spur will send the NJOA for your review and execution. If you prefer to review the NJOA prior to making an election, please request a copy by email and Spur will provide the NJOA. 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 Conversation 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, 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 mlauck@spurenergy.com

Sincerely,



Scott Hartman  
Senior Landman

832-930-8616

shartman@spurenergy.com

**Live Oak 27-28 State Com 20H Well Election**

Owner: Tierra Oil Company

Working Interest: 1.14375%

\_\_\_\_\_ **Option 1)** The undersigned elects to participate in the drilling and completion of the Live Oak 27-28 State Com 20H 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 Live Oak 27-28 State Com 20H well.

Should you elect to participate, please also indicate your Well Insurance election below. If you elect to obtain individual Well Insurance coverage, please provide Spur with a copy of your Certificate of Insurance.

**Well Insurance:**

\_\_\_\_\_ The undersigned requests Well Insurance coverage provided by Spur Energy Partners.

\_\_\_\_\_ The undersigned elects to obtain individual Well Insurance coverage.

Agreed to and Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

**Company/Individual: Tierra Oil Company**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**Live Oak 27-28 State Com 21H Well Election**

Owner: Tierra Oil Company

Working Interest: 1.14375%

\_\_\_\_\_ **Option 1)** The undersigned elects to participate in the drilling and completion of the Live Oak 27-28 State Com 21H 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 Live Oak 27-28 State Com 21H well.

Should you elect to participate, please also indicate your Well Insurance election below. If you elect to obtain individual Well Insurance coverage, please provide Spur with a copy of your Certificate of Insurance.

**Well Insurance:**

\_\_\_\_\_ The undersigned requests Well Insurance coverage provided by Spur Energy Partners.

\_\_\_\_\_ The undersigned elects to obtain individual Well Insurance coverage.

Agreed to and Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

**Company/Individual: Tierra Oil Company**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**Live Oak 27-28 State Com 30H Well Election**

Owner: Tierra Oil Company

Working Interest: 1.14375%

\_\_\_\_\_ **Option 1)** The undersigned elects to participate in the drilling and completion of the Live Oak 27-28 State Com 30H 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 Live Oak 27-28 State Com 30H well.

Should you elect to participate, please also indicate your Well Insurance election below. If you elect to obtain individual Well Insurance coverage, please provide Spur with a copy of your Certificate of Insurance.

**Well Insurance:**

\_\_\_\_\_ The undersigned requests Well Insurance coverage provided by Spur Energy Partners.

\_\_\_\_\_ The undersigned elects to obtain individual Well Insurance coverage.

Agreed to and Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

**Company/Individual: Tierra Oil Company**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**Live Oak 27-28 State Com 50H Well Election**

Owner: Tierra Oil Company

Working Interest: 1.14375%

\_\_\_\_\_ **Option 1)** The undersigned elects to participate in the drilling and completion of the Live Oak 27-28 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 Live Oak 27-28 State Com 50H well.

Should you elect to participate, please also indicate your Well Insurance election below. If you elect to obtain individual Well Insurance coverage, please provide Spur with a copy of your Certificate of Insurance.

**Well Insurance:**

\_\_\_\_\_ The undersigned requests Well Insurance coverage provided by Spur Energy Partners.

\_\_\_\_\_ The undersigned elects to obtain individual Well Insurance coverage.

Agreed to and Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

**Company/Individual: Tierra Oil Company**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_



**Live Oak 27-28 State Com 70H Well Election**

Owner: Tierra Oil Company

Working Interest: 1.14375%

\_\_\_\_\_ **Option 1)** The undersigned elects to participate in the drilling and completion of the Live Oak 27-28 State Com 70H 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 Live Oak 27-28 State Com 70H well.

Should you elect to participate, please also indicate your Well Insurance election below. If you elect to obtain individual Well Insurance coverage, please provide Spur with a copy of your Certificate of Insurance.

**Well Insurance:**

\_\_\_\_\_ The undersigned requests Well Insurance coverage provided by Spur Energy Partners.

\_\_\_\_\_ The undersigned elects to obtain individual Well Insurance coverage.

Agreed to and Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

**Company/Individual: Tierra Oil Company**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**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 \_\_\_\_\_, 2023.

**Company/Individual: Tierra Oil Company**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_



Authority for Expenditure  
Drill, Complete, & Equip



Operator : Spur Energy Partners LLC	AFE # : C23017
Well Name : LIVE OAK SOUTH STATE 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	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 62,000	\$ -	\$ -	\$ -	\$ 62,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 34,000	\$ -	\$ -	\$ -	\$ 34,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 67,300	\$ -	\$ -	\$ -	\$ 67,300	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 17,355	\$ -	\$ -	\$ -	\$ 17,355	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 42,000	\$ -	\$ -	\$ -	\$ 42,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 26,400	\$ -	\$ -	\$ -	\$ 26,400	\$ -
2050-1900	GROUND TRANSPORT	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURNKEY)	\$ 207,000	\$ -	\$ -	\$ -	\$ 207,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 93,000	\$ -	\$ -	\$ -	\$ 93,000	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 68,000	\$ -	\$ -	\$ -	\$ 68,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 240	\$ -	\$ -	\$ -	\$ 240	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 42,000	\$ -	\$ -	\$ -	\$ 42,000	\$ -
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	\$ 88,000	\$ -	\$ -	\$ -	\$ 88,000	\$ -
2050-4000	CEMENT	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 14,000	\$ -	\$ -	\$ -	\$ 14,000	\$ -
2050-8001	MOB/DEMOB RIG	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2050-8003	VACUUM TRUCKING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 102,530	\$ -	\$ -	\$ -	\$ 102,530	\$ -
	<b>INTANGIBLE DRILLING SUBTOTAL</b>	<b>\$ 1,227,825</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,227,825</b>	<b>\$ -</b>

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	\$ 100,650	\$ -	\$ -	\$ -	\$ 100,650	\$ -
2051-5200	INTERMEDIATE CASING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 444,959	\$ -	\$ -	\$ -	\$ 444,959	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>TANGIBLE DRILLING SUBTOTAL</b>	<b>\$ 603,109</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 603,109</b>	<b>\$ -</b>
	<b>DRILLING TOTAL</b>	<b>\$ 1,830,934</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,830,934</b>	<b>\$ -</b>

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	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 340,000	\$ -	\$ -	\$ -	\$ 340,000	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 210,000	\$ -	\$ -	\$ -	\$ 210,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000	\$ -
2055-2300	FRAC PLUGS	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2403	FLOWBACK	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3000	BITS	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 598,000	\$ -	\$ -	\$ -	\$ 598,000	\$ -
2055-3400	PROPPANT	\$ 345,000	\$ -	\$ -	\$ -	\$ 345,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 230,000	\$ -	\$ -	\$ -	\$ 230,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING,SNUBBING,NITRO SVC	\$ 181,500	\$ -	\$ -	\$ -	\$ 181,500	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>INTANGIBLE COMPLETION SUBTOTAL</b>		<b>\$ 2,523,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,523,500</b>	<b>\$ -</b>

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	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 52,500	\$ -	\$ -	\$ -	\$ 52,500	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 70,000	\$ -	\$ -	\$ -	\$ 70,000	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TANGIBLE COMPLETION SUBTOTAL</b>		<b>\$ 181,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 181,500</b>	<b>\$ -</b>
<b>COMPLETION TOTAL</b>		<b>\$ 2,705,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,705,000</b>	<b>\$ -</b>

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>INTANGIBLE FACILITY SUBTOTAL</b>		<b>\$ 106,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 106,500</b>	<b>\$ -</b>

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2066-1200	VESSELS	\$ 88,000	\$ -	\$ -	\$ -	\$ 88,000	\$ -
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	\$ 8,000	\$ -	\$ -	\$ -	\$ 8,000	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
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	\$ -
<b>TANGIBLE FACILITY SUBTOTAL</b>		<b>\$ 343,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 343,500</b>	<b>\$ -</b>
<b>FACILITY TOTAL</b>		<b>\$ 450,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 450,000</b>	<b>\$ -</b>

LIVE OAK SOUTH STATE 50H TOTAL WELL ESTIMATE	Original		Supplement		Total	
	8/8ths	Net	8/8ths	Net	8/8ths	Net
DRILLING TOTAL	\$ 1,830,934	\$ -	\$ -	\$ -	\$ 1,830,934	\$ -
COMPLETION TOTAL	\$ 2,705,000	\$ -	\$ -	\$ -	\$ 2,705,000	\$ -
FACILITY TOTAL	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000	\$ -
<b>TOTAL WELL COST</b>	<b>\$ 4,985,934</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,985,934</b>	<b>\$ -</b>

<b>Partner Approval</b>	
Signed _____	Company _____
Name _____	Date _____
Title _____	



Authority for Expenditure  
Drill, Complete, & Equip



Operator : Spur Energy Partners LLC	AFE # : C23015
Well Name : LIVE OAK SOUTH STATE 21H	
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	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 62,000	\$ -	\$ -	\$ -	\$ 62,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 34,000	\$ -	\$ -	\$ -	\$ 34,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 51,300	\$ -	\$ -	\$ -	\$ 51,300	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 17,355	\$ -	\$ -	\$ -	\$ 17,355	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 42,000	\$ -	\$ -	\$ -	\$ 42,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 19,800	\$ -	\$ -	\$ -	\$ 19,800	\$ -
2050-1900	GROUND TRANSPORT	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURNKEY)	\$ 174,000	\$ -	\$ -	\$ -	\$ 174,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 73,500	\$ -	\$ -	\$ -	\$ 73,500	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 68,000	\$ -	\$ -	\$ -	\$ 68,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 180	\$ -	\$ -	\$ -	\$ 180	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 28,000	\$ -	\$ -	\$ -	\$ 28,000	\$ -
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	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2050-4000	CEMENT	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 10,500	\$ -	\$ -	\$ -	\$ 10,500	\$ -
2050-8001	MOB/DEMOB RIG	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2050-8003	VACUUM TRUCKING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 91,064	\$ -	\$ -	\$ -	\$ 91,064	\$ -
	<b>INTANGIBLE DRILLING SUBTOTAL</b>	<b>\$ 1,101,699</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,101,699</b>	<b>\$ -</b>

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	\$ 100,650	\$ -	\$ -	\$ -	\$ 100,650	\$ -
2051-5200	INTERMEDIATE CASING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 420,595	\$ -	\$ -	\$ -	\$ 420,595	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>TANGIBLE DRILLING SUBTOTAL</b>	<b>\$ 578,745</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 578,745</b>	<b>\$ -</b>
	<b>DRILLING TOTAL</b>	<b>\$ 1,680,444</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,680,444</b>	<b>\$ -</b>

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	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 340,000	\$ -	\$ -	\$ -	\$ 340,000	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 210,000	\$ -	\$ -	\$ -	\$ 210,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000	\$ -
2055-2300	FRAC PLUGS	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2403	FLOWBACK	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3000	BITS	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 598,000	\$ -	\$ -	\$ -	\$ 598,000	\$ -
2055-3400	PROPPANT	\$ 345,000	\$ -	\$ -	\$ -	\$ 345,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 230,000	\$ -	\$ -	\$ -	\$ 230,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING,SNUBBING,NITRO SVC	\$ 181,500	\$ -	\$ -	\$ -	\$ 181,500	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>INTANGIBLE COMPLETION SUBTOTAL</b>		<b>\$ 2,523,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,523,500</b>	<b>\$ -</b>

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	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 52,500	\$ -	\$ -	\$ -	\$ 52,500	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 70,000	\$ -	\$ -	\$ -	\$ 70,000	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TANGIBLE COMPLETION SUBTOTAL</b>		<b>\$ 181,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 181,500</b>	<b>\$ -</b>
<b>COMPLETION TOTAL</b>		<b>\$ 2,705,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,705,000</b>	<b>\$ -</b>

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>INTANGIBLE FACILITY SUBTOTAL</b>		<b>\$ 106,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 106,500</b>	<b>\$ -</b>

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2066-1200	VESSELS	\$ 88,000	\$ -	\$ -	\$ -	\$ 88,000	\$ -
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	\$ 8,000	\$ -	\$ -	\$ -	\$ 8,000	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
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	\$ -
<b>TANGIBLE FACILITY SUBTOTAL</b>		<b>\$ 343,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 343,500</b>	<b>\$ -</b>
<b>FACILITY TOTAL</b>		<b>\$ 450,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 450,000</b>	<b>\$ -</b>

LIVE OAK SOUTH STATE 21H TOTAL WELL ESTIMATE	Original		Supplement		Total	
	8/8ths	Net	8/8ths	Net	8/8ths	Net
DRILLING TOTAL	\$ 1,680,444	\$ -	\$ -	\$ -	\$ 1,680,444	\$ -
COMPLETION TOTAL	\$ 2,705,000	\$ -	\$ -	\$ -	\$ 2,705,000	\$ -
FACILITY TOTAL	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000	\$ -
<b>TOTAL WELL COST</b>	<b>\$ 4,835,444</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,835,444</b>	<b>\$ -</b>

<b>Partner Approval</b>	
Signed _____	Company _____
Name _____	Date _____
Title _____	



Authority for Expenditure  
Drill, Complete, & Equip



Operator : Spur Energy Partners LLC	AFE # : C23016
Well Name : LIVE OAK SOUTH STATE 30H	
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	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 62,000	\$ -	\$ -	\$ -	\$ 62,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 34,000	\$ -	\$ -	\$ -	\$ 34,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 51,300	\$ -	\$ -	\$ -	\$ 51,300	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 17,355	\$ -	\$ -	\$ -	\$ 17,355	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 42,000	\$ -	\$ -	\$ -	\$ 42,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 19,800	\$ -	\$ -	\$ -	\$ 19,800	\$ -
2050-1900	GROUND TRANSPORT	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURNKEY)	\$ 174,000	\$ -	\$ -	\$ -	\$ 174,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 73,500	\$ -	\$ -	\$ -	\$ 73,500	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 68,000	\$ -	\$ -	\$ -	\$ 68,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 180	\$ -	\$ -	\$ -	\$ 180	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 28,000	\$ -	\$ -	\$ -	\$ 28,000	\$ -
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	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2050-4000	CEMENT	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 10,500	\$ -	\$ -	\$ -	\$ 10,500	\$ -
2050-8001	MOB/DEMOB RIG	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2050-8003	VACUUM TRUCKING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 91,064	\$ -	\$ -	\$ -	\$ 91,064	\$ -
	<b>INTANGIBLE DRILLING SUBTOTAL</b>	<b>\$ 1,101,699</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,101,699</b>	<b>\$ -</b>

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	\$ 100,650	\$ -	\$ -	\$ -	\$ 100,650	\$ -
2051-5200	INTERMEDIATE CASING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 420,595	\$ -	\$ -	\$ -	\$ 420,595	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>TANGIBLE DRILLING SUBTOTAL</b>	<b>\$ 578,745</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 578,745</b>	<b>\$ -</b>
	<b>DRILLING TOTAL</b>	<b>\$ 1,680,444</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,680,444</b>	<b>\$ -</b>

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	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 340,000	\$ -	\$ -	\$ -	\$ 340,000	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 210,000	\$ -	\$ -	\$ -	\$ 210,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000	\$ -
2055-2300	FRAC PLUGS	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2403	FLOWBACK	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3000	BITS	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 598,000	\$ -	\$ -	\$ -	\$ 598,000	\$ -
2055-3400	PROPPANT	\$ 345,000	\$ -	\$ -	\$ -	\$ 345,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 230,000	\$ -	\$ -	\$ -	\$ 230,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING,SNUBBING,NITRO SVC	\$ 181,500	\$ -	\$ -	\$ -	\$ 181,500	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>INTANGIBLE COMPLETION SUBTOTAL</b>		<b>\$ 2,523,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,523,500</b>	<b>\$ -</b>

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	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 52,500	\$ -	\$ -	\$ -	\$ 52,500	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 70,000	\$ -	\$ -	\$ -	\$ 70,000	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TANGIBLE COMPLETION SUBTOTAL</b>		<b>\$ 181,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 181,500</b>	<b>\$ -</b>
<b>COMPLETION TOTAL</b>		<b>\$ 2,705,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,705,000</b>	<b>\$ -</b>

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>INTANGIBLE FACILITY SUBTOTAL</b>		<b>\$ 106,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 106,500</b>	<b>\$ -</b>

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2066-1200	VESSELS	\$ 88,000	\$ -	\$ -	\$ -	\$ 88,000	\$ -
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	\$ 8,000	\$ -	\$ -	\$ -	\$ 8,000	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
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	\$ -
<b>TANGIBLE FACILITY SUBTOTAL</b>		<b>\$ 343,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 343,500</b>	<b>\$ -</b>
<b>FACILITY TOTAL</b>		<b>\$ 450,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 450,000</b>	<b>\$ -</b>

LIVE OAK SOUTH STATE 30H TOTAL WELL ESTIMATE	Original		Supplement		Total	
	8/8ths	Net	8/8ths	Net	8/8ths	Net
DRILLING TOTAL	\$ 1,680,444	\$ -	\$ -	\$ -	\$ 1,680,444	\$ -
COMPLETION TOTAL	\$ 2,705,000	\$ -	\$ -	\$ -	\$ 2,705,000	\$ -
FACILITY TOTAL	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000	\$ -
<b>TOTAL WELL COST</b>	<b>\$ 4,835,444</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,835,444</b>	<b>\$ -</b>

<b>Partner Approval</b>	
Signed _____	Company _____
Name _____	Date _____
Title _____	





Authority for Expenditure  
Drill, Complete, & Equip



Operator : Spur Energy Partners LLC	AFE # : C23014
Well Name : LIVE OAK SOUTH STATE 20H	
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	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 62,000	\$ -	\$ -	\$ -	\$ 62,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 34,000	\$ -	\$ -	\$ -	\$ 34,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 51,300	\$ -	\$ -	\$ -	\$ 51,300	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 17,355	\$ -	\$ -	\$ -	\$ 17,355	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 42,000	\$ -	\$ -	\$ -	\$ 42,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 19,800	\$ -	\$ -	\$ -	\$ 19,800	\$ -
2050-1900	GROUND TRANSPORT	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURNKEY)	\$ 174,000	\$ -	\$ -	\$ -	\$ 174,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 73,500	\$ -	\$ -	\$ -	\$ 73,500	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 68,000	\$ -	\$ -	\$ -	\$ 68,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 180	\$ -	\$ -	\$ -	\$ 180	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 28,000	\$ -	\$ -	\$ -	\$ 28,000	\$ -
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	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2050-4000	CEMENT	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 10,500	\$ -	\$ -	\$ -	\$ 10,500	\$ -
2050-8001	MOB/DEMOB RIG	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2050-8003	VACUUM TRUCKING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 91,064	\$ -	\$ -	\$ -	\$ 91,064	\$ -
	<b>INTANGIBLE DRILLING SUBTOTAL</b>	<b>\$ 1,101,699</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,101,699</b>	<b>\$ -</b>

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	\$ 100,650	\$ -	\$ -	\$ -	\$ 100,650	\$ -
2051-5200	INTERMEDIATE CASING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 420,595	\$ -	\$ -	\$ -	\$ 420,595	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>TANGIBLE DRILLING SUBTOTAL</b>	<b>\$ 578,745</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 578,745</b>	<b>\$ -</b>
	<b>DRILLING TOTAL</b>	<b>\$ 1,680,444</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,680,444</b>	<b>\$ -</b>

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	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 340,000	\$ -	\$ -	\$ -	\$ 340,000	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 210,000	\$ -	\$ -	\$ -	\$ 210,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000	\$ -
2055-2300	FRAC PLUGS	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2403	FLOWBACK	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3000	BITS	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 598,000	\$ -	\$ -	\$ -	\$ 598,000	\$ -
2055-3400	PROPPANT	\$ 345,000	\$ -	\$ -	\$ -	\$ 345,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 230,000	\$ -	\$ -	\$ -	\$ 230,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING,SNUBBING,NITRO SVC	\$ 181,500	\$ -	\$ -	\$ -	\$ 181,500	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>INTANGIBLE COMPLETION SUBTOTAL</b>		<b>\$ 2,523,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,523,500</b>	<b>\$ -</b>

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	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 52,500	\$ -	\$ -	\$ -	\$ 52,500	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 70,000	\$ -	\$ -	\$ -	\$ 70,000	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TANGIBLE COMPLETION SUBTOTAL</b>		<b>\$ 181,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 181,500</b>	<b>\$ -</b>
<b>COMPLETION TOTAL</b>		<b>\$ 2,705,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,705,000</b>	<b>\$ -</b>

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>INTANGIBLE FACILITY SUBTOTAL</b>		<b>\$ 106,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 106,500</b>	<b>\$ -</b>

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2066-1200	VESSELS	\$ 88,000	\$ -	\$ -	\$ -	\$ 88,000	\$ -
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	\$ 8,000	\$ -	\$ -	\$ -	\$ 8,000	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
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	\$ -
<b>TANGIBLE FACILITY SUBTOTAL</b>		<b>\$ 343,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 343,500</b>	<b>\$ -</b>
<b>FACILITY TOTAL</b>		<b>\$ 450,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 450,000</b>	<b>\$ -</b>

LIVE OAK SOUTH STATE 20H TOTAL WELL ESTIMATE	Original		Supplement		Total	
	8/8ths	Net	8/8ths	Net	8/8ths	Net
DRILLING TOTAL	\$ 1,680,444	\$ -	\$ -	\$ -	\$ 1,680,444	\$ -
COMPLETION TOTAL	\$ 2,705,000	\$ -	\$ -	\$ -	\$ 2,705,000	\$ -
FACILITY TOTAL	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000	\$ -
<b>TOTAL WELL COST</b>	<b>\$ 4,835,444</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,835,444</b>	<b>\$ -</b>

<b>Partner Approval</b>	
Signed _____	Company _____
Name _____	Date _____
Title _____	



Authority for Expenditure  
Drill, Complete, & Equip



Operator : Spur Energy Partners LLC	AFE # : C23018
Well Name : LIVE OAK SOUTH STATE 70H	
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	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 62,000	\$ -	\$ -	\$ -	\$ 62,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 34,000	\$ -	\$ -	\$ -	\$ 34,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 67,300	\$ -	\$ -	\$ -	\$ 67,300	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 17,355	\$ -	\$ -	\$ -	\$ 17,355	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 42,000	\$ -	\$ -	\$ -	\$ 42,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 26,400	\$ -	\$ -	\$ -	\$ 26,400	\$ -
2050-1900	GROUND TRANSPORT	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURNKEY)	\$ 207,000	\$ -	\$ -	\$ -	\$ 207,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 93,000	\$ -	\$ -	\$ -	\$ 93,000	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 68,000	\$ -	\$ -	\$ -	\$ 68,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 240	\$ -	\$ -	\$ -	\$ 240	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 42,000	\$ -	\$ -	\$ -	\$ 42,000	\$ -
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	\$ 88,000	\$ -	\$ -	\$ -	\$ 88,000	\$ -
2050-4000	CEMENT	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 14,000	\$ -	\$ -	\$ -	\$ 14,000	\$ -
2050-8001	MOB/DEMOB RIG	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2050-8003	VACUUM TRUCKING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 102,530	\$ -	\$ -	\$ -	\$ 102,530	\$ -
	<b>INTANGIBLE DRILLING SUBTOTAL</b>	<b>\$ 1,227,825</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,227,825</b>	<b>\$ -</b>

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	\$ 100,650	\$ -	\$ -	\$ -	\$ 100,650	\$ -
2051-5200	INTERMEDIATE CASING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 444,959	\$ -	\$ -	\$ -	\$ 444,959	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>TANGIBLE DRILLING SUBTOTAL</b>	<b>\$ 603,109</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 603,109</b>	<b>\$ -</b>
	<b>DRILLING TOTAL</b>	<b>\$ 1,830,934</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,830,934</b>	<b>\$ -</b>

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	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 340,000	\$ -	\$ -	\$ -	\$ 340,000	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 210,000	\$ -	\$ -	\$ -	\$ 210,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000	\$ -
2055-2300	FRAC PLUGS	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2403	FLOWBACK	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3000	BITS	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 598,000	\$ -	\$ -	\$ -	\$ 598,000	\$ -
2055-3400	PROPPANT	\$ 345,000	\$ -	\$ -	\$ -	\$ 345,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 230,000	\$ -	\$ -	\$ -	\$ 230,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING,SNUBBING,NITRO SVC	\$ 181,500	\$ -	\$ -	\$ -	\$ 181,500	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>INTANGIBLE COMPLETION SUBTOTAL</b>		<b>\$ 2,523,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,523,500</b>	<b>\$ -</b>

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	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 52,500	\$ -	\$ -	\$ -	\$ 52,500	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 70,000	\$ -	\$ -	\$ -	\$ 70,000	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TANGIBLE COMPLETION SUBTOTAL</b>		<b>\$ 181,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 181,500</b>	<b>\$ -</b>
<b>COMPLETION TOTAL</b>		<b>\$ 2,705,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,705,000</b>	<b>\$ -</b>

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>INTANGIBLE FACILITY SUBTOTAL</b>		<b>\$ 106,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 106,500</b>	<b>\$ -</b>

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2066-1200	VESSELS	\$ 88,000	\$ -	\$ -	\$ -	\$ 88,000	\$ -
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	\$ 8,000	\$ -	\$ -	\$ -	\$ 8,000	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
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	\$ -
<b>TANGIBLE FACILITY SUBTOTAL</b>		<b>\$ 343,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 343,500</b>	<b>\$ -</b>
<b>FACILITY TOTAL</b>		<b>\$ 450,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 450,000</b>	<b>\$ -</b>

LIVE OAK SOUTH STATE 70H TOTAL WELL ESTIMATE	Original		Supplement		Total	
	8/8ths	Net	8/8ths	Net	8/8ths	Net
DRILLING TOTAL	\$ 1,830,934	\$ -	\$ -	\$ -	\$ 1,830,934	\$ -
COMPLETION TOTAL	\$ 2,705,000	\$ -	\$ -	\$ -	\$ 2,705,000	\$ -
FACILITY TOTAL	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000	\$ -
<b>TOTAL WELL COST</b>	<b>\$ 4,985,934</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,985,934</b>	<b>\$ -</b>

<b>Partner Approval</b>	
Signed _____	Company _____
Name _____	Date _____
Title _____	

SPUR ENERGY PARTNERS - CASE NO. - POSTAL DELIVERY REPORT & CORRESPONDENCE HISTORY					
COURIER	TRACKING	PARTY	DELIVERY ADDRESS	DELIVERY DATE	CONTACT HISTORY
USPS	9414 8118 9876 5416 6134 97 9414 8118 9876 5416 6134 59	WESTLAKE PRODUCING COMPANY	590 Cricketfield Ct. Lake Sherwood, CA 91361	9/13/2023 9/9/2023	Elected not to participate 10/9/2023
USPS	9414 8118 9876 5416 6134 28	FORAN OIL CORPORATION	5400 LBJ Fwy. Ste. 1500 Dallas, TX 75240	9/11/2023	Email and phone correspondence 9/19/2023 Emailed JOA 12/13/2023 1/9/2024 email correspondence
USPS	9414 8118 9876 5416 6134 04	OXY USA, INC.	5 Greenway Plaza, Ste. 110 Houston, TX 77046	9/2/2023	Email correspondence 12/13/2023 1/9/2024 email correspondence
USPS	9414 8118 9876 5416 6134 35	SILVERBACK NEW MEXICO, LLC	19707 IH 10 West, Ste. 201 San Antonio, TX 78257	9/6/2023	Email correspondence 12/13/2023 1/9/2024 email correspondence

**Spur Energy Partners, LLC**  
**Case No. 24121**  
**Exhibit A-5**

**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. 24121**

**SELF-AFFIRMED STATEMENT  
OF MATTHEW VAN WIE**

1. I am a geologist with Spur Energy Partners LLC (“Spur”). I am over 18 years of age, 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 application filed by Spur in this case, and I have conducted a geologic study of the lands.

3. In this case, Spur is targeting the Yeso formation.

4. **Exhibit B-1** is a location map of the proposed horizontal spacing unit (“Unit”). Spur’s acreage is shown in yellow and the approximate wellbore paths for the proposed **Live Oak 27-28 State Com 20H, Live Oak 27-28 State Com 50H, Live Oak 27-28 State Com 21H, Live Oak 27-28 State Com 30H, and Live Oak 27-28 State Com 70H** wells (“Wells”) are represented by solid black lines. Nearby wells producing in the target formation are also identified. The 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 intervals, are of good quality, and are representative of the geology in the area.

5. **Exhibit B-2** is a subsea structure map that I prepared for the top of the Glorieta (just above the top of the Yeso formation) with a contour interval of 25 feet. The structure map

**Spur Energy Partners, LLC  
Case No. 24121  
Exhibit B**

demonstrates the formation is gently dipping to the east in this area. The formation appears consistent across the proposed spacing unit. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells. This map also shows a line bisecting the proposed spacing unit from B to B' which is depicted in a gun barrel diagram in a later exhibit.

6. **Exhibit B-3** is a structural cross-section that I prepared displaying open-hole logs acquired over the target formation from the representative wells denoted from A to A' on Exhibit B-1. For each well in the cross-section, the exhibit shows the following logs where available: gamma ray, resistivity, neutron porosity, and density. The targeted zones for the proposed wells are labeled and highlighted on the cross-section. The logs in the cross-section demonstrate that the targeted interval is continuous and consistent along trend.

7. **Exhibit B-4** is a gun barrel diagram from B to B' reflecting Spur's intended development in the Yeso formation in this acreage. The exhibit identifies the initial proposed wells (solid black lines) relative to the different intervals within the Yeso formation.

8. **Exhibit B-5** illustrates the existing wellbores within, and surrounding, the proposed Horizontal Spacing Unit ("HSU"). The total depth drilled, as reported by the New Mexico Oil Conservation Division ("NMOCD"), is listed in maroon text below each well symbol. The API SERIES number is posted in black text above and can be cross-referenced to the table below for detailed well history information.

API	Well Name	Well Type	Well Status	OGRID Name	Lease Type	Measured Depth	Associated Pools
30-015-21045	AIKMAN SWD STATE #001	Salt Water Disposal	Active	Spur Energy Partners LLC	State	10,520	[96101] SWD, DEVONIAN
30-015-25311	PAN CANADIAN B #003	Oil	Active	Spur Energy Partners LLC	Federal	2842	[55670] SEVEN RIVERS, YESO (ABOLISHED); [97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-28150	TACKITT AOT #001	Oil	Active	Silverback Operating II, LLC	Private	8,200	[15472] DAGGER DRAW, UPPER PENN, NORTH; [97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-28289	SOUTH BOYD 27 COM #004	Oil	Active	Spur Energy Partners LLC	Private	8,100	[15472] DAGGER DRAW, UPPER PENN, NORTH; [97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-28498	SOUTH BOYD 27 #003	Oil	Active	Spur Energy Partners LLC	Private	8,100	[15472] DAGGER DRAW, UPPER PENN, NORTH; [97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-28801	SOUTH BOYD 27 COM #005	Oil	Active	Spur Energy Partners LLC	State	7,975	[15472] DAGGER DRAW, UPPER PENN, NORTH; [97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-29010	SOUTH BOYD 27 COM #007	Oil	Active	Spur Energy Partners LLC	State	8,180	[15472] DAGGER DRAW, UPPER PENN, NORTH; [97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-29138	SOUTH BOYD 27 #008	Oil	Active	Spur Energy Partners LLC	Private	9,620	[15472] DAGGER DRAW, UPPER PENN, NORTH; [74635] CEMETARY, ATOKA, NORTH (GAS); [74640] CEMETARY, MORROW (GAS)
30-015-29489	HAWK 27 FEDERAL #001	Oil	Active	Spur Energy Partners LLC	Federal	9,580	[74640] CEMETARY, MORROW (GAS)
30-015-30793	SOUTH BOYD 27 #012	Oil	Active	Spur Energy Partners LLC	Private	8,019	[15472] DAGGER DRAW, UPPER PENN, NORTH; [74600] CEDAR LAKE, MORROW, NORTH (GAS); [97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-30817	SOUTH BOYD 27 #011	Oil	Active	Spur Energy Partners LLC	Private	8,100	[15472] DAGGER DRAW, UPPER PENN, NORTH; [97482] WC, GLORIETA-YESO; [97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-30869	SOUTH BOYD 27 #010H	Oil	Active	Spur Energy Partners LLC	State	8,175	[15472] DAGGER DRAW, UPPER PENN, NORTH; [97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-33949	PAN CANADIAN 34 FEDERAL #004	Gas	Active	Spur Energy Partners LLC	Federal	9,650	[74640] CEMETARY, MORROW (GAS)
30-015-39258	STATE B 33 DA #001H	Oil	Active	MEWBOURNE OIL CO	State	7,010	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-44685	SOUTH BOYD FEDERAL COM #018H	Oil	Active	Spur Energy Partners LLC	Federal	8,187	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-44686	SOUTH BOYD FEDERAL COM #019H	Oil	Active	Spur Energy Partners LLC	Federal	8,370	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-44723	SOUTH BOYD FEDERAL COM #020H	Oil	Active	Spur Energy Partners LLC	Federal	9,191	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-44880	SOUTH BOYD FEDERAL COM #013H	Oil	Active	Spur Energy Partners LLC	Federal	8,515	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-44881	SOUTH BOYD FEDERAL COM #014H	Oil	Active	Spur Energy Partners LLC	Federal	8,039	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-45669	LAKWOOD FEDERAL COM #004H	Oil	Active	Spur Energy Partners LLC	Federal	8,650	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-45676	LAKWOOD FEDERAL COM #008H	Oil	Active	Spur Energy Partners LLC	Federal	8,272	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-45678	LAKWOOD FEDERAL COM #010H	Oil	Active	Spur Energy Partners LLC	State	8,504	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-45679	LAKWOOD FEDERAL COM #021H	Oil	Active	Spur Energy Partners LLC	Federal	8,505	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-45680	LAKWOOD FEDERAL COM #020H	Oil	Active	Spur Energy Partners LLC	Federal	8,569	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-46064	LAKWOOD FEDERAL COM #015H	Oil	Active	Spur Energy Partners LLC	Federal	8,570	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-46068	LAKWOOD FEDERAL COM #019H	Oil	Active	Spur Energy Partners LLC	Federal	8,482	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-46122	LAKWOOD FEDERAL COM #014H	Oil	Active	Spur Energy Partners LLC	Federal	8,582	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-47910	LIVE OAK #050H	Oil	Active	Spur Energy Partners LLC	Private	8,936	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-47911	LIVE OAK #001H	Oil	Active	Spur Energy Partners LLC	Private	8,203	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-47915	LIVE OAK #020H	Oil	Active	Spur Energy Partners LLC	Private	8,490	[97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-28003	TACKITT AOT #002	Oil	Plugged (not released)	Silverback Operating II, LLC	Private	8,000	[15472] DAGGER DRAW, UPPER PENN, NORTH; [97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-21063	STATE B COM #001	Gas	Plugged (site released)	MEWBOURNE OIL CO	State	9,451	[15472] DAGGER DRAW, UPPER PENN, NORTH; [74720] CEMETARY, ATOKA, NORTH (GAS)
30-015-21478	NDUP UNIT #138	Gas	Plugged (site released)	EOG Y RESOURCES, INC.	State	9,410	[15472] DAGGER DRAW, UPPER PENN, NORTH; [74640] CEMETARY, MORROW (GAS)
30-015-22435	NDUP UNIT #114	Gas	Plugged (site released)	EOG Y RESOURCES, INC.	Federal	9,460	[15472] DAGGER DRAW, UPPER PENN, NORTH; [74635] CEMETARY, ATOKA, NORTH (GAS)
30-015-24568	SOUTH BOYD 27 #001	Gas	Plugged (site released)	NEARBURG PRODUCING CO	Private	9,555	[15471] DAG DRAW, UP PENN, EAST (ABOLISHED); [15472] DAGGER DRAW, UPPER PENN, NORTH; [74640] CEMETARY, MORROW (GAS)
30-015-28033	NDUP UNIT #115	Oil	Plugged (site released)	EOG Y RESOURCES, INC.	Private	8,200	[15472] DAGGER DRAW, UPPER PENN, NORTH
30-015-28053	NDUP UNIT #119	Gas	Plugged (site released)	EOG Y RESOURCES, INC.	State	8,220	[15472] DAGGER DRAW, UPPER PENN, NORTH; [97565] N. SEVEN RIVERS, GLORIETA-YESO
30-015-28372	NDUP UNIT #139	Oil	Plugged (site released)	EOG Y RESOURCES, INC.	Private	8,200	[15472] DAGGER DRAW, UPPER PENN, NORTH
30-015-28415	NDUP UNIT #116H	Oil	Plugged (site released)	EOG Y RESOURCES, INC.	Private	8,612	[15472] DAGGER DRAW, UPPER PENN, NORTH
30-015-28717	STATE B #003	Oil	Plugged (site released)	MEWBOURNE OIL CO	State	7,950	[15472] DAGGER DRAW, UPPER PENN, NORTH



In my review of the drilling, completion, recompletion(s) and abandonment records, 10 of the 40 wellbores appear to have all been properly Plugged & Abandoned per NMOCD regulations. And, in my opinion, they present a very low risk for damage or to act as conduits for hydraulic fracturing fluids.

Spur, with experience drilling and completing over 150 Yeso laterals, has detailed operational policies in place to ensure the remaining active wells (28 of the remaining 30 active wells operated by Spur) are secured prior to commencing fracturing operations. Each HSU has an independent risk assessment that determines necessary pre-operational work to each of the operated wellbores, including, but not limited to, shutting-in producing wells, stacking out rod pumped wells and setting bridge plugs in wells. Once the wells are deemed secure, Spur has a final sign off completed by senior field staff. During completion operations, the wells in the immediate vicinity are checked at a minimum of two times per day (morning and evening) with their applicable pressures monitored and recorded. Spur also provides 30-day email notice prior to commencement of hydraulic fracturing operations to offset operators that have wellbores within a 2 mile radius of a proposed HSU.

Based on the above information, it is my opinion that Spur's proposed development poses a low risk for damage to existing wellbores and reduced risk of existing wellbores providing migration pathway for fluids.

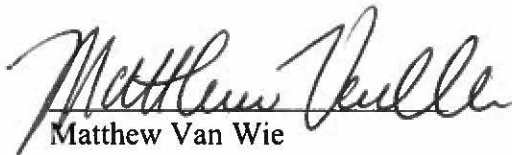
9. There is no identified preferred orientation for exploitation in this portion of the Northwest shelf based on stress orientation or production data. Thus, the laydown orientation is appropriate to properly develop this acreage in a manner that is consistent with Spur's ownership interest and offsetting development.

10. Based on my geologic study of the area, the targeted intervals underlying the Unit are suitable for development by horizontal wells and the tracts comprising the Unit will contribute more or less equally to the production of the Wells.

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

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

13. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony 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.

  
Matthew Van Wie

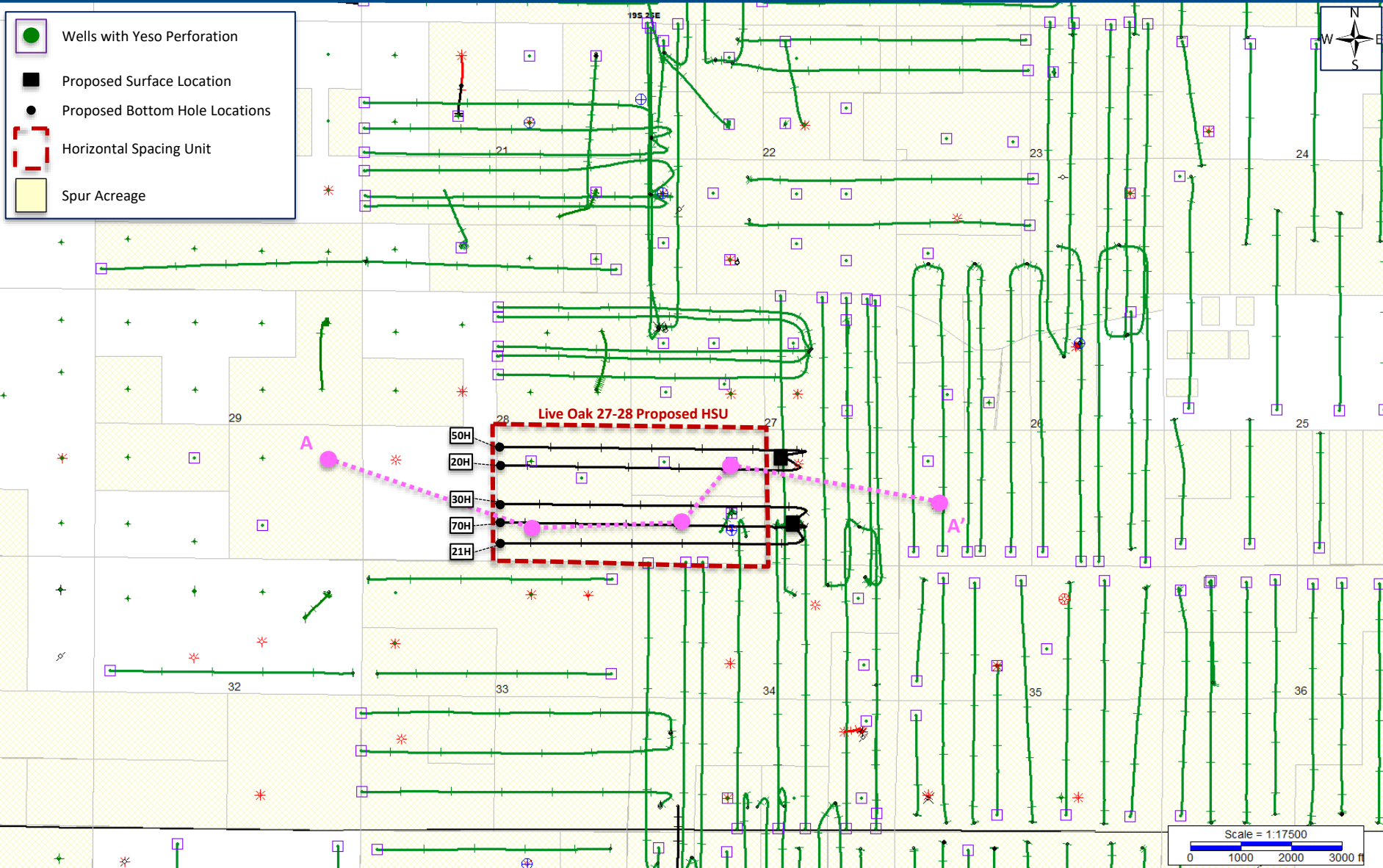
5/31/2024  
Date

# Exhibit B-1. Live Oak 27-28 State Com HSU Basemap

(Case No. 24121)

Spur Energy Partners, LLC, Case No. 24121, Exhibit B-1

- Wells with Yeso Perforation
- Proposed Surface Location
- Proposed Bottom Hole Locations
- Horizontal Spacing Unit
- Spur Acreage

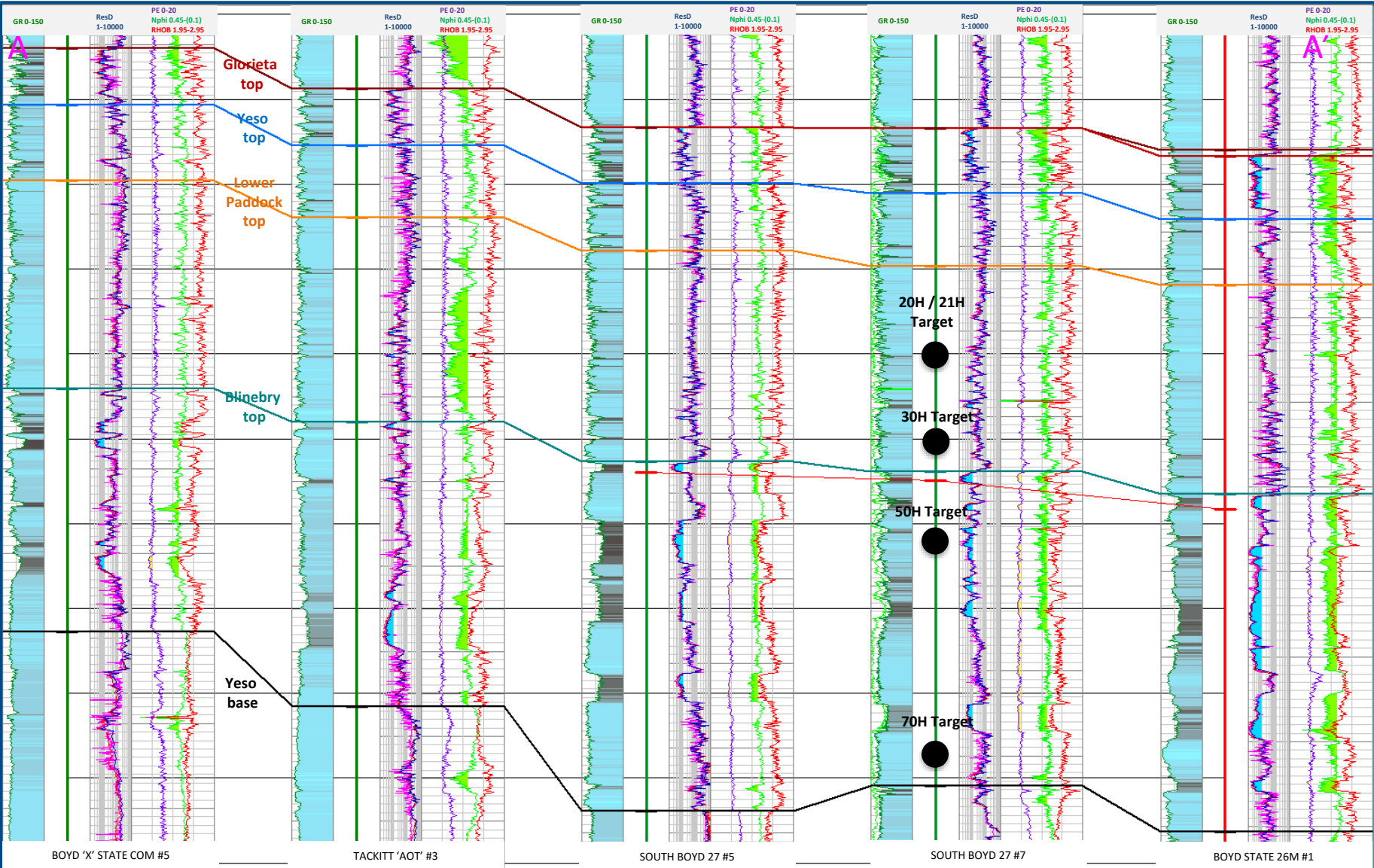




# Exhibit B-3. Structural Cross Section A – A' (TVD)

(Case No. 24121)

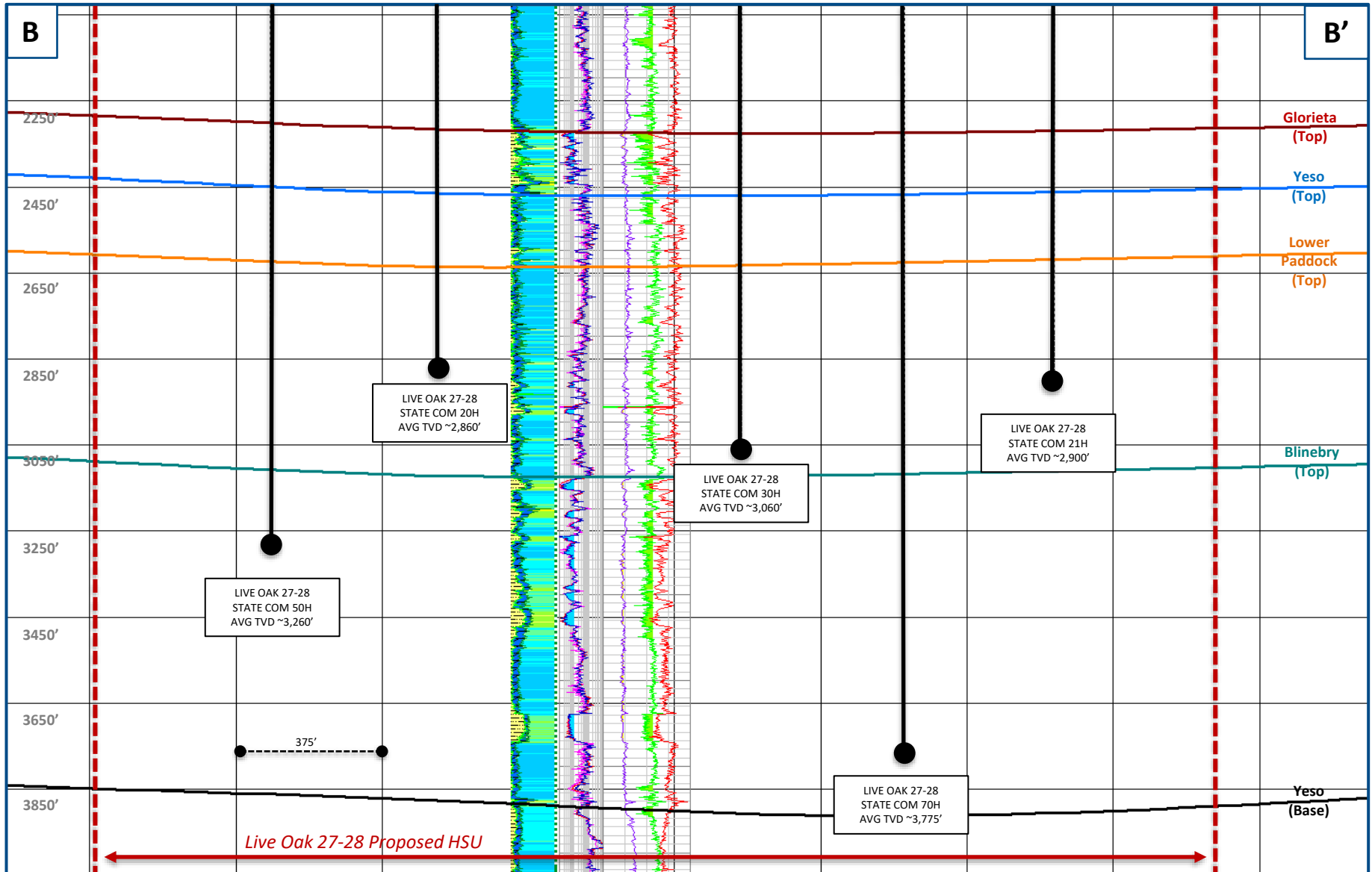
Spur Energy Partners, LLC, Case No. 24121, Exhibit B-3



# Exhibit B-4. Live Oak 27-28 Gun Barrel B – B' (TVD)

(Case No. 24121)

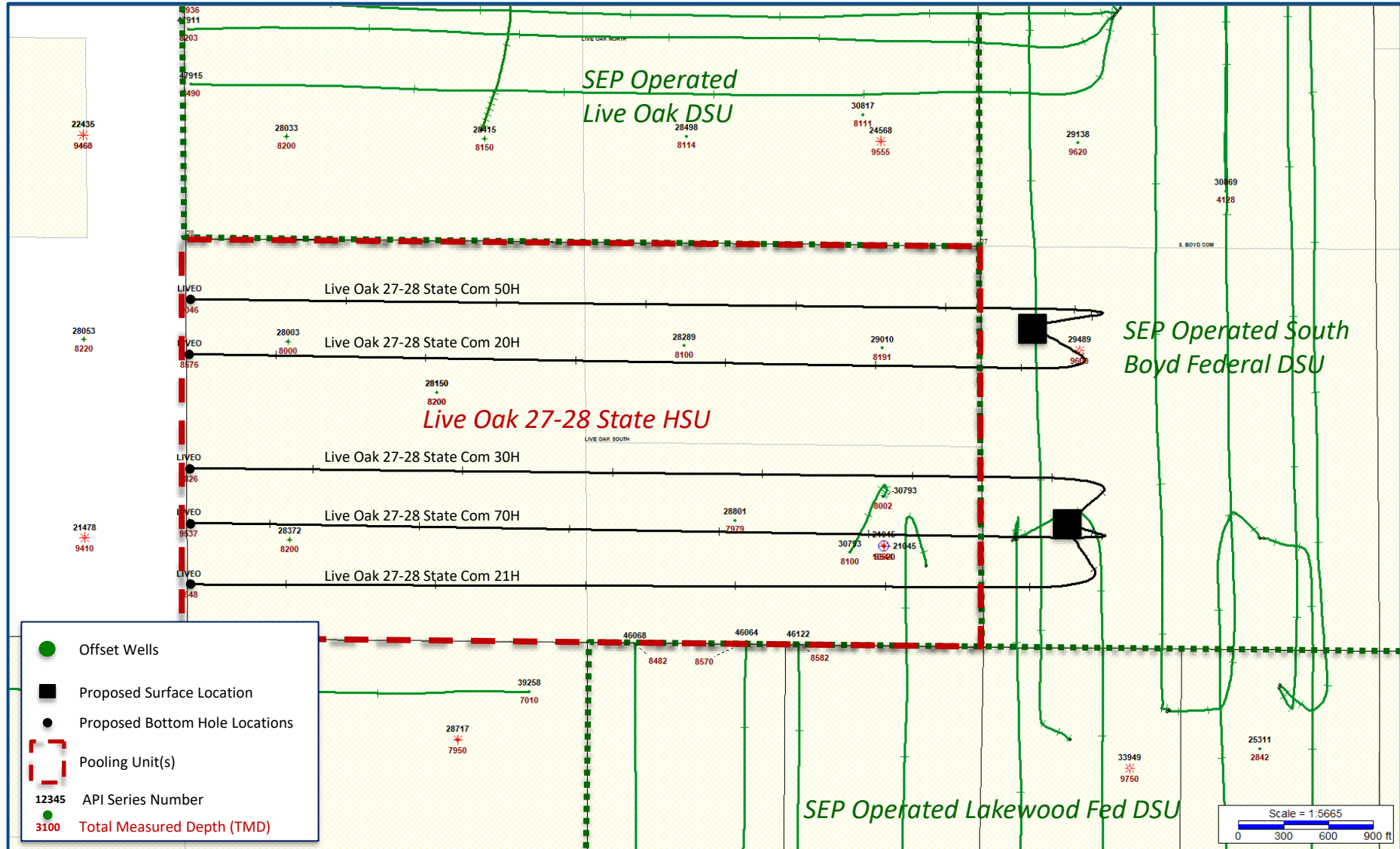
Spur Energy Partners, LLC, Case No. 24121, Exhibit B-4



# Exhibit B-5. Live Oak 27-28 State Com HSU Basemap

(Case No. 24121)

Spur Energy Partners, LLC, Case No. 24121, Exhibit B-5



**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. 24121**

**SELF-AFFIRMED STATEMENT  
OF DANA S. HARDY**

1. I am attorney in fact and authorized representative of Spur Energy Partners LLC, the Applicant herein.

2. I am familiar with the Notice Letters attached as **Exhibit C-1** and caused each Notice Letter, along with the Application in this case, to be sent to the parties set out in the chart attached as **Exhibit C-2**.

3. Exhibit C-2 also provides the date each Notice Letter was sent and the date each return was received.

4. Copies of the certified mail green cards and white slips are attached as **Exhibit C-3** as supporting documentation for proof of mailing and the information provided on Exhibit C-2.

5. On January 14, 2024, I caused a notice to be published to all interested parties in the Carlsbad Current Argus. An Affidavit of Publication from the Legal Clerk of the Carlsbad Current Argus, along with a copy of the notice publication, is attached as **Exhibit C-4**.

6. I understand this Self-Affirmed Statement will be used as written testimony in the subject cases. I affirm that my testimony above is true and correct and it 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.

/s/ Dana S. Hardy  
Dana S. Hardy

March 02, 2024  
Date

**Spur Energy Partners LLC  
Case No. 24121  
Exhibit C**





hinklelawfirm.com

# HINKLE SHANOR LLP

ATTORNEYS AT LAW

P.O. BOX 2068

SANTA FE, NEW MEXICO 87504

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

WRITER:  
Dana S. Hardy, Partner  
dhardy@hinklelawfirm.com

January 9, 2024

**VIA CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

**TO ALL PARTIES ENTITLED TO NOTICE**

**Re: Case No. 24121 – 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 the enclosed application was filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **February 1, 2024**, beginning at 8:15 a.m.

The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate virtually, 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 submitted through the OCD E-Permitting system (<https://wwwapps.emnrd.nm.gov/oed/oedpermitting/>) or via e-mail to [oed.hearings@emnrd.nm.gov](mailto:oed.hearings@emnrd.nm.gov) 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 contact Scott Hartman, Senior Landman for Spur Energy Partners LLC, by phone at (832) 930-8616 if you have questions regarding this matter.

Sincerely,

/s/ Dana S. Hardy

Dana S. Hardy

**Spur Energy Partners LLC**

**Case No. 24121**

**Exhibit C-1**

Enclosure

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

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

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

**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. 24121**

**NOTICE LETTER CHART**

<b>PARTY</b>	<b>NOTICE LETTER SENT</b>	<b>RETURN RECEIVED</b>
Foran Oil Corporation 5400 LBJ Fwy., Ste. 1500 Dallas, TX 75240	01/09/24	01/16/24
Langdale Corporation P.O. Box 3189 Palos Verdes, CA 90274	01/09/24	01/22/24
OXY USA, Inc. 5 Greenway Plaza, Ste. 110 Houston, TX 77046	01/09/24	01/26/24
Silverback New Mexico, LLC 19707 IH 10 West, Ste. 201 San Antonio, TX 78257	01/09/24	01/22/24
Westlake Producing Company 590 Cricketfield Ct. Lake Sherwood, CA 91361	01/09/24	01/22/24

**Spur Energy Partners LLC  
Case No. 24121  
Exhibit C-2**

**U.S. Postal Service™  
CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To

Foran Oil Corporation  
5400 LBJ Fwy., Ste. 1500  
Dallas, TX 75240

24121 - Spur Live Oak

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

SANTA FE, NM 87501  
JAN 09 2024  
Postmark Here

9589 0710 5270 0725 3411 88

**SENDER: COMPLETE THIS SECTION**

■ 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.

1. Article Addressed to:

Foran Oil Corporation  
5400 LBJ Fwy., Ste. 1500  
Dallas, TX 75240

24121 - Spur Live Oak

9590 9402 8595 3244 3765 25

2. Article Number (Transfer from service label)  
 9589 0710 5270 0725 3411 88

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 Agent  
 Addressee

B. Received by (Printed Name)  
 C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

**RECEIVED**  
 JAN 16 2024

3. Service Type  Certified Mail®  Priority Mail Express®  
 Adult Signature Restricted Delivery  Registered Mail™  
 Adult Signature Restricted Delivery  Registered Mail Restricted Delivery  
 Certified Mail®  Signature Confirmation™  
 Certified Mail Restricted Delivery  Signature Confirmation Restricted Delivery  
 Collect on Delivery  Signature Confirmation Restricted Delivery  
 Collect on Delivery Restricted Delivery  Insured Mail  
 Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt

Spur Energy Partners LLC  
Case No. 24121  
Exhibit C-3

9589 0710 5270 0725 3410 89

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
 Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ \_\_\_\_\_

Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

Total Postage and Fees \$ \_\_\_\_\_

Sent To \_\_\_\_\_

Street Langdale Corporation  
 P.O. Box 3189  
 City Palos Verdes, CA 90274  
 24121 - Spur Live Oak

PS Form 3800, January 2023 PSN 7530-02-000-8047 See Reverse for Instructions



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>[Signature]</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 style="text-align: center;"><b>RECEIVED</b></p> <p style="text-align: center;">JAN 22 2024</p>
<p>1. Article Addressed to:</p> <p>Langdale Corporation          P.O. Box 3189          Palos Verdes, CA 90274          24121 - Spur Live Oak</p> <p>9590 9402 8595 3244 3765 18</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 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 <input type="checkbox"/> 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>9589 0710 5270 0725 3410 89</p>	<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>

9589 0710 5270 0725 3410 96

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**OFFICIAL USE**

Certified Mail Fee \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ \_\_\_\_\_

Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

Total Postage and Fees \$ \_\_\_\_\_

Sent To

OXY USA, Inc.  
 5 Greenway Plaza, Ste. 110  
 Houston, TX 77046

24121 - Spur Live Oak

Postmark Here  
 SANTA, FE, NM 87501  
 JAN 09 2024  
 USPS

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature   <input checked="" type="checkbox"/> Agent  <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <span style="float: right;">C. Date of Delivery</span>   <span style="float: right;">1/20/24</span></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 style="text-align: center; font-size: 2em; font-weight: bold;">RECEIVED</p> <p style="text-align: center; font-size: 1.2em;">JAN 26 2024</p>
<p>1. Article Addressed to:</p> <p>OXY USA, Inc.          5 Greenway Plaza, Ste. 110          Houston, TX 77046</p> <p style="text-align: right;">24121 - Spur Live Oak</p>  <p style="text-align: center;">9590 9402 8595 3244 3765 01</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 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>9589 0710 5270 0725 3410 96</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>

9589 0710 5270 0725 3411 02

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For delivery information, visit our website at [www.usps.com](http://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	\$

Sender	Silverback New Mexico, LLC
Street	19707 IH 10 West, Ste. 201
City	San Antonio, TX 78257
	24121 - Spur Live Oak



PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

**SENDER: COMPLETE THIS SECTION**

- 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.

1. Article Addressed to:

Silverback New Mexico, LLC  
19707 IH 10 West, Ste. 201  
San Antonio, TX 78257

24121 - Spur Live Oak



9590 9402 8595 3244 3764 95

2. Article Number (Transfer from service label)

9589 0710 5270 0725 3411 02

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
 Addressee

B. Received by (Printed Name) C. Date of Delivery

Teriana Tafeta

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

**RECEIVED**

JAN 22 2024

3. Service Type  Hinkle Shanor LLC  
 Adult Signature  Priority Mail Express®  
 Adult Signature Restricted Delivery  Registered Mail™  
 Certified Mail®  Registered Mail Restricted Delivery  
 Certified Mail Restricted Delivery  Signature Confirmation™  
 Collect on Delivery  Signature Confirmation Restricted Delivery  
 Collect on Delivery Restricted Delivery  
 Insured Mail  
 Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt

9589 0710 5270 0725 3411 19

U.S. Postal Service™  
CERTIFIED MAIL® RECEIPT  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

Certified Mail Fee

\$

Extra Services & Fees (check box, add fee as appropriate)

- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Westlake Producing Company  
590 Cricketfield Ct.  
Lake Sherwood, CA 91361  
24121 - Spur Live Oak



PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- 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.

1. Article Addressed to:

Westlake Producing Company  
590 Cricketfield Ct.  
Lake Sherwood, CA 91361

24121 - Spur Live Oak



9590 9402 8595 3244 3764 88

2. Article Number (Transfer from service label)

9589 0710 5270 0725 3411 19

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

RECEIVED

JAN 22 2024

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Hinkle Shanor LLC  
Santa Fe, NM 87504

Domestic Return Receipt

# Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

## Affidavit of Publication

Ad # 0005873309

This is not an invoice

**HINKLE SHANOR, LLP**  
POBOX 2068

**SANTA FE, NM 87504**

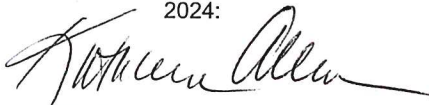
I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements 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:

01/14/2024



Legal Clerk

Subscribed and sworn before me this January 14, 2024:



State of WI, County of Brown  
NOTARY PUBLIC

1-7-25

My commission expires

**KATHLEEN ALLEN**  
Notary Public  
State of Wisconsin

Ad # 0005873309  
PO #:  
# of Affidavits 1

This is not an invoice

This is to notify all interested parties, including Foran Oil Corporation; Langdale Corporation; OXY USA, Inc.; Silverback New Mexico, LLC; Westlake Producing Company; 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. 24121). The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate virtually, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/ocd/hearing-info/>. Spur Energy Partners LLC ("Applicant") seeks an order pooling all uncommitted interests in the Yeso formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the SW/4 of Section 27 and the SE/4 of Section 28, Township 19 South, Range 25 East, Eddy County, New Mexico ("Unit"). Applicant seeks to dedicate the Unit to the following proposed wells ("Wells"): the Live Oak 27-28 State Com 20H and Live Oak 27-28 State Com 50H wells, to be drilled from surface hole locations in the NW/4 SE/4 (Unit J) of Section 27 to bottom hole locations in the NW/4 SE/4 (Unit J) of Section 28; and Live Oak 27-28 State Com 21H, Live Oak 27-28 State Com 30H, and Live Oak 27-28 State Com 70H wells, to be drilled from surface hole locations in the SW/4 SE/4 (Unit O) of Section 27 to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 28. The completed intervals of the wells will be orthodox. The completed interval of the Live Oak 27-28 State Com 30H well will be located within 330' of the quarter-quarter section line separating the N/2 S/2 and S/2 S/2 of Sections 27 and 28 to allow for the creation of a 320-acre standard horizontal spacing unit. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs, the designation of Applicant 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 14.78 miles South and 4.26 miles West of Artesia, New Mexico.  
#5873309, Current Argus, January 14, 2024

**Spur Energy Partners LLC**  
Case No. 24121  
Exhibit C-4