



**Aid North 10H-12H, 50H Wells
Case No. 21733**

**Longfellow - Hendrix
001H-0005H Wells
Case No. 21651
NMOCD Exhibits**

Hearing Date: June 17th, 2021

**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. 21733

**APPLICATION OF LONGFELLOW ENERGY, LP
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO.**

CASE NO. 2165

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

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

CASE NO. 21733

APPLICATION

Spur Energy Partners, LLC (“Spur” or “Applicant”) (OGRID No. 338479) through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Yeso formation, underlying a standard 480-acre horizontal spacing unit comprised of the N/2 of Section 13, and the NE/4 of Section 14, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. In support of its application, Spur states:

1. An affiliate entity of Spur is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
2. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the following proposed initial wells:
 - The **Aid North #10H well**, and the **Aid North #50H**, each of which will be horizontally drilled from a common surface location in the NW/4 NE/4 (Unit B) of Section 14, to bottom hole locations in the NE/4 NE/4 (Unit A) of Section 13;
 - The **Aid North #11H well**, the **Aid North #12H well**, the **Aid North #51H well**, and the **Aid North #70H well** each of which will be horizontally drilled from a common surface location in the NW/4 NE/4 (Unit B) of Section 14 to bottom hole locations in the SE/4 NE/4 (Unit H) of Section 13.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. A
Submitted by: Spur Energy Partners, LLC
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3. The completed interval of the **Aid North #11H well** will remain within 330 feet of the quarter-quarter line separating the N/2 N/2 from the S/2 N/2 of Section 13 and the N/2 NE/4 from the S/2 SE/4 of Section 14 to allow inclusion of these proximity tracts into a standard horizontal spacing unit.

4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all of the interest owners in the subject spacing unit.

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

6. In order to permit Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this horizontal spacing unit should be pooled, and Applicant should be designated the operator of the proposed horizontal spacing unit and the proposed initial wells.

7. The pooling requested in this case competes with the *Application of Longfellow Energy, LP for Compulsory Pooling, Eddy County, New Mexico*, in Case No. 21651, which is currently set on the March 4, 2021 docket.

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

- A. Pooling all uncommitted interests in the horizontal spacing unit in the Yeso formation and approving the initial wells thereon;
- B. Designating Applicant as operator of this spacing unit and the horizontal wells to be drilled thereon;

- C. Authorizing Applicant to recover its costs of drilling, equipping, and completing the wells;
- D. 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
- E. Imposing a 200% charge 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,

HOLLAND & HART LLP

By: 

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ATTORNEYS FOR SPUR ENERGY PARTNERS, LLC

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

Case: 21733	APPLICANT'S RESPONSE
Date	June 17, 2021
Applicant	Spur Energy Partners, LLC
Designated Operator & OGRID (affiliation if applicable)	338479
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF SPUR ENERGY PARTNERS, LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	Longfellow Energy, LLC ConocoPhillips Company
Well Family	Aid North #10H, #11H, #12H, #50H, #51H, #70H
Formation/Pool	
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:	Empire; Glorieta-Yeso Pool [Pool Code 96210]
Well Location Setback Rules:	Statewide Setbacks for Oil
Spacing Unit Size:	480 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	480 acres
Building Blocks:	40 acres
Orientation:	West-East
Description: TRS/County	N/2 of Section 13, and the NE/4 of Section 14, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	Yes; The completed interval of the Aid North #11H well will remain within 330 feet of the quarter-quarter line separating the N/2 N/2 from the S/2 N/2 of Section 13 and the N/2 NE/4 from the S/2 SE/4 of Section 14 to allow inclusion of these proximity tracts into a standard horizontal spacing unit.
Proximity Defining Well: if yes, description	Aid North #11H well; Exhibit C-2
Applicant's Ownership in Each Tract	Exhibit C-4
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed

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Well #1	<p>Aid North #10H (API PENDING) SHL: 860 feet FNL and 2,400 feet FEL (Unit B) of Section 14, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. BHL: 330 feet FNL and 100 feet FEL (Unit A) of Section 13, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. Yeso Formation West-East Standard Location</p>
Well #2	<p>Aid North #11H (API Pending) SHL: 900 feet FNL and 2,400 feet FEL (Unit B) of Section 14, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. BHL: 1,220 feet FNL and 100 feet FEL (Unit H) of Section 13, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. Yeso Formation West-East Standard Location</p>
Well #3	<p>Aid North #12H (API Pending) SHL: 2,370 feet FNL and 2,400 feet FEL (Unit G) of Section 14, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. BHL: 2,110 feet FNL and 100 feet FEL (Unit H) of Section 13, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. Yeso Formation West-East Standard Location</p>
Well #4	<p>Aid North #50H (API Pending) SHL: 880 feet FNL and 2,400 feet FEL (Unit B) of Section 14, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. BHL: 430 feet FNL and 100 feet FEL (Unit A) of Section 13, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. Yeso Formation West-East Standard Location</p>
Well #5	<p>Aid North #51H (API Pending) SHL: 2,390 feet FNL and 2,400 feet FEL (Unit G) of Section 14, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. BHL: 2,300 feet FNL and 100 feet FEL (Unit H) of Section 13, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. Yeso Formation West-East Standard Location</p>
Well #6	<p>Aid North #70H (API Pending) SHL: 920 feet FNL and 2,400 feet FEL (Unit B) of Section 14, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. BHL: 1,365 feet FNL and 100 feet FEL (Unit H) of Section 13, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. Yeso Formation West-East Standard Location</p>
Horizontal Well First and Last Take Points	Exhibit C-2
Completion Target (Formation, TVD and MD)	Exhibit D-4

AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$7,000
Production Supervision/Month \$	\$700
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit F
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-4
Tract List (including lease numbers and owners)	Exhibit C-4
Pooled Parties (including ownership type)	Exhibit C-4
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-5
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-4
Chronology of Contact with Non-Joined Working Interests	Exhibit C-6
Overhead Rates In Proposal Letter	Exhibit C-5
Cost Estimate to Drill and Complete	Exhibit C-5
Cost Estimate to Equip Well	Exhibit C-5
Cost Estimate for Production Facilities	Exhibit C-5
Geology	
Summary (including special considerations)	Exhibit D
Spacing Unit Schematic	Exhibit D-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit D-5
Well Orientation (with rationale)	Exhibit D
Target Formation	Exhibit D-4
HSU Cross Section	Exhibit D-4
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit C-2
Tracts	Exhibit C-4
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-4
General Location Map (including basin)	Exhibit C-3
Well Bore Location Map	Exhibit D-2
Structure Contour Map - Subsea Depth	Exhibit D-3
Cross Section Location Map (including wells)	Exhibit D-3
Cross Section (including Landing Zone)	Exhibit D-4
Additional Information	
Special Provisions/Stipulations	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	
Date:	17-Jun-21

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

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CASE NO. 21733

APPLICATION OF LONGFELLOW
ENERGY, LP FOR COMPULSORY
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CASE NO. 21651

AFFIDAVIT OF PAUL R. ESCHETE

Paul R. Eschete, of lawful age and being first duly sworn, declares as follows:

1. My name is Paul R. Eschete. I work for Spur Energy Partners LLC (“Spur”) as Executive Vice President - Land.

2. I have not previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters. I graduated from the University of Southwestern Louisiana with a B.S. in Professional Land and Resource Management (PLRM) in 1995. Since 2019, I have worked with Spur as Executive Vice President - Land. Prior to joining Spur, I worked for twenty-six (26) years as a petroleum landman at WildHorse Resources/WRD (11 years), Anadarko/Kerr McGee (3 years), El Paso Production (5 years), Phillips Petroleum (5 years) and with UNOCAL and as an independent landman while attending school (2 years). I am a member of AAPL (American Association of Petroleum Landmen/served as NGL chairman), IPANM (Independent Petroleum Association New Mexico) and NMOGA (New Mexico Oil and Gas Association).

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C
Submitted by: Spur Energy Partners, LLC
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3. **Spur Exhibit C-1** is a copy of my resume reflecting my education and experience in petroleum land matters. I seek to have my credentials accepted by the Division as an expert in petroleum land matters.

4. I am familiar with the application filed by Spur in this case and the lands involved.

5. In these consolidated cases, Spur seeks an order pooling all uncommitted interests in the Yeso formation, underlying a standard 480-acre horizontal spacing unit comprised of the N/2 of Section 13, and the NE/4 of Section 14, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico.

6. Spur intends to dedicate this standard horizontal spacing unit to the following proposed initial wells to be drilled from two well pads:

- The **Aid North #10H well**, to be horizontally drilled from an approximate surface location 860 feet FNL and 2,400 feet FEL (Unit B) of Section 14, to a bottom hole location 330 feet FNL and 100 feet FEL (Unit A) of Section 13, with a total vertical depth of approximately 4,065 feet.
- The **Aid North #11H well**, to be horizontally drilled from an approximate surface location 900 feet FNL and 2,400 feet FEL (Unit B) of Section 14, to a bottom hole location 1,220 feet FNL and 100 feet FEL (Unit H) of Section 13, with a total vertical depth of approximately 4,065 feet.
- The **Aid North #12H well**, to be horizontally drilled from an approximate surface location 2,370 feet FNL and 2,400 feet FEL (Unit G) of Section 14, to a bottom hole location 2,110 feet FNL and 100 feet FEL (Unit H) of Section 13, with a total vertical depth of approximately 4,065 feet.

- The **Aid North #50H well**, to be horizontally drilled from an approximate surface location 880 feet FNL and 2,400 feet FEL (Unit B) of Section 14, to a bottom hole location 430 feet FNL and 100 feet FEL (Unit A) of Section 13, with a total vertical depth of approximately 4,430 feet.
- The **Aid North #51H well**, to be horizontally drilled from an approximate surface location 2,390 feet FNL and 2,400 feet FEL (Unit G) of Section 14, to a bottom hole location 2,300 feet FNL and 100 feet FEL (Unit H) of Section 13, with a total vertical depth of approximately 4,430 feet.
- The **Aid North #70H well**, to be horizontally drilled from an approximate surface location 920 feet FNL and 2,400 feet FEL (Unit B) of Section 14, to a bottom hole location 1,365 feet FNL and 100 feet FEL (Unit H) of Section 13, with a total vertical depth of approximately 4,645 feet.

7. The completed interval of the **Aid North #11H well** will remain within 330 feet of the quarter-quarter line separating the N/2 N/2 from the S/2 N/2 of Section 13 and the N/2 NE/4 from the S/2 SE/4 of Section 14 to allow inclusion of these proximity tracts into a standard horizontal spacing unit.

8. **Spur Exhibit C-2** contains updated Form C-102's for each well in this standard spacing unit, with updated surface locations, and reflect that these wells are assigned to the Empire; Glorieta-Yeso Pool [Pool Code 96210]. These forms demonstrate that the completed interval for each well comply with standard setbacks for oil wells.

9. **Spur Exhibit C-3** contains a general location map that outlines the proposed spacing that is comprised of fee and state lands. There are no ownership depth severances in the Yeso formation underlying the subject acreage.

10. **Spur Exhibit C-4** contains a plat outlining the unit being pooled, identifies the tracts of land comprising the proposed spacing unit, and identifies the working interests in each tract and their interest in the horizontal spacing unit. Spur has highlighted the “uncommitted” interest owners that remain to be pooled in this case. There are no unleased tracts in the proposed unit. Overriding royalty interest owners Spur seeks to pool are identified, as well.

11. As reflected in **Spur Exhibit C-4**, Spur controls approximately 46.25% of the working interest in the proposed 480-acre standard horizontal spacing unit. Spur seeks to pool the minority working interest held by Longfellow Energy in the proposed spacing, along with the other remaining uncommitted interests identified in Spur Exhibit C-4.

12. **Spur Exhibit C-5** contains a sample of the well proposal letters and AFEs sent to the working interest owners for the proposed wells. The estimated costs reflected on the AFE are consistent with what Spur and other operators have incurred for drilling similar horizontal wells in the Yeso formation in this area and are significantly less than Longfellow Energy’s estimated costs to develop the acreage.

13. In addition to sending these well proposal letters, the uncommitted parties have been contacted regarding the proposed wells but have yet to voluntarily commit their interests to the proposed spacing unit. **Spur Exhibit C-6** contains a succinct and accurate chronology of the contacts with the working interest owners that Spur seeks to pool. I also note the following with respect to these events:

- a. January – September 2020:, Spur began planning to develop its acreage in the N/2 of Section 14 in Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico, to protect its ability to operate its majority working interest following receipt of Longfellow’s well proposals for development of the S/2 of Section 14.

b. November 30, 2020: Longfellow Energy sent a well proposal for five horizontal wells that would be dedicated to a proposed 480-acre spacing unit comprised of the N/2 of Section 13, and the NE/4 of Section 14, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico, in which Longfellow Energy is a minority working interest owner.

c. December 2020: Spur finalized its title work and well plans for development of six proposed wells in the NE/4 of Section 14 and the N/2 of Section 13.

d. January 4, 2021: Spur issued its well proposal and a proposed joint operating agreement.

e. January 12, 2021: Spur followed up on its well proposal letter to Longfellow Energy to explain that it had been planning to develop the subject acreage prior to receiving Longfellow Energy's well proposal to protect its acreage position and develop acreage in which it is a majority working interest owner.

f. January 29, 2021: Longfellow Energy made a trade offer to Spur, but the proposed acreage was not of comparable quality. Spur rejected the offer.

g. February 1, 2021 – February 5, 2021: Spur proposed a counteroffer to Longfellow Energy, but Longfellow Energy rejected it. Spur and Longfellow Energy discussed general concepts for a trade, but no agreement was reached.

h. May 5, 2021 – May 7, 2021: Spur contacted Longfellow Energy to discuss potential trade options. Spur proposed to continue the hearing on the competing pooling cases in an effort to reach a trade agreement. Longfellow Energy did not initially respond.

i. May 11, 2021: Spur proposed another trade option to Longfellow Energy and to continue the hearing on the competing pooling cases to reach a trade agreement.

k. May 12, 2021: Longfellow Energy agreed to a continuance to the June 17, 2021 hearing date.

l. May 14, 2021: Spur re-sends trade proposal with an offer to meet in Dallas to discuss the trade in detail.

m. May 17, 2021: Spur and Longfellow schedule a call for Wednesday, May 20.

n. May 18, 2021: Spur sent updated well proposals, updating well and surface hole locations for its proposed well development.

o. May 20, 2021: Spur and Longfellow discuss trade proposal. Longfellow states it will send a counter proposal.

p. June 2, 2021: Spur reaches out to Longfellow to check on the status of the trade proposal. Longfellow stated it was busy with its frac so would respond over the next few weeks.

q. June 7, 2021: Spur calls Longfellow to check on the status of the trade. Longfellow stated it would provide a counter proposal within the next day or two.

r. June 8, 2021: Longfellow sends Spur trade proposal.

s. June 9, 2021: Longfellow pulls the trade proposal; SEP calls Longfellow to discuss the current status of the trade.

14. In my opinion, Spur has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.

15. Spur requests overhead and administrative rates of \$7,000 per month for drilling and \$700 per month for a producing well. These rates are consistent with the rates charged by Spur and other operators for wells of this type in this area of southeastern New Mexico. On the other hand, Longfellow Energy proposes overhead and administrative rates of \$8000 per month drilling and \$800 per month for a producing well.

16. I have provided the law firm of Holland and Hart, LLP, with the names and addresses of the mineral owners that Spur seeks to pool. In compiling these addresses, I conducted a diligent search of the public records in Eddy County, New Mexico, where the wells are located, phone directories and conducted computer searches to locate contact information for these parties. All parties were locatable.

17. **Spur Exhibits C-1 through C-6** were prepared by me or compiled under my direction from Spur's company business records.

FURTHER AFFIANT SAYETH NAUGHT.

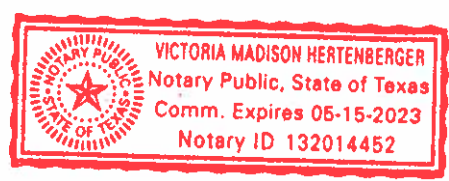
Paul R. Eschete
PAUL R. ESCHETE

STATE OF TEXAS)
)
COUNTY OF HARRIS)

SUBSCRIBED and SWORN to before me this 10th day of June 2021 by Paul R. Eschete.

N. [Signature]
NOTARY PUBLIC

My Commission Expires:
05-15-2023



**PAUL R. ESCHETE, CPL
11702 MONICA LANE
HOUSTON, TEXAS 77024
(832) 296-9075**

- SUMMARY:**
- * Twenty-eight years of experience with negotiations, lease management and acquisitions
 - * Responsible for all Land related activities and personnel for over thirteen years
 - * Closed over \$3.5 B in acquisitions since 2008
 - * Bachelor of Science in Business with a Concentration in Land Management
- EXPERIENCE:**
- SPUR Energy Partners LLC**, Houston, Texas 2019 - Present
- Executive VP Land - Responsible for all Land related activities and personnel
 - Performed due diligence, closed, and integrated four deals totaling \$1.3 B
 - Manage +2,000 Operated Wells, +1,000 Non-Operated Wells and +100K Acres
- WildHorse Resources LLC/WRD**, Houston, Texas 2008 - 2019
- Senior VP Land - Responsible for all Land related activities and personnel
 - Part of management team that IPO'ed a \$3 B company (WRD)
 - Negotiated, performed due diligence, closed, and integrated thirty-seven deals totaling \$2.2 B
- Anadarko/Kerr-McGee Oil and Gas Corporation**, Houston, Texas 2005 - 2008
- Performed all aspect for Land functions associated with the exploration and development of East Texas projects
 - Managed the promotion of Wilcox Drilling program to increase regions budget by 25%
 - Coordinated acquisitions of interest in core assets located within area of responsibility
- El Paso Production Company**, Houston, Texas 2000 - 2005
- Coordinated a 780 square mile South Louisiana 3-D lease option seismic shoot
 - Accountable for Land responsibilities associated with demanding drilling schedule
 - Implemented acreage acquisitions and trade initiatives
- Phillips Petroleum Company**, Houston, Texas 1995 - 2000
- Responsible for regional Land functions for Louisiana, Arkansas, and Oklahoma
 - Managed and negotiated terms of trades for exploitation and development projects
 - Participated in several multimillion-dollar acquisitions and divestitures
- Unocal Corporation/Independent Landman**, Lafayette, Louisiana 1993 - 1995
- Leased and optioned acreage throughout Louisiana and Gulf Coast Texas
 - Research at Louisiana Department of Conservation, numerous Parish and County Courthouses and Tax Assessor's Offices
 - Managed several 3-D seismic permit acquisition projects
- EDUCATION:**
- The University of Southwestern Louisiana**, Lafayette, Louisiana
B. S. in Professional Land and Resource Management (*PLRM*), Spring 1995
- ORGANIZATIONS:**
- AAPL (served as NGL chairman), IPANM (Independent Petroleum Association New Mexico) and NMOGA (New Mexico Oil and Gas Association)

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

Santa Fe, New Mexico
Exhibit No. 2
Submitted by: Spur Energy Partners, LLC
Hearing Date: June 17, 2021
Case No. 21733

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name AID NORTH		6 Well Number 10H	
7 OGRID NO.		8 Operator Name SPUR ENERGY PARTNERS LLC.		9 Elevation 3603'	

10 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	14	17S	28E		860	NORTH	2400	EAST	EDDY

11 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
A	13	17S	28E		330	NORTH	100	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <p><u>GEODETTIC DATA</u> NAD 83 GRID - NM EAST</p> <p><u>SURFACE LOCATION (SL)</u> N: 669436.5 - E: 598741.6</p> <p>LAT: 32.8401667° N LONG: 104.1464275° W</p> <p><u>FIRST TAKE POINT (FTP)</u> 330' FNL & 2512' FEL SEC. 14 N: 669955.6 - E: 598618.0</p> <p>LAT: 32.8415941° N LONG: 104.1468270° W</p> <p><u>BOTTOM HOLE (BH)</u> N: 670211.0 - E: 606338.1</p> <p>LAT: 32.8422561° N LONG: 104.1216884° W</p> <p><u>CORNER DATA</u> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1941" N: 664715.7 - E: 596062.5</p> <p>B: FOUND BRASS CAP "1941" N: 667371.0 - E: 595986.7</p> <p>C: FOUND BRASS CAP "1941" N: 670028.0 - E: 595911.3</p> <p>D: FOUND BRASS CAP "1941" N: 670275.9 - E: 598509.8</p> <p>E: FOUND BRASS CAP "1941" N: 670523.4 - E: 601110.0</p> <p>F: FOUND 1/2" REBAR N: 670530.5 - E: 603773.2</p> <p>G: FOUND BRASS CAP "1914" N: 670541.3 - E: 606438.4</p> <p>H: FOUND BRASS CAP "1914" N: 665238.8 - E: 606433.6</p> <p>I: FOUND BRASS CAP "1941" N: 665220.7 - E: 603835.2</p> <p>J: FOUND BRASS CAP "1941" N: 665202.5 - E: 601236.8</p> <p>K: FOUND BRASS CAP "1941" N: 664959.0 - E: 598649.4</p> <p>L: FOUND BRASS CAP "1941" N: 667862.4 - E: 601172.4</p>	<p>17 OPERATOR CERTIFICATION</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>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>18 SURVEYOR CERTIFICATION</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>02-08-2021 Date of Survey</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>19680 Certificate Number</p>
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Santa Fe, NM 87505

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name AID NORTH		6 Well Number 11H	
7 OGRID NO.		8 Operator Name SPUR ENERGY PARTNERS LLC.		9 Elevation 3601'	

10 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	14	17S	28E		900	NORTH	2400	EAST	EDDY

11 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
H	13	17S	28E		1220	NORTH	100	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
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<p>16</p> <p><u>GEODETIC DATA</u> NAD 83 GRID - NM EAST</p> <p><u>SURFACE LOCATION (SL)</u> N: 669396.5 - E: 598742.5</p> <p>LAT: 32.8400568° N LONG: 104.1464247° W</p> <p><u>FIRST TAKE POINT (FTP)</u> 1220' FNL & 2509' FEL SEC. 14 N: 669066.1 - E: 598641.3</p> <p>LAT: 32.8391491° N LONG: 104.1467561° W</p> <p><u>BOTTOM HOLE (BH)</u> N: 669321.2 - E: 606337.3</p> <p>LAT: 32.8398104° N LONG: 104.1216968° W</p> <p><u>CORNER DATA</u> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1941" N: 664715.7 - E: 596062.5</p> <p>B: FOUND BRASS CAP "1941" N: 667371.0 - E: 595986.7</p> <p>C: FOUND BRASS CAP "1941" N: 670028.0 - E: 595911.3</p> <p>D: FOUND BRASS CAP "1941" N: 670275.9 - E: 598509.8</p> <p>E: FOUND BRASS CAP "1941" N: 670523.4 - E: 601110.0</p> <p>F: FOUND 1/2" REBAR N: 670530.5 - E: 603773.2</p> <p>G: FOUND BRASS CAP "1914" N: 670541.3 - E: 606438.4</p> <p>H: FOUND BRASS CAP "1914" N: 665238.8 - E: 606433.6</p> <p>I: FOUND BRASS CAP "1941" N: 665220.7 - E: 603835.2</p> <p>J: FOUND BRASS CAP "1941" N: 665202.5 - E: 601236.8</p> <p>K: FOUND BRASS CAP "1941" N: 664959.0 - E: 598649.4</p> <p>L: FOUND BRASS CAP "1941" N: 667862.4 - E: 601172.4</p>	<p>17 OPERATOR CERTIFICATION</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>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>18 SURVEYOR CERTIFICATION</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>02-08-2021 Date of Survey</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>19680 Certificate Number</p>
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name AID NORTH		6 Well Number 12H	
7 OGRID NO.		8 Operator Name SPUR ENERGY PARTNERS LLC.		9 Elevation 3602'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
G	14	17S	28E		2370	NORTH	2400	EAST	EDDY

11 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
H	13	17S	28E		2110	NORTH	100	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
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<p>16</p> <p><u>GEODETTIC DATA</u> NAD 83 GRID - NM EAST</p> <p><u>SURFACE LOCATION (SL)</u> N: 667927.3 - E: 598777.0</p> <p>LAT: 32.8360183° N LONG: 104.1463210° W</p> <p><u>FIRST TAKE POINT (FTP)</u> 2110' FNL & 2506' FEL SEC. 14 N: 668176.6 - E: 598664.7</p> <p>LAT: 32.8367042° N LONG: 104.1466852° W</p> <p><u>BOTTOM HOLE (BH)</u> N: 668431.4 - E: 606336.5</p> <p>LAT: 32.8373648° N LONG: 104.1217053° W</p> <p><u>CORNER DATA</u> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1941" N: 664715.7 - E: 596062.5</p> <p>B: FOUND BRASS CAP "1941" N: 667371.0 - E: 595986.7</p> <p>C: FOUND BRASS CAP "1941" N: 670028.0 - E: 595911.3</p> <p>D: FOUND BRASS CAP "1941" N: 670275.9 - E: 598509.8</p> <p>E: FOUND BRASS CAP "1941" N: 670523.4 - E: 601110.0</p> <p>F: FOUND 1/2" REBAR N: 670530.5 - E: 603773.2</p> <p>G: FOUND BRASS CAP "1914" N: 670541.3 - E: 606438.4</p> <p>H: FOUND BRASS CAP "1914" N: 665238.8 - E: 606433.6</p> <p>I: FOUND BRASS CAP "1941" N: 665220.7 - E: 603835.2</p> <p>J: FOUND BRASS CAP "1941" N: 665202.5 - E: 601236.8</p> <p>K: FOUND BRASS CAP "1941" N: 664959.0 - E: 598649.4</p> <p>L: FOUND BRASS CAP "1941" N: 667862.4 - E: 601172.4</p>	<p>17 OPERATOR CERTIFICATION</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>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>18 SURVEYOR CERTIFICATION</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>02-08-2021 Date of Survey</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>19680 Certificate Number</p>
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4 Property Code		5 Property Name AID NORTH		6 Well Number 50H	
7 OGRID NO.		8 Operator Name SPUR ENERGY PARTNERS LLC.		9 Elevation 3602'	

10 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	14	17S	28E		880	NORTH	2400	EAST	EDDY

11 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
A	13	17S	28E		430	NORTH	100	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
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<p>16</p> <p><u>GEODETTIC DATA</u> NAD 83 GRID - NM EAST</p> <p><u>SURFACE LOCATION (SL)</u> N: 669416.5 - E: 598742.0</p> <p>LAT: 32.8401118° N LONG: 104.1464261° W</p> <p><u>FIRST TAKE POINT (FTP)</u> 430' FNL & 2512' FEL SEC. 14 N: 669855.6 - E: 598620.6</p> <p>LAT: 32.8413193° N LONG: 104.1468191° W</p> <p><u>BOTTOM HOLE (BH)</u> N: 670111.0 - E: 606338.1</p> <p>LAT: 32.8419813° N LONG: 104.1216894° W</p> <p><u>CORNER DATA</u> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1941" N: 664715.7 - E: 596062.5</p> <p>B: FOUND BRASS CAP "1941" N: 667371.0 - E: 595986.7</p> <p>C: FOUND BRASS CAP "1941" N: 670028.0 - E: 595911.3</p> <p>D: FOUND BRASS CAP "1941" N: 670275.9 - E: 598509.8</p> <p>E: FOUND BRASS CAP "1941" N: 670523.4 - E: 601110.0</p> <p>F: FOUND 1/2" REBAR N: 670530.5 - E: 603773.2</p> <p>G: FOUND BRASS CAP "1914" N: 670541.3 - E: 606438.4</p> <p>H: FOUND BRASS CAP "1914" N: 665238.8 - E: 606433.6</p> <p>I: FOUND BRASS CAP "1941" N: 665220.7 - E: 603835.2</p> <p>J: FOUND BRASS CAP "1941" N: 665202.5 - E: 601236.8</p> <p>K: FOUND BRASS CAP "1941" N: 664959.0 - E: 598649.4</p> <p>L: FOUND BRASS CAP "1941" N: 667862.4 - E: 601172.4</p>	<p>17 OPERATOR CERTIFICATION</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>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <hr/> <p>18 SURVEYOR CERTIFICATION</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>02-08-2021 Date of Survey</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>19680 Certificate Number</p>
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4 Property Code		5 Property Name AID NORTH		6 Well Number 51H	
7 OGRID NO.		8 Operator Name SPUR ENERGY PARTNERS LLC.		9 Elevation 3602'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
G	14	17S	28E		2390	NORTH	2400	EAST	EDDY

11 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
H	13	17S	28E		2300	NORTH	100	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
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<p>16</p> <p><u>GEODETTIC DATA</u> NAD 83 GRID - NM EAST</p> <p><u>SURFACE LOCATION (SL)</u> N: 667907.3 - E: 598777.4</p> <p>LAT: 32.8359634° N LONG: 104.1463196° W</p> <p><u>FIRST TAKE POINT (FTP)</u> 2300' FNL & 2506' FEL SEC. 14 N: 667986.7 - E: 598669.6</p> <p>LAT: 32.8361823° N LONG: 104.1466701° W</p> <p><u>BOTTOM HOLE (BH)</u> N: 668241.5 - E: 606336.4</p> <p>LAT: 32.8368427° N LONG: 104.1217070° W</p> <p><u>CORNER DATA</u> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1941" N: 664715.7 - E: 596062.5</p> <p>B: FOUND BRASS CAP "1941" N: 667371.0 - E: 595986.7</p> <p>C: FOUND BRASS CAP "1941" N: 670028.0 - E: 595911.3</p> <p>D: FOUND BRASS CAP "1941" N: 670275.9 - E: 598509.8</p> <p>E: FOUND BRASS CAP "1941" N: 670523.4 - E: 601110.0</p> <p>F: FOUND 1/2" REBAR N: 670530.5 - E: 603773.2</p> <p>G: FOUND BRASS CAP "1914" N: 670541.3 - E: 606438.4</p> <p>H: FOUND BRASS CAP "1914" N: 665238.8 - E: 606433.6</p> <p>I: FOUND BRASS CAP "1941" N: 665220.7 - E: 603835.2</p> <p>J: FOUND BRASS CAP "1941" N: 665202.5 - E: 601236.8</p> <p>K: FOUND BRASS CAP "1941" N: 664959.0 - E: 598649.4</p> <p>L: FOUND BRASS CAP "1941" N: 667862.4 - E: 601172.4</p>	<p>17 OPERATOR CERTIFICATION</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>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <hr/> <p>18 SURVEYOR CERTIFICATION</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>02-08-2021 Date of Survey</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>19680 Certificate Number</p>
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4 Property Code		5 Property Name AID NORTH		6 Well Number 70H	
7 OGRID NO.		8 Operator Name SPUR ENERGY PARTNERS LLC.		9 Elevation 3600'	

10 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	14	17S	28E		920	NORTH	2400	EAST	EDDY

11 Bottom Hole Location If Different From Surface

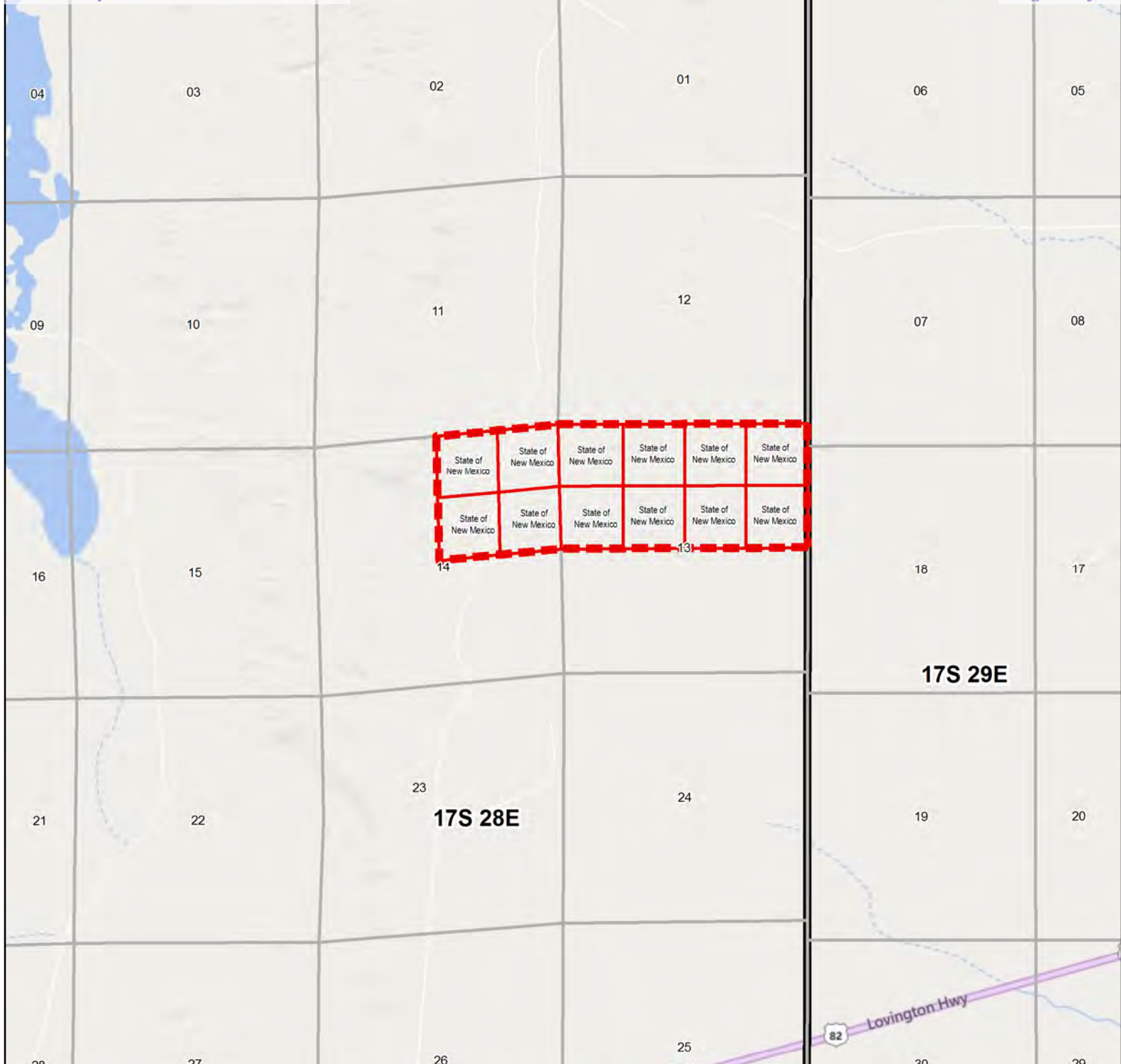
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	13	17S	28E		1365	NORTH	100	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
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<p>16</p> <p><u>GEODETTIC DATA</u> NAD 83 GRID - NM EAST</p> <p><u>SURFACE LOCATION (SL)</u> N: 669376.5 - E: 598743.0</p> <p>LAT: 32.8400019° N LONG: 104.1464233° W</p> <p><u>FIRST TAKE POINT (FTP)</u> 1365' FNL & 2509' FEL SEC. 14 N: 668921.2 - E: 598645.1</p> <p>LAT: 32.8387508° N LONG: 104.1467446° W</p> <p><u>BOTTOM HOLE (BH)</u> N: 669176.2 - E: 606337.2</p> <p>LAT: 32.8394120° N LONG: 104.1216982° W</p> <p><u>CORNER DATA</u> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1941" N: 664715.7 - E: 596062.5</p> <p>B: FOUND BRASS CAP "1941" N: 667371.0 - E: 595986.7</p> <p>C: FOUND BRASS CAP "1941" N: 670028.0 - E: 595911.3</p> <p>D: FOUND BRASS CAP "1941" N: 670275.9 - E: 598509.8</p> <p>E: FOUND BRASS CAP "1941" N: 670523.4 - E: 601110.0</p> <p>F: FOUND 1/2" REBAR N: 670530.5 - E: 603773.2</p> <p>G: FOUND BRASS CAP "1914" N: 670541.3 - E: 606438.4</p> <p>H: FOUND BRASS CAP "1914" N: 665238.8 - E: 606433.6</p> <p>I: FOUND BRASS CAP "1941" N: 665220.7 - E: 603835.2</p> <p>J: FOUND BRASS CAP "1941" N: 665202.5 - E: 601236.8</p> <p>K: FOUND BRASS CAP "1941" N: 664959.0 - E: 598649.4</p> <p>L: FOUND BRASS CAP "1941" N: 667862.4 - E: 601172.4</p>	<p>17 OPERATOR CERTIFICATION <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>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>18 SURVEYOR CERTIFICATION <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>02-08-2021 Date of Survey</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>19680 Certificate Number</p>
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LS21020092R



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C3
Submitted by: Spur Energy Partners, LLC
Hearing Date: June 17, 2021
Case No. 21733



Aid North DSU
 N/2 Sec 13-17S-28E
 NE/4 Sec 14-17S-28E
 (480 ac)



1 inch = 2,917 feet

Sectional Plat
 Eddy County, New Mexico
 May 11, 2021

AID NORTH - TRACT/DSU WORKING INTEREST SUMMARY

TRACT NUMBER	LOCATION	SECTION	ACRES INFLATED FOR ALLEYS AND ROADWAYS	
			ACRES	
TRACT 1		14-175-28E	40	
TRACT 2		14-175-28E	40	
TRACT 3		14-175-28E	80	
TRACT 4		13-175-28E	160	
TRACT 5		13-175-28E	160	
			480	0

TRACT 1	Interest Type	WI	NRI	Gross Ac	Net Ac
American Standard Energy Corporation	WI	0.68000000	0.56666667	40	27.2000
G.P.C. Oil & Gas Corporation	WI	0.16000000	0.13333333	[40]	6.4000
Julia Ann Hightower Barnett	WI	0.16000000	0.13333333	[40]	6.4000
State of New Mexico	RI	0.00000000	0.16666667	[40]	0.0000
TOTAL		1.00000000	1.00000000	40	40.0000

TRACT 2	Interest Type	WI	NRI	Gross Ac	Net Ac
Murchison Oil & Gas, LLC	WI	0.95000000	0.71250000	40	38.0000
MEC Petroleum Corporation	WI	0.05000000	0.03750000	[40]	2.0000
Mossman-Midwest Company	RI	0.00000000	0.25000000	[40]	0.0000
TOTAL		1.00000000	1.00000000	40	40.0000

TRACT 3	Interest Type	WI	NRI	Gross Ac	Net Ac
SEP Permian LLC	WI	0.27500000	0.24062500	80	22.0000
Apache Corporation	WI	0.25000000	0.17500000	[80]	20.0000
ConocoPhillips Company	WI	0.22500000	0.19687500	[80]	18.0000
Longfellow LH, LLC	WI	0.14843750	0.11445313	[80]	11.8750
Chisos, Ltd.	WI	0.10156250	0.07871094	[80]	8.1250
State of New Mexico	RI	0.00000000	0.12500000	[80]	0.0000
ORRI Owners	ORRI	0.00000000	0.06933594	[80]	0.0000
TOTAL		1.00000000	1.00000000	80	80.0000

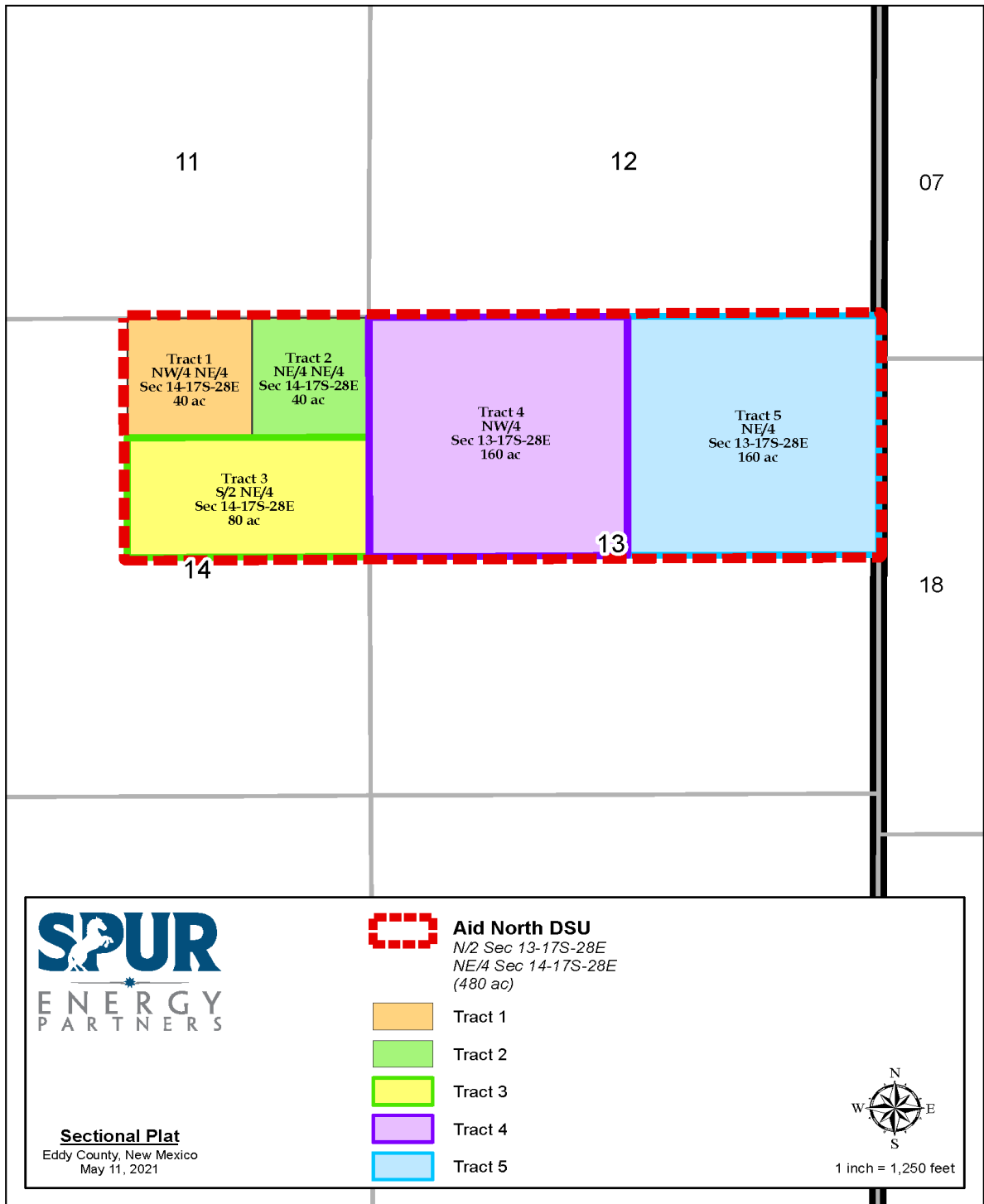
TRACT 4	Interest Type	WI	NRI	Gross Ac	Net Ac
SEP Permian LLC	WI	1.00000000	0.80000000	160	160.0000
State of New Mexico	RI	0.00000000	0.20000000	[160]	0.0000
TOTAL		1.00000000	1.00000000	160	160.0000

TRACT 5	Interest Type	WI	NRI	Gross Ac	Net Ac
Longfellow LH, LLC	WI	0.69425030	0.59581399	160	111.0800
SEP Permian LLC	WI	0.25000000	0.20375000	[160]	40.0000
Yates Energy Corporation	WI	0.04324970	0.03524851	[160]	6.9200
Fred G. Yates, Inc.	WI	0.01250000	0.01018750	[160]	2.0000
State of New Mexico	RI	0.00000000	0.12500000	[160]	0.0000
ORRI Owners	ORRI	0.00000000	0.03000000	[160]	0.0000
TOTAL		1.00000000	1.00000000	160	160.0000

AID NORTH DSU - WI		
	Net Ac	DSU W1%
SEP Permian LLC	222.0000	46.2500000%
Longfellow LH, LLC	122.9550	25.615635%
Murchison Oil & Gas, LLC	38.0000	7.916667%
American Standard Energy Corporation	27.2000	5.666667%
Apache Corporation	20.0000	4.166667%
ConocoPhillips Company	18.0000	3.750000%
Chisos, Ltd.	8.1250	1.692708%
Yates Energy Corporation	6.9200	1.441657%
G.P.C. Oil & Gas Corporation	6.4000	1.333333%
Julia Ann Hightower Barnett	6.4000	1.333333%
MEC Petroleum Corporation	2.0000	0.416667%
Fred G. Yates, Inc.	2.0000	0.416667%
TOTAL	480.0000	100.000000%

AID NORTH DSU - ORRI		
	Tract No.	Tract ORRI %
N/A	1	0.000000%
N/A	2	0.000000%
John & Theresa Hillman Family Properties, LP	3	5.000000%
Chisos, Ltd.	3	0.996094%
Black Shale Minerals, LLC	3	0.937500%
N/A	4	0.000000%
Abuelo, LLC	5	0.400000%
Ergodic Resources, LLC	5	0.400000%
Loco Hills Production Company, LLC	5	0.150000%
Mark Wilson Family Partnership, LP	5	1.500000%
Silverhair, LLC	5	0.150000%
Thomas A. Crow, as Trustee of the Mark E. Boling Revocable Trust	5	0.400000%

BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. C4
 Submitted by: Spur Energy Partners, LLC
 Hearing Date: June 17, 2021
 Case No. 21733





BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. C5

Submitted by: Spur Energy Partners, LLC

Hearing Date: June 17, 2021

Case No. 21733

January 4, 2021

Longfellow LH, LLC
 116803 North Dallas Parkway
 Addison, Texas 75001

RE: Well Proposal

Aid North 10H, 11H, 12H, 50H, 51H and 70H
NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E
Eddy County, New Mexico

To Whom It May Concern,

Spur Energy Partners LLC, ("SPUR"), hereby proposes to drill and complete the **Aid North 10H, 11H, 12H, 50H, 51H and 70H** wells to the approximate total vertical depths as referenced below as horizontal Yeso wells (the "Subject Wells") at the following proposed locations (subject to change upon staking and survey).

Aid North 10H Well – Horizontal Yeso Well, Eddy County, NM

- Proposed Surface Hole Location – 1,250' FNL & 1,745' FEL, Section 14, T17S-R28E
- Proposed Bottom Hole Location – 330' FNL & 100' FEL, Section 13, T17S-R28E
- TVD: 4065'
- Estimated completed producing well cost: \$3,810,000.00

Aid North 11H Well – Horizontal Yeso Well, Eddy County, NM

- Proposed Surface Hole Location – 1,190' FNL & 1,745' FEL, Section 14, T17S-R28E
- Proposed Bottom Hole Location – 1,330' FNL & 100' FEL, Section 13, T17S-R28E
- TVD: 4,065'
- Estimated completed producing well cost: \$3,810,000.00

Aid North 12H Well – Horizontal Yeso Well, Eddy County, NM

- Proposed Surface Hole Location – 1,230' FNL & 1,745' FEL, Section 14, T17S-R28E
- Proposed Bottom Hole Location – 2,330' FNL & 100' FEL, Section 13, T17S-R28E
- TVD: 4,065'
- Estimated completed producing well cost: \$3,810,000.00

Aid North 50H Well – Horizontal Yeso Well, Eddy County, NM

- Proposed Surface Hole Location – 1,230' FNL & 1,745' FEL, Section 14, T17S-R28E
- Proposed Bottom Hole Location – 430' FNL & 100' FEL, Section 13, T17S-R28E
- TVD: 4,430'
- Estimated completed producing well cost: \$3,907,500.00

Aid North 51H Well – Horizontal Yeso Well, Eddy County, NM

- Proposed Surface Hole Location – 1,250' FNL & 1,745' FEL, Section 14, T17S-R28E
- Proposed Bottom Hole Location – 2,430' FNL & 100' FEL, Section 13, T17S-R28E
- TVD: 4,430'
- Estimated completed producing well cost: \$3,907,500.00

RE: Well Proposal

**Aid North 10H, 11H, 12H, 50H, 51H and 70H
NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E
Eddy County, New Mexico**

Page 2**Aid North 70H Well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Surface Hole Location – 1,210' FNL & 1,745' FEL, Section 14, T17S-R28E
- Proposed Bottom Hole Location – 1,430' FNL & 100' FEL, Section 13, T17S-R28E
- TVD: 4,645'
- Estimated completed producing well cost: \$3,907,500.00

SPUR proposes to form a Drilling Spacing Unit (“DSU”) covering the NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E, Eddy County, New Mexico, containing 480 acres of land, more or less, from the top of the Yeso formation to the base of 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 proposes entering into a new joint operating agreement dated December 1, 2020, 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 operations within the DSU. The NJOA has the following general provisions:

- Effective Date of December 1, 2020
- Contract Area consisting of NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E
- Limited in depth from the top of the Yeso to the base of the Yeso formation
- 100%/300%/300% non-consenting penalty
- \$7,000/\$700 drilling and producing monthly overhead rate
- Spur Energy Partners LLC named as Operator

The enclosed AFEs reflect the total estimated drilling and completion costs for each well. The AFEs are an estimate only and those parties electing to participate in the Subject Wells shall be responsible for their share of actual well costs, whether more or less than those shown on the enclosed AFEs.

SPUR respectfully requests that you select one of the following three options with regard to your interest in the proposed wells:

Option 1: Participate in the drilling and completion of the proposed well and agree to enter into the NJOA with the terms specified above.

Option 2: Not participate in the proposed well (an election of “Non-Consent”).

Option 3: Execute an assignment of your leasehold rights to SPUR for \$1,500.00 per net acre.

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 supply you the NJOA. In the event you elect to assign your leasehold interest under the terms outlined above in Option 3, upon receipt of your election, SPUR will submit the Assignment to you for your review and execution.

SPUR looks forward to working with you on this matter. However, if an agreement cannot be reached within 30 days of the receipt date of this proposal, please be advised SPUR may apply to the New Mexico Oil Conservation Division for Compulsory Pooling of any uncommitted interest owners into a spacing unit for the proposed wells.

RE: Well Proposal
Aid North 10H, 11H, 12H, 50H, 51H and 70H
NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E
Eddy County, New Mexico

Page 3

Please indicate your elections as to the Subject Wells in the spaces provided below and execute and return a copy of this letter to the undersigned within 30 days of receipt of this proposal. A pre-paid envelope is enclosed for your convenience. Should you have any questions regarding this proposal, please contact me via email at paul@spurepllc.com.

Sincerely,



Paul Eschete
Landman

Enclosures

RE: Well Proposal
Aid North 10H, 11H, 12H, 50H, 51H and 70H
NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E
Eddy County, New Mexico

Page 4

Aid North 10H, 11H, 12H, 50H, 51H and 70H
Owner: Longfellow LH, LLC

_____ **Option 1)** *The undersigned elects to participate in the drilling and completion of the Aid North 10H, 11H, 12H, 50H, 51H and 70H wells and agrees to the formation of the DSU and to the terms of the NJOA as detailed in this proposal, with the cost and maintenance of all surface facilities, including any shared well pads, being reapportioned between each well drilled in the DSU.*

_____ **Option 2)** *The undersigned elects not to participate in the drilling and completion of the Aid North 10H, 11H, 12H, 50H, 51H and 70H wells.*

_____ **Option 3)** *The undersigned hereby elects to assign their working interest in the NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E to SPUR for \$1,500 per net acre (all rights owned).*

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 _____, 2021.

Company/Individual: _____

By: _____

Name: _____

Title: _____

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.: C20016		COMPANY	
AFE DESC: AID NORTH 10H		DIVISION	
DATE: 12/16/2020	OPERATOR:		
AFE TYPE: DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,		
GROSS/NET: GROSS	LLC		

DETAIL OF EXPENDITURES	DRYHOLE	COMPLETION	EQUIP-TIE	SUPPLEMENT	TOTAL	ACTUAL
LOCATION - OPS		20,000.00	0.00		20,000.00	
TOTAL:		20,000.00	0.00		20,000.00	
LOCATION/DAMAGES-LAND		10,000.00	0.00		10,000.00	
TOTAL:		10,000.00	0.00		10,000.00	
TITLE WORK/OPINIONS - LAND		60,000.00	0.00		60,000.00	
TOTAL:		60,000.00	0.00		60,000.00	
SURVEY - LAND		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
DRILLING RENTALS: SURFACE		45,000.00	0.00		45,000.00	
TOTAL:		45,000.00	0.00		45,000.00	
DRILLING RENTALS: SUBSURFACE		25,000.00	0.00		25,000.00	
TOTAL:		25,000.00	0.00		25,000.00	
DRILL MUD & COMPL FLUID		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
WELLSITE SUPERVISION		35,000.00	0.00		35,000.00	
TOTAL:		35,000.00	0.00		35,000.00	
GROUND TRANSPORT		9,000.00	0.00		9,000.00	
TOTAL:		9,000.00	0.00		9,000.00	
CONTRACT DRILLING (DAY RATE/TUF		173,000.00	0.00		173,000.00	
TOTAL:		173,000.00	0.00		173,000.00	
DIRECTIONAL TOOLS AND SERVICES		115,500.00	0.00		115,500.00	
TOTAL:		115,500.00	0.00		115,500.00	
FLUID & CUTTINGS DISPOSAL		45,000.00	0.00		45,000.00	
TOTAL:		45,000.00	0.00		45,000.00	
FRAC TANK RENTALS		250.00	0.00		250.00	
TOTAL:		250.00	0.00		250.00	
BITS		30,500.00	0.00		30,500.00	
TOTAL:		30,500.00	0.00		30,500.00	
COMPANY LABOR		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
FUEL, WATER & LUBE		42,500.00	0.00		42,500.00	
TOTAL:		42,500.00	0.00		42,500.00	
CEMENT		35,000.00	0.00		35,000.00	
TOTAL:		35,000.00	0.00		35,000.00	
CASING CREWS AND LAYDOWN SER		8,500.00	0.00		8,500.00	
TOTAL:		8,500.00	0.00		8,500.00	
PROD CSG CEMENT AND SERVICE		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
MUD LOGGER		11,000.00	0.00		11,000.00	
TOTAL:		11,000.00	0.00		11,000.00	
MOB/DEMOB RIG		13,500.00	0.00		13,500.00	
TOTAL:		13,500.00	0.00		13,500.00	
VACUUM TRUCKING		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
DRILLPIPE INSPECTION		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
CONTRACT LABOR/SERVICES		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
MISC IDC/CONTINGENCY		71,750.00	0.00		71,750.00	
TOTAL:		71,750.00	0.00		71,750.00	
SURFACE CASING		13,000.00	0.00		13,000.00	
TOTAL:		13,000.00	0.00		13,000.00	
INTERMEDIATE CASING		24,000.00	0.00		24,000.00	
TOTAL:		24,000.00	0.00		24,000.00	
PRODUCTION/LINER CASING		228,500.00	0.00		228,500.00	
TOTAL:		228,500.00	0.00		228,500.00	
CONDUCTOR PIPE		20,000.00	0.00		20,000.00	

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.:	C20016	COMPANY	
AFE DESC:	AID NORTH 10H	DIVISION	
DATE:	12/16/2020	OPERATOR:	
AFE TYPE:	DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,	
GROSS/NET:	GROSS	LLC	

	TOTAL:	20,000.00	0.00	20,000.00
WELLHEAD		19,000.00	0.00	19,000.00
	TOTAL:	19,000.00	0.00	19,000.00
LINER HANGER/CASING ACCESSORY		25,000.00	0.00	25,000.00
	TOTAL:	25,000.00	0.00	25,000.00
EQUIP RENT		66,000.00	0.00	66,000.00
	TOTAL:	66,000.00	0.00	66,000.00
RENTALS: SURFACE IRON		97,500.00	0.00	97,500.00
	TOTAL:	97,500.00	0.00	97,500.00
DRILLING RENTALS: SUBSURFACE		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
DRILL MUD & COMPL FLUID		412,500.00	0.00	412,500.00
	TOTAL:	412,500.00	0.00	412,500.00
WELLSITE SUPERVISION		68,750.00	0.00	68,750.00
	TOTAL:	68,750.00	0.00	68,750.00
COMPLETION CHEMICALS		165,000.00	0.00	165,000.00
	TOTAL:	165,000.00	0.00	165,000.00
GROUND TRANSPORT		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
PUMPDOWN		37,500.00	0.00	37,500.00
	TOTAL:	37,500.00	0.00	37,500.00
CASED HOLE WIRELINE		123,000.00	0.00	123,000.00
	TOTAL:	123,000.00	0.00	123,000.00
FRAC PLUGS		66,000.00	0.00	66,000.00
	TOTAL:	66,000.00	0.00	66,000.00
FRAC/FLUID SW DISPOSAL		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
FRAC TANK RENTALS		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
FLOWBACK		47,000.00	0.00	47,000.00
	TOTAL:	47,000.00	0.00	47,000.00
STIMULATION AND PUMPING SERVIC		470,000.00	0.00	470,000.00
	TOTAL:	470,000.00	0.00	470,000.00
PROPPANT		225,000.00	0.00	225,000.00
	TOTAL:	225,000.00	0.00	225,000.00
FUEL, WATER & LUBE		180,000.00	0.00	180,000.00
	TOTAL:	180,000.00	0.00	180,000.00
CASING CREWS AND LAYDOWN SER		2,500.00	0.00	2,500.00
	TOTAL:	2,500.00	0.00	2,500.00
COMPLETION/WORKOVER RIG		51,500.00	0.00	51,500.00
	TOTAL:	51,500.00	0.00	51,500.00
KILL TRUCK		2,500.00	0.00	2,500.00
	TOTAL:	2,500.00	0.00	2,500.00
COIL TUBING, SNUBBING, NITRO SVC		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
CONTRACT LABOR - ARTIFICIAL LIFT		17,500.00	0.00	17,500.00
	TOTAL:	17,500.00	0.00	17,500.00
CONTRACT LABOR - ELECTRICAL/AU		20,000.00	0.00	20,000.00
	TOTAL:	20,000.00	0.00	20,000.00
CONTRACT LABOR - WELL LEVEL		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
FACILITY PAD CONSTRUCTION		17,500.00	0.00	17,500.00
	TOTAL:	17,500.00	0.00	17,500.00
MISC INTANGIBLE FACILITY COSTS		5,000.00	0.00	5,000.00
	TOTAL:	5,000.00	0.00	5,000.00
CONTRACT LABOR - AUTOMATION		5,750.00	0.00	5,750.00
	TOTAL:	5,750.00	0.00	5,750.00
EQUIPMENT RENTALS		3,750.00	0.00	3,750.00

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.: C20016		COMPANY	
AFE DESC: AID NORTH 10H		DIVISION	
DATE: 12/16/2020	OPERATOR:		
AFE TYPE: DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,		
GROSS/NET: GROSS	LLC		

	TOTAL:	3,750.00	0.00	3,750.00
FREIGHT & HANDLING		3,750.00	0.00	3,750.00
	TOTAL:	3,750.00	0.00	3,750.00
CONTRACT LABOR - ELECTRICAL		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
FACILITY CONSTRUCTION LABOR		45,000.00	0.00	45,000.00
	TOTAL:	45,000.00	0.00	45,000.00
BITS		1,000.00	0.00	1,000.00
	TOTAL:	1,000.00	0.00	1,000.00
OVERHEAD POWER		12,500.00	0.00	12,500.00
	TOTAL:	12,500.00	0.00	12,500.00
PARTS & SUPPLIES - ARTIFICIAL LIFT		50,000.00	0.00	50,000.00
	TOTAL:	50,000.00	0.00	50,000.00
PARTS & SUPPLIES - ELECTRICAL/AU		5,000.00	0.00	5,000.00
	TOTAL:	5,000.00	0.00	5,000.00
PARTS & SUPPLIES - WELL LEVEL		20,000.00	0.00	20,000.00
	TOTAL:	20,000.00	0.00	20,000.00
TUBING		44,250.00	0.00	44,250.00
	TOTAL:	44,250.00	0.00	44,250.00
TUBING HEAD/XMAS TREE		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
VESSELS		41,750.00	0.00	41,750.00
	TOTAL:	41,750.00	0.00	41,750.00
ELECTRICAL - OVERHEAD & TRANSF		12,500.00	0.00	12,500.00
	TOTAL:	12,500.00	0.00	12,500.00
LACT		18,750.00	0.00	18,750.00
	TOTAL:	18,750.00	0.00	18,750.00
AUTOMATION METERS, SENSORS, V/		23,750.00	0.00	23,750.00
	TOTAL:	23,750.00	0.00	23,750.00
MISC FITTINGS & SUPPLIES		20,000.00	0.00	20,000.00
	TOTAL:	20,000.00	0.00	20,000.00
PUMPS & PUMP SUPPLIES		7,500.00	0.00	7,500.00
	TOTAL:	7,500.00	0.00	7,500.00
MISC TANGIBLE FACILITY COSTS		2,500.00	0.00	2,500.00
	TOTAL:	2,500.00	0.00	2,500.00
TANKS (OIL & WATER)		43,750.00	0.00	43,750.00
	TOTAL:	43,750.00	0.00	43,750.00
CONTAINMENT		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
PIPING		12,500.00	0.00	12,500.00
	TOTAL:	12,500.00	0.00	12,500.00
ELECTRICAL - FACILITY		61,250.00	0.00	61,250.00
	TOTAL:	61,250.00	0.00	61,250.00
TOTAL THIS AFE:		3,810,000.00	0.00	3,810,000.00

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.: C20017		COMPANY
AFE DESC: AID NORTH 11H		DIVISION
DATE: 12/16/2020	OPERATOR:	
AFE TYPE: DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,	
GROSS/NET: GROSS	LLC	

DETAIL OF EXPENDITURES	DRYHOLE	COMPLETION	EQUIP-TIE	SUPPLEMENT	TOTAL	ACTUAL
LOCATION - OPS		20,000.00	0.00		20,000.00	
TOTAL:		20,000.00	0.00		20,000.00	
LOCATION/DAMAGES-LAND		10,000.00	0.00		10,000.00	
TOTAL:		10,000.00	0.00		10,000.00	
TITLE WORK/OPINIONS - LAND		60,000.00	0.00		60,000.00	
TOTAL:		60,000.00	0.00		60,000.00	
SURVEY - LAND		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
DRILLING RENTALS: SURFACE		45,000.00	0.00		45,000.00	
TOTAL:		45,000.00	0.00		45,000.00	
DRILLING RENTALS: SUBSURFACE		25,000.00	0.00		25,000.00	
TOTAL:		25,000.00	0.00		25,000.00	
DRILL MUD & COMPL FLUID		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
WELLSITE SUPERVISION		35,000.00	0.00		35,000.00	
TOTAL:		35,000.00	0.00		35,000.00	
GROUND TRANSPORT		9,000.00	0.00		9,000.00	
TOTAL:		9,000.00	0.00		9,000.00	
CONTRACT DRILLING (DAY RATE/TUF		173,000.00	0.00		173,000.00	
TOTAL:		173,000.00	0.00		173,000.00	
DIRECTIONAL TOOLS AND SERVICES		115,500.00	0.00		115,500.00	
TOTAL:		115,500.00	0.00		115,500.00	
FLUID & CUTTINGS DISPOSAL		45,000.00	0.00		45,000.00	
TOTAL:		45,000.00	0.00		45,000.00	
FRAC TANK RENTALS		250.00	0.00		250.00	
TOTAL:		250.00	0.00		250.00	
BITS		30,500.00	0.00		30,500.00	
TOTAL:		30,500.00	0.00		30,500.00	
COMPANY LABOR		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
FUEL, WATER & LUBE		42,500.00	0.00		42,500.00	
TOTAL:		42,500.00	0.00		42,500.00	
CEMENT		35,000.00	0.00		35,000.00	
TOTAL:		35,000.00	0.00		35,000.00	
CASING CREWS AND LAYDOWN SER		8,500.00	0.00		8,500.00	
TOTAL:		8,500.00	0.00		8,500.00	
PROD CSG CEMENT AND SERVICE		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
MUD LOGGER		11,000.00	0.00		11,000.00	
TOTAL:		11,000.00	0.00		11,000.00	
MOB/DEMOB RIG		13,500.00	0.00		13,500.00	
TOTAL:		13,500.00	0.00		13,500.00	
VACUUM TRUCKING		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
DRILLPIPE INSPECTION		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
CONTRACT LABOR/SERVICES		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
MISC IDC/CONTINGENCY		71,750.00	0.00		71,750.00	
TOTAL:		71,750.00	0.00		71,750.00	
SURFACE CASING		13,000.00	0.00		13,000.00	
TOTAL:		13,000.00	0.00		13,000.00	
INTERMEDIATE CASING		24,000.00	0.00		24,000.00	
TOTAL:		24,000.00	0.00		24,000.00	
PRODUCTION/LINER CASING		228,500.00	0.00		228,500.00	
TOTAL:		228,500.00	0.00		228,500.00	
CONDUCTOR PIPE		20,000.00	0.00		20,000.00	

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.:	C20017	COMPANY	
AFE DESC:	AID NORTH 11H	DIVISION	
DATE:	12/16/2020	OPERATOR:	
AFE TYPE:	DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,	
GROSS/NET:	GROSS	LLC	

TOTAL:	20,000.00	0.00	20,000.00
WELLHEAD	19,000.00	0.00	19,000.00
TOTAL:	19,000.00	0.00	19,000.00
LINER HANGER/CASING ACCESSORY	25,000.00	0.00	25,000.00
TOTAL:	25,000.00	0.00	25,000.00
EQUIP RENT	66,000.00	0.00	66,000.00
TOTAL:	66,000.00	0.00	66,000.00
RENTALS: SURFACE IRON	97,500.00	0.00	97,500.00
TOTAL:	97,500.00	0.00	97,500.00
DRILLING RENTALS: SUBSURFACE	15,000.00	0.00	15,000.00
TOTAL:	15,000.00	0.00	15,000.00
DRILL MUD & COMPL FLUID	412,500.00	0.00	412,500.00
TOTAL:	412,500.00	0.00	412,500.00
WELLSITE SUPERVISION	68,750.00	0.00	68,750.00
TOTAL:	68,750.00	0.00	68,750.00
COMPLETION CHEMICALS	165,000.00	0.00	165,000.00
TOTAL:	165,000.00	0.00	165,000.00
GROUND TRANSPORT	10,000.00	0.00	10,000.00
TOTAL:	10,000.00	0.00	10,000.00
PUMPDOWN	37,500.00	0.00	37,500.00
TOTAL:	37,500.00	0.00	37,500.00
CASED HOLE WIRELINE	123,000.00	0.00	123,000.00
TOTAL:	123,000.00	0.00	123,000.00
FRAC PLUGS	66,000.00	0.00	66,000.00
TOTAL:	66,000.00	0.00	66,000.00
FRAC/FLUID SW DISPOSAL	10,000.00	0.00	10,000.00
TOTAL:	10,000.00	0.00	10,000.00
FRAC TANK RENTALS	15,000.00	0.00	15,000.00
TOTAL:	15,000.00	0.00	15,000.00
FLOWBACK	47,000.00	0.00	47,000.00
TOTAL:	47,000.00	0.00	47,000.00
STIMULATION AND PUMPING SERVIC	470,000.00	0.00	470,000.00
TOTAL:	470,000.00	0.00	470,000.00
PROPPANT	225,000.00	0.00	225,000.00
TOTAL:	225,000.00	0.00	225,000.00
FUEL, WATER & LUBE	180,000.00	0.00	180,000.00
TOTAL:	180,000.00	0.00	180,000.00
CASING CREWS AND LAYDOWN SER	2,500.00	0.00	2,500.00
TOTAL:	2,500.00	0.00	2,500.00
COMPLETION/WORKOVER RIG	51,500.00	0.00	51,500.00
TOTAL:	51,500.00	0.00	51,500.00
KILL TRUCK	2,500.00	0.00	2,500.00
TOTAL:	2,500.00	0.00	2,500.00
COIL TUBING, SNUBBING, NITRO SVC	10,000.00	0.00	10,000.00
TOTAL:	10,000.00	0.00	10,000.00
CONTRACT LABOR - ARTIFICIAL LIFT	17,500.00	0.00	17,500.00
TOTAL:	17,500.00	0.00	17,500.00
CONTRACT LABOR - ELECTRICAL/AU	20,000.00	0.00	20,000.00
TOTAL:	20,000.00	0.00	20,000.00
CONTRACT LABOR - WELL LEVEL	15,000.00	0.00	15,000.00
TOTAL:	15,000.00	0.00	15,000.00
FACILITY PAD CONSTRUCTION	17,500.00	0.00	17,500.00
TOTAL:	17,500.00	0.00	17,500.00
MISC INTANGIBLE FACILITY COSTS	5,000.00	0.00	5,000.00
TOTAL:	5,000.00	0.00	5,000.00
CONTRACT LABOR - AUTOMATION	5,750.00	0.00	5,750.00
TOTAL:	5,750.00	0.00	5,750.00
EQUIPMENT RENTALS	3,750.00	0.00	3,750.00

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.:	C20017	COMPANY	
AFE DESC:	AID NORTH 11H	DIVISION	
DATE:	12/16/2020	OPERATOR:	
AFE TYPE:	DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,	
GROSS/NET:	GROSS	LLC	

TOTAL:	3,750.00	0.00	3,750.00
FREIGHT & HANDLING	3,750.00	0.00	3,750.00
TOTAL:	3,750.00	0.00	3,750.00
CONTRACT LABOR - ELECTRICAL	10,000.00	0.00	10,000.00
TOTAL:	10,000.00	0.00	10,000.00
FACILITY CONSTRUCTION LABOR	45,000.00	0.00	45,000.00
TOTAL:	45,000.00	0.00	45,000.00
BITS	1,000.00	0.00	1,000.00
TOTAL:	1,000.00	0.00	1,000.00
OVERHEAD POWER	12,500.00	0.00	12,500.00
TOTAL:	12,500.00	0.00	12,500.00
PARTS & SUPPLIES - ARTIFICIAL LIFT	50,000.00	0.00	50,000.00
TOTAL:	50,000.00	0.00	50,000.00
PARTS & SUPPLIES - ELECTRICAL/AU	5,000.00	0.00	5,000.00
TOTAL:	5,000.00	0.00	5,000.00
PARTS & SUPPLIES - WELL LEVEL	20,000.00	0.00	20,000.00
TOTAL:	20,000.00	0.00	20,000.00
TUBING	44,250.00	0.00	44,250.00
TOTAL:	44,250.00	0.00	44,250.00
TUBING HEAD/XMAS TREE	10,000.00	0.00	10,000.00
TOTAL:	10,000.00	0.00	10,000.00
VESSELS	41,750.00	0.00	41,750.00
TOTAL:	41,750.00	0.00	41,750.00
ELECTRICAL - OVERHEAD & TRANSF	12,500.00	0.00	12,500.00
TOTAL:	12,500.00	0.00	12,500.00
LACT	18,750.00	0.00	18,750.00
TOTAL:	18,750.00	0.00	18,750.00
AUTOMATION METERS, SENSORS, V/	23,750.00	0.00	23,750.00
TOTAL:	23,750.00	0.00	23,750.00
MISC FITTINGS & SUPPLIES	20,000.00	0.00	20,000.00
TOTAL:	20,000.00	0.00	20,000.00
PUMPS & PUMP SUPPLIES	7,500.00	0.00	7,500.00
TOTAL:	7,500.00	0.00	7,500.00
MISC TANGIBLE FACILITY COSTS	2,500.00	0.00	2,500.00
TOTAL:	2,500.00	0.00	2,500.00
TANKS (OIL & WATER)	43,750.00	0.00	43,750.00
TOTAL:	43,750.00	0.00	43,750.00
CONTAINMENT	15,000.00	0.00	15,000.00
TOTAL:	15,000.00	0.00	15,000.00
PIPING	12,500.00	0.00	12,500.00
TOTAL:	12,500.00	0.00	12,500.00
ELECTRICAL - FACILITY	61,250.00	0.00	61,250.00
TOTAL:	61,250.00	0.00	61,250.00
TOTAL THIS AFE:	3,810,000.00	0.00	3,810,000.00

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.: C20018		COMPANY
AFE DESC: AID NORTH 12H		DIVISION
DATE: 12/16/2020	OPERATOR:	
AFE TYPE: DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,	
GROSS/NET: GROSS	LLC	

DETAIL OF EXPENDITURES	DRYHOLE	COMPLETION	EQUIP-TIE	SUPPLEMENT	TOTAL	ACTUAL
LOCATION - OPS		20,000.00	0.00		20,000.00	
TOTAL:		20,000.00	0.00		20,000.00	
LOCATION/DAMAGES-LAND		10,000.00	0.00		10,000.00	
TOTAL:		10,000.00	0.00		10,000.00	
TITLE WORK/OPINIONS - LAND		60,000.00	0.00		60,000.00	
TOTAL:		60,000.00	0.00		60,000.00	
SURVEY - LAND		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
DRILLING RENTALS: SURFACE		45,000.00	0.00		45,000.00	
TOTAL:		45,000.00	0.00		45,000.00	
DRILLING RENTALS: SUBSURFACE		25,000.00	0.00		25,000.00	
TOTAL:		25,000.00	0.00		25,000.00	
DRILL MUD & COMPL FLUID		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
WELLSITE SUPERVISION		35,000.00	0.00		35,000.00	
TOTAL:		35,000.00	0.00		35,000.00	
GROUND TRANSPORT		9,000.00	0.00		9,000.00	
TOTAL:		9,000.00	0.00		9,000.00	
CONTRACT DRILLING (DAY RATE/TUF		173,000.00	0.00		173,000.00	
TOTAL:		173,000.00	0.00		173,000.00	
DIRECTIONAL TOOLS AND SERVICES		115,500.00	0.00		115,500.00	
TOTAL:		115,500.00	0.00		115,500.00	
FLUID & CUTTINGS DISPOSAL		45,000.00	0.00		45,000.00	
TOTAL:		45,000.00	0.00		45,000.00	
FRAC TANK RENTALS		250.00	0.00		250.00	
TOTAL:		250.00	0.00		250.00	
BITS		30,500.00	0.00		30,500.00	
TOTAL:		30,500.00	0.00		30,500.00	
COMPANY LABOR		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
FUEL, WATER & LUBE		42,500.00	0.00		42,500.00	
TOTAL:		42,500.00	0.00		42,500.00	
CEMENT		35,000.00	0.00		35,000.00	
TOTAL:		35,000.00	0.00		35,000.00	
CASING CREWS AND LAYDOWN SER		8,500.00	0.00		8,500.00	
TOTAL:		8,500.00	0.00		8,500.00	
PROD CSG CEMENT AND SERVICE		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
MUD LOGGER		11,000.00	0.00		11,000.00	
TOTAL:		11,000.00	0.00		11,000.00	
MOB/DEMOB RIG		13,500.00	0.00		13,500.00	
TOTAL:		13,500.00	0.00		13,500.00	
VACUUM TRUCKING		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
DRILLPIPE INSPECTION		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
CONTRACT LABOR/SERVICES		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
MISC IDC/CONTINGENCY		71,750.00	0.00		71,750.00	
TOTAL:		71,750.00	0.00		71,750.00	
SURFACE CASING		13,000.00	0.00		13,000.00	
TOTAL:		13,000.00	0.00		13,000.00	
INTERMEDIATE CASING		24,000.00	0.00		24,000.00	
TOTAL:		24,000.00	0.00		24,000.00	
PRODUCTION/LINER CASING		228,500.00	0.00		228,500.00	
TOTAL:		228,500.00	0.00		228,500.00	
CONDUCTOR PIPE		20,000.00	0.00		20,000.00	

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.: C20018		COMPANY	
AFE DESC: AID NORTH 12H		DIVISION	
DATE: 12/16/2020	OPERATOR:		
AFE TYPE: DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,		
GROSS/NET: GROSS	LLC		

	TOTAL:	20,000.00	0.00	20,000.00
WELLHEAD		19,000.00	0.00	19,000.00
	TOTAL:	19,000.00	0.00	19,000.00
LINER HANGER/CASING ACCESSORY		25,000.00	0.00	25,000.00
	TOTAL:	25,000.00	0.00	25,000.00
EQUIP RENT		66,000.00	0.00	66,000.00
	TOTAL:	66,000.00	0.00	66,000.00
RENTALS: SURFACE IRON		97,500.00	0.00	97,500.00
	TOTAL:	97,500.00	0.00	97,500.00
DRILLING RENTALS: SUBSURFACE		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
DRILL MUD & COMPL FLUID		412,500.00	0.00	412,500.00
	TOTAL:	412,500.00	0.00	412,500.00
WELLSITE SUPERVISION		68,750.00	0.00	68,750.00
	TOTAL:	68,750.00	0.00	68,750.00
COMPLETION CHEMICALS		165,000.00	0.00	165,000.00
	TOTAL:	165,000.00	0.00	165,000.00
GROUND TRANSPORT		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
PUMPDOWN		37,500.00	0.00	37,500.00
	TOTAL:	37,500.00	0.00	37,500.00
CASED HOLE WIRELINE		123,000.00	0.00	123,000.00
	TOTAL:	123,000.00	0.00	123,000.00
FRAC PLUGS		66,000.00	0.00	66,000.00
	TOTAL:	66,000.00	0.00	66,000.00
FRAC/FLUID SW DISPOSAL		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
FRAC TANK RENTALS		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
FLOWBACK		47,000.00	0.00	47,000.00
	TOTAL:	47,000.00	0.00	47,000.00
STIMULATION AND PUMPING SERVIC		470,000.00	0.00	470,000.00
	TOTAL:	470,000.00	0.00	470,000.00
PROPPANT		225,000.00	0.00	225,000.00
	TOTAL:	225,000.00	0.00	225,000.00
FUEL, WATER & LUBE		180,000.00	0.00	180,000.00
	TOTAL:	180,000.00	0.00	180,000.00
CASING CREWS AND LAYDOWN SER		2,500.00	0.00	2,500.00
	TOTAL:	2,500.00	0.00	2,500.00
COMPLETION/WORKOVER RIG		51,500.00	0.00	51,500.00
	TOTAL:	51,500.00	0.00	51,500.00
KILL TRUCK		2,500.00	0.00	2,500.00
	TOTAL:	2,500.00	0.00	2,500.00
COIL TUBING, SNUBBING, NITRO SVC		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
CONTRACT LABOR - ARTIFICIAL LIFT		17,500.00	0.00	17,500.00
	TOTAL:	17,500.00	0.00	17,500.00
CONTRACT LABOR - ELECTRICAL/AU		20,000.00	0.00	20,000.00
	TOTAL:	20,000.00	0.00	20,000.00
CONTRACT LABOR - WELL LEVEL		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
FACILITY PAD CONSTRUCTION		17,500.00	0.00	17,500.00
	TOTAL:	17,500.00	0.00	17,500.00
MISC INTANGIBLE FACILITY COSTS		5,000.00	0.00	5,000.00
	TOTAL:	5,000.00	0.00	5,000.00
CONTRACT LABOR - AUTOMATION		5,750.00	0.00	5,750.00
	TOTAL:	5,750.00	0.00	5,750.00
EQUIPMENT RENTALS		3,750.00	0.00	3,750.00

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.: C20018		COMPANY	
AFE DESC: AID NORTH 12H		DIVISION	
DATE: 12/16/2020	OPERATOR:		
AFE TYPE: DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,		
GROSS/NET: GROSS	LLC		

	TOTAL:	3,750.00	0.00	3,750.00
FREIGHT & HANDLING		3,750.00	0.00	3,750.00
	TOTAL:	3,750.00	0.00	3,750.00
CONTRACT LABOR - ELECTRICAL		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
FACILITY CONSTRUCTION LABOR		45,000.00	0.00	45,000.00
	TOTAL:	45,000.00	0.00	45,000.00
BITS		1,000.00	0.00	1,000.00
	TOTAL:	1,000.00	0.00	1,000.00
OVERHEAD POWER		12,500.00	0.00	12,500.00
	TOTAL:	12,500.00	0.00	12,500.00
PARTS & SUPPLIES - ARTIFICIAL LIFT		50,000.00	0.00	50,000.00
	TOTAL:	50,000.00	0.00	50,000.00
PARTS & SUPPLIES - ELECTRICAL/AU		5,000.00	0.00	5,000.00
	TOTAL:	5,000.00	0.00	5,000.00
PARTS & SUPPLIES - WELL LEVEL		20,000.00	0.00	20,000.00
	TOTAL:	20,000.00	0.00	20,000.00
TUBING		44,250.00	0.00	44,250.00
	TOTAL:	44,250.00	0.00	44,250.00
TUBING HEAD/XMAS TREE		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
VESSELS		41,750.00	0.00	41,750.00
	TOTAL:	41,750.00	0.00	41,750.00
ELECTRICAL - OVERHEAD & TRANSF		12,500.00	0.00	12,500.00
	TOTAL:	12,500.00	0.00	12,500.00
LACT		18,750.00	0.00	18,750.00
	TOTAL:	18,750.00	0.00	18,750.00
AUTOMATION METERS, SENSORS, V/		23,750.00	0.00	23,750.00
	TOTAL:	23,750.00	0.00	23,750.00
MISC FITTINGS & SUPPLIES		20,000.00	0.00	20,000.00
	TOTAL:	20,000.00	0.00	20,000.00
PUMPS & PUMP SUPPLIES		7,500.00	0.00	7,500.00
	TOTAL:	7,500.00	0.00	7,500.00
MISC TANGIBLE FACILITY COSTS		2,500.00	0.00	2,500.00
	TOTAL:	2,500.00	0.00	2,500.00
TANKS (OIL & WATER)		43,750.00	0.00	43,750.00
	TOTAL:	43,750.00	0.00	43,750.00
CONTAINMENT		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
PIPING		12,500.00	0.00	12,500.00
	TOTAL:	12,500.00	0.00	12,500.00
ELECTRICAL - FACILITY		61,250.00	0.00	61,250.00
	TOTAL:	61,250.00	0.00	61,250.00
TOTAL THIS AFE:		3,810,000.00	0.00	3,810,000.00

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.: C20019		COMPANY
AFE DESC: AID NORTH 50H		DIVISION
DATE: 12/16/2020	OPERATOR:	
AFE TYPE: DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,	
GROSS/NET: GROSS	LLC	

DETAIL OF EXPENDITURES	DRYHOLE	COMPLETION	EQUIP-TIE	SUPPLEMENT	TOTAL	ACTUAL
LOCATION - OPS		20,000.00	0.00		20,000.00	
TOTAL:		20,000.00	0.00		20,000.00	
LOCATION/DAMAGES-LAND		10,000.00	0.00		10,000.00	
TOTAL:		10,000.00	0.00		10,000.00	
TITLE WORK/OPINIONS - LAND		60,000.00	0.00		60,000.00	
TOTAL:		60,000.00	0.00		60,000.00	
SURVEY - LAND		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
DRILLING RENTALS: SURFACE		53,000.00	0.00		53,000.00	
TOTAL:		53,000.00	0.00		53,000.00	
DRILLING RENTALS: SUBSURFACE		25,000.00	0.00		25,000.00	
TOTAL:		25,000.00	0.00		25,000.00	
DRILL MUD & COMPL FLUID		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
WELLSITE SUPERVISION		40,000.00	0.00		40,000.00	
TOTAL:		40,000.00	0.00		40,000.00	
GROUND TRANSPORT		9,000.00	0.00		9,000.00	
TOTAL:		9,000.00	0.00		9,000.00	
CONTRACT DRILLING (DAY RATE/TUF		197,000.00	0.00		197,000.00	
TOTAL:		197,000.00	0.00		197,000.00	
DIRECTIONAL TOOLS AND SERVICES		133,500.00	0.00		133,500.00	
TOTAL:		133,500.00	0.00		133,500.00	
FLUID & CUTTINGS DISPOSAL		45,000.00	0.00		45,000.00	
TOTAL:		45,000.00	0.00		45,000.00	
FRAC TANK RENTALS		250.00	0.00		250.00	
TOTAL:		250.00	0.00		250.00	
BITS		44,000.00	0.00		44,000.00	
TOTAL:		44,000.00	0.00		44,000.00	
COMPANY LABOR		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
FUEL, WATER & LUBE		50,250.00	0.00		50,250.00	
TOTAL:		50,250.00	0.00		50,250.00	
CEMENT		35,000.00	0.00		35,000.00	
TOTAL:		35,000.00	0.00		35,000.00	
CASING CREWS AND LAYDOWN SER		8,500.00	0.00		8,500.00	
TOTAL:		8,500.00	0.00		8,500.00	
PROD CSG CEMENT AND SERVICE		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
MUD LOGGER		13,000.00	0.00		13,000.00	
TOTAL:		13,000.00	0.00		13,000.00	
MOB/DEMOB RIG		13,500.00	0.00		13,500.00	
TOTAL:		13,500.00	0.00		13,500.00	
VACUUM TRUCKING		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
DRILLPIPE INSPECTION		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
CONTRACT LABOR/SERVICES		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
MISC IDC/CONTINGENCY		80,000.00	0.00		80,000.00	
TOTAL:		80,000.00	0.00		80,000.00	
SURFACE CASING		13,000.00	0.00		13,000.00	
TOTAL:		13,000.00	0.00		13,000.00	
INTERMEDIATE CASING		24,000.00	0.00		24,000.00	
TOTAL:		24,000.00	0.00		24,000.00	
PRODUCTION/LINER CASING		239,500.00	0.00		239,500.00	
TOTAL:		239,500.00	0.00		239,500.00	
CONDUCTOR PIPE		20,000.00	0.00		20,000.00	

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.:	C20019	COMPANY	
AFE DESC:	AID NORTH 50H	DIVISION	
DATE:	12/16/2020	OPERATOR:	
AFE TYPE:	DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,	
GROSS/NET:	GROSS	LLC	

TOTAL:	20,000.00	0.00	20,000.00
WELLHEAD	19,000.00	0.00	19,000.00
TOTAL:	19,000.00	0.00	19,000.00
LINER HANGER/CASING ACCESSORY	25,000.00	0.00	25,000.00
TOTAL:	25,000.00	0.00	25,000.00
EQUIP RENT	66,000.00	0.00	66,000.00
TOTAL:	66,000.00	0.00	66,000.00
RENTALS: SURFACE IRON	97,500.00	0.00	97,500.00
TOTAL:	97,500.00	0.00	97,500.00
DRILLING RENTALS: SUBSURFACE	15,000.00	0.00	15,000.00
TOTAL:	15,000.00	0.00	15,000.00
DRILL MUD & COMPL FLUID	412,500.00	0.00	412,500.00
TOTAL:	412,500.00	0.00	412,500.00
WELLSITE SUPERVISION	68,750.00	0.00	68,750.00
TOTAL:	68,750.00	0.00	68,750.00
COMPLETION CHEMICALS	165,000.00	0.00	165,000.00
TOTAL:	165,000.00	0.00	165,000.00
GROUND TRANSPORT	10,000.00	0.00	10,000.00
TOTAL:	10,000.00	0.00	10,000.00
PUMPDOWN	37,500.00	0.00	37,500.00
TOTAL:	37,500.00	0.00	37,500.00
CASED HOLE WIRELINE	123,000.00	0.00	123,000.00
TOTAL:	123,000.00	0.00	123,000.00
FRAC PLUGS	66,000.00	0.00	66,000.00
TOTAL:	66,000.00	0.00	66,000.00
FRAC/FLUID SW DISPOSAL	10,000.00	0.00	10,000.00
TOTAL:	10,000.00	0.00	10,000.00
FRAC TANK RENTALS	15,000.00	0.00	15,000.00
TOTAL:	15,000.00	0.00	15,000.00
FLOWBACK	47,000.00	0.00	47,000.00
TOTAL:	47,000.00	0.00	47,000.00
STIMULATION AND PUMPING SERVIC	470,000.00	0.00	470,000.00
TOTAL:	470,000.00	0.00	470,000.00
PROPPANT	225,000.00	0.00	225,000.00
TOTAL:	225,000.00	0.00	225,000.00
FUEL, WATER & LUBE	180,000.00	0.00	180,000.00
TOTAL:	180,000.00	0.00	180,000.00
CASING CREWS AND LAYDOWN SER	2,500.00	0.00	2,500.00
TOTAL:	2,500.00	0.00	2,500.00
COMPLETION/WORKOVER RIG	51,500.00	0.00	51,500.00
TOTAL:	51,500.00	0.00	51,500.00
KILL TRUCK	2,500.00	0.00	2,500.00
TOTAL:	2,500.00	0.00	2,500.00
COIL TUBING, SNUBBING, NITRO SVC	10,000.00	0.00	10,000.00
TOTAL:	10,000.00	0.00	10,000.00
CONTRACT LABOR - ARTIFICIAL LIFT	17,500.00	0.00	17,500.00
TOTAL:	17,500.00	0.00	17,500.00
CONTRACT LABOR - ELECTRICAL/AU	20,000.00	0.00	20,000.00
TOTAL:	20,000.00	0.00	20,000.00
CONTRACT LABOR - WELL LEVEL	15,000.00	0.00	15,000.00
TOTAL:	15,000.00	0.00	15,000.00
FACILITY PAD CONSTRUCTION	17,500.00	0.00	17,500.00
TOTAL:	17,500.00	0.00	17,500.00
MISC INTANGIBLE FACILITY COSTS	5,000.00	0.00	5,000.00
TOTAL:	5,000.00	0.00	5,000.00
CONTRACT LABOR - AUTOMATION	5,750.00	0.00	5,750.00
TOTAL:	5,750.00	0.00	5,750.00
EQUIPMENT RENTALS	3,750.00	0.00	3,750.00

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.: C20019		COMPANY	
AFE DESC: AID NORTH 50H		DIVISION	
DATE: 12/16/2020	OPERATOR:		
AFE TYPE: DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,		
GROSS/NET: GROSS	LLC		

	TOTAL:	3,750.00	0.00	3,750.00
FREIGHT & HANDLING		3,750.00	0.00	3,750.00
	TOTAL:	3,750.00	0.00	3,750.00
CONTRACT LABOR - ELECTRICAL		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
FACILITY CONSTRUCTION LABOR		45,000.00	0.00	45,000.00
	TOTAL:	45,000.00	0.00	45,000.00
BITS		1,000.00	0.00	1,000.00
	TOTAL:	1,000.00	0.00	1,000.00
OVERHEAD POWER		12,500.00	0.00	12,500.00
	TOTAL:	12,500.00	0.00	12,500.00
PARTS & SUPPLIES - ARTIFICIAL LIFT		50,000.00	0.00	50,000.00
	TOTAL:	50,000.00	0.00	50,000.00
PARTS & SUPPLIES - ELECTRICAL/AU		5,000.00	0.00	5,000.00
	TOTAL:	5,000.00	0.00	5,000.00
PARTS & SUPPLIES - WELL LEVEL		20,000.00	0.00	20,000.00
	TOTAL:	20,000.00	0.00	20,000.00
TUBING		44,250.00	0.00	44,250.00
	TOTAL:	44,250.00	0.00	44,250.00
TUBING HEAD/XMAS TREE		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
VESSELS		41,750.00	0.00	41,750.00
	TOTAL:	41,750.00	0.00	41,750.00
ELECTRICAL - OVERHEAD & TRANSF		12,500.00	0.00	12,500.00
	TOTAL:	12,500.00	0.00	12,500.00
LACT		18,750.00	0.00	18,750.00
	TOTAL:	18,750.00	0.00	18,750.00
AUTOMATION METERS, SENSORS, V/		23,750.00	0.00	23,750.00
	TOTAL:	23,750.00	0.00	23,750.00
MISC FITTINGS & SUPPLIES		20,000.00	0.00	20,000.00
	TOTAL:	20,000.00	0.00	20,000.00
PUMPS & PUMP SUPPLIES		7,500.00	0.00	7,500.00
	TOTAL:	7,500.00	0.00	7,500.00
MISC TANGIBLE FACILITY COSTS		2,500.00	0.00	2,500.00
	TOTAL:	2,500.00	0.00	2,500.00
TANKS (OIL & WATER)		43,750.00	0.00	43,750.00
	TOTAL:	43,750.00	0.00	43,750.00
CONTAINMENT		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
PIPING		12,500.00	0.00	12,500.00
	TOTAL:	12,500.00	0.00	12,500.00
ELECTRICAL - FACILITY		61,250.00	0.00	61,250.00
	TOTAL:	61,250.00	0.00	61,250.00
TOTAL THIS AFE:		3,907,500.00	0.00	3,907,500.00

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.: C20020		COMPANY
AFE DESC: AID NORTH 51H		DIVISION
DATE: 12/16/2020	OPERATOR:	
AFE TYPE: DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,	
GROSS/NET: GROSS	LLC	

DETAIL OF EXPENDITURES	DRYHOLE	COMPLETION	EQUIP-TIE	SUPPLEMENT	TOTAL	ACTUAL
LOCATION - OPS		20,000.00	0.00		20,000.00	
TOTAL:		20,000.00	0.00		20,000.00	
LOCATION/DAMAGES-LAND		10,000.00	0.00		10,000.00	
TOTAL:		10,000.00	0.00		10,000.00	
TITLE WORK/OPINIONS - LAND		60,000.00	0.00		60,000.00	
TOTAL:		60,000.00	0.00		60,000.00	
SURVEY - LAND		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
DRILLING RENTALS: SURFACE		53,000.00	0.00		53,000.00	
TOTAL:		53,000.00	0.00		53,000.00	
DRILLING RENTALS: SUBSURFACE		25,000.00	0.00		25,000.00	
TOTAL:		25,000.00	0.00		25,000.00	
DRILL MUD & COMPL FLUID		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
WELLSITE SUPERVISION		40,000.00	0.00		40,000.00	
TOTAL:		40,000.00	0.00		40,000.00	
GROUND TRANSPORT		9,000.00	0.00		9,000.00	
TOTAL:		9,000.00	0.00		9,000.00	
CONTRACT DRILLING (DAY RATE/TUF		197,000.00	0.00		197,000.00	
TOTAL:		197,000.00	0.00		197,000.00	
DIRECTIONAL TOOLS AND SERVICES		133,500.00	0.00		133,500.00	
TOTAL:		133,500.00	0.00		133,500.00	
FLUID & CUTTINGS DISPOSAL		45,000.00	0.00		45,000.00	
TOTAL:		45,000.00	0.00		45,000.00	
FRAC TANK RENTALS		250.00	0.00		250.00	
TOTAL:		250.00	0.00		250.00	
BITS		44,000.00	0.00		44,000.00	
TOTAL:		44,000.00	0.00		44,000.00	
COMPANY LABOR		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
FUEL, WATER & LUBE		50,250.00	0.00		50,250.00	
TOTAL:		50,250.00	0.00		50,250.00	
CEMENT		35,000.00	0.00		35,000.00	
TOTAL:		35,000.00	0.00		35,000.00	
CASING CREWS AND LAYDOWN SER		8,500.00	0.00		8,500.00	
TOTAL:		8,500.00	0.00		8,500.00	
PROD CSG CEMENT AND SERVICE		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
MUD LOGGER		13,000.00	0.00		13,000.00	
TOTAL:		13,000.00	0.00		13,000.00	
MOB/DEMOB RIG		13,500.00	0.00		13,500.00	
TOTAL:		13,500.00	0.00		13,500.00	
VACUUM TRUCKING		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
DRILLPIPE INSPECTION		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
CONTRACT LABOR/SERVICES		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
MISC IDC/CONTINGENCY		80,000.00	0.00		80,000.00	
TOTAL:		80,000.00	0.00		80,000.00	
SURFACE CASING		13,000.00	0.00		13,000.00	
TOTAL:		13,000.00	0.00		13,000.00	
INTERMEDIATE CASING		24,000.00	0.00		24,000.00	
TOTAL:		24,000.00	0.00		24,000.00	
PRODUCTION/LINER CASING		239,500.00	0.00		239,500.00	
TOTAL:		239,500.00	0.00		239,500.00	
CONDUCTOR PIPE		20,000.00	0.00		20,000.00	

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.:	C20020	COMPANY	
AFE DESC:	AID NORTH 51H	DIVISION	
DATE:	12/16/2020	OPERATOR:	
AFE TYPE:	DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,	
GROSS/NET:	GROSS	LLC	

	TOTAL:	20,000.00	0.00	20,000.00
WELLHEAD		19,000.00	0.00	19,000.00
	TOTAL:	19,000.00	0.00	19,000.00
LINER HANGER/CASING ACCESSORY		25,000.00	0.00	25,000.00
	TOTAL:	25,000.00	0.00	25,000.00
EQUIP RENT		66,000.00	0.00	66,000.00
	TOTAL:	66,000.00	0.00	66,000.00
RENTALS: SURFACE IRON		97,500.00	0.00	97,500.00
	TOTAL:	97,500.00	0.00	97,500.00
DRILLING RENTALS: SUBSURFACE		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
DRILL MUD & COMPL FLUID		412,500.00	0.00	412,500.00
	TOTAL:	412,500.00	0.00	412,500.00
WELLSITE SUPERVISION		68,750.00	0.00	68,750.00
	TOTAL:	68,750.00	0.00	68,750.00
COMPLETION CHEMICALS		165,000.00	0.00	165,000.00
	TOTAL:	165,000.00	0.00	165,000.00
GROUND TRANSPORT		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
PUMPDOWN		37,500.00	0.00	37,500.00
	TOTAL:	37,500.00	0.00	37,500.00
CASED HOLE WIRELINE		123,000.00	0.00	123,000.00
	TOTAL:	123,000.00	0.00	123,000.00
FRAC PLUGS		66,000.00	0.00	66,000.00
	TOTAL:	66,000.00	0.00	66,000.00
FRAC/FLUID SW DISPOSAL		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
FRAC TANK RENTALS		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
FLOWBACK		47,000.00	0.00	47,000.00
	TOTAL:	47,000.00	0.00	47,000.00
STIMULATION AND PUMPING SERVIC		470,000.00	0.00	470,000.00
	TOTAL:	470,000.00	0.00	470,000.00
PROPPANT		225,000.00	0.00	225,000.00
	TOTAL:	225,000.00	0.00	225,000.00
FUEL, WATER & LUBE		180,000.00	0.00	180,000.00
	TOTAL:	180,000.00	0.00	180,000.00
CASING CREWS AND LAYDOWN SER		2,500.00	0.00	2,500.00
	TOTAL:	2,500.00	0.00	2,500.00
COMPLETION/WORKOVER RIG		51,500.00	0.00	51,500.00
	TOTAL:	51,500.00	0.00	51,500.00
KILL TRUCK		2,500.00	0.00	2,500.00
	TOTAL:	2,500.00	0.00	2,500.00
COIL TUBING, SNUBBING, NITRO SVC		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
CONTRACT LABOR - ARTIFICIAL LIFT		17,500.00	0.00	17,500.00
	TOTAL:	17,500.00	0.00	17,500.00
CONTRACT LABOR - ELECTRICAL/AU		20,000.00	0.00	20,000.00
	TOTAL:	20,000.00	0.00	20,000.00
CONTRACT LABOR - WELL LEVEL		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
FACILITY PAD CONSTRUCTION		17,500.00	0.00	17,500.00
	TOTAL:	17,500.00	0.00	17,500.00
MISC INTANGIBLE FACILITY COSTS		5,000.00	0.00	5,000.00
	TOTAL:	5,000.00	0.00	5,000.00
CONTRACT LABOR - AUTOMATION		5,750.00	0.00	5,750.00
	TOTAL:	5,750.00	0.00	5,750.00
EQUIPMENT RENTALS		3,750.00	0.00	3,750.00

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.: C20020		COMPANY	
AFE DESC: AID NORTH 51H		DIVISION	
DATE: 12/16/2020	OPERATOR:		
AFE TYPE: DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,		
GROSS/NET: GROSS	LLC		

	TOTAL:	3,750.00	0.00	3,750.00
FREIGHT & HANDLING		3,750.00	0.00	3,750.00
	TOTAL:	3,750.00	0.00	3,750.00
CONTRACT LABOR - ELECTRICAL		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
FACILITY CONSTRUCTION LABOR		45,000.00	0.00	45,000.00
	TOTAL:	45,000.00	0.00	45,000.00
BITS		1,000.00	0.00	1,000.00
	TOTAL:	1,000.00	0.00	1,000.00
OVERHEAD POWER		12,500.00	0.00	12,500.00
	TOTAL:	12,500.00	0.00	12,500.00
PARTS & SUPPLIES - ARTIFICIAL LIFT		50,000.00	0.00	50,000.00
	TOTAL:	50,000.00	0.00	50,000.00
PARTS & SUPPLIES - ELECTRICAL/AU		5,000.00	0.00	5,000.00
	TOTAL:	5,000.00	0.00	5,000.00
PARTS & SUPPLIES - WELL LEVEL		20,000.00	0.00	20,000.00
	TOTAL:	20,000.00	0.00	20,000.00
TUBING		44,250.00	0.00	44,250.00
	TOTAL:	44,250.00	0.00	44,250.00
TUBING HEAD/XMAS TREE		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
VESSELS		41,750.00	0.00	41,750.00
	TOTAL:	41,750.00	0.00	41,750.00
ELECTRICAL - OVERHEAD & TRANSF		12,500.00	0.00	12,500.00
	TOTAL:	12,500.00	0.00	12,500.00
LACT		18,750.00	0.00	18,750.00
	TOTAL:	18,750.00	0.00	18,750.00
AUTOMATION METERS, SENSORS, V/		23,750.00	0.00	23,750.00
	TOTAL:	23,750.00	0.00	23,750.00
MISC FITTINGS & SUPPLIES		20,000.00	0.00	20,000.00
	TOTAL:	20,000.00	0.00	20,000.00
PUMPS & PUMP SUPPLIES		7,500.00	0.00	7,500.00
	TOTAL:	7,500.00	0.00	7,500.00
MISC TANGIBLE FACILITY COSTS		2,500.00	0.00	2,500.00
	TOTAL:	2,500.00	0.00	2,500.00
TANKS (OIL & WATER)		43,750.00	0.00	43,750.00
	TOTAL:	43,750.00	0.00	43,750.00
CONTAINMENT		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
PIPING		12,500.00	0.00	12,500.00
	TOTAL:	12,500.00	0.00	12,500.00
ELECTRICAL - FACILITY		61,250.00	0.00	61,250.00
	TOTAL:	61,250.00	0.00	61,250.00
TOTAL THIS AFE:		3,907,500.00	0.00	3,907,500.00

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.: C20021		COMPANY
AFE DESC: AID NORTH 70H		DIVISION
DATE: 12/16/2020	OPERATOR:	
AFE TYPE: DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,	
GROSS/NET: GROSS	LLC	

DETAIL OF EXPENDITURES	DRYHOLE	COMPLETION	EQUIP-TIE	SUPPLEMENT	TOTAL	ACTUAL
LOCATION - OPS		20,000.00	0.00		20,000.00	
TOTAL:		20,000.00	0.00		20,000.00	
LOCATION/DAMAGES-LAND		10,000.00	0.00		10,000.00	
TOTAL:		10,000.00	0.00		10,000.00	
TITLE WORK/OPINIONS - LAND		60,000.00	0.00		60,000.00	
TOTAL:		60,000.00	0.00		60,000.00	
SURVEY - LAND		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
DRILLING RENTALS: SURFACE		53,000.00	0.00		53,000.00	
TOTAL:		53,000.00	0.00		53,000.00	
DRILLING RENTALS: SUBSURFACE		25,000.00	0.00		25,000.00	
TOTAL:		25,000.00	0.00		25,000.00	
DRILL MUD & COMPL FLUID		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
WELLSITE SUPERVISION		40,000.00	0.00		40,000.00	
TOTAL:		40,000.00	0.00		40,000.00	
GROUND TRANSPORT		9,000.00	0.00		9,000.00	
TOTAL:		9,000.00	0.00		9,000.00	
CONTRACT DRILLING (DAY RATE/TUF		197,000.00	0.00		197,000.00	
TOTAL:		197,000.00	0.00		197,000.00	
DIRECTIONAL TOOLS AND SERVICES		133,500.00	0.00		133,500.00	
TOTAL:		133,500.00	0.00		133,500.00	
FLUID & CUTTINGS DISPOSAL		45,000.00	0.00		45,000.00	
TOTAL:		45,000.00	0.00		45,000.00	
FRAC TANK RENTALS		250.00	0.00		250.00	
TOTAL:		250.00	0.00		250.00	
BITS		44,000.00	0.00		44,000.00	
TOTAL:		44,000.00	0.00		44,000.00	
COMPANY LABOR		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
FUEL, WATER & LUBE		50,250.00	0.00		50,250.00	
TOTAL:		50,250.00	0.00		50,250.00	
CEMENT		35,000.00	0.00		35,000.00	
TOTAL:		35,000.00	0.00		35,000.00	
CASING CREWS AND LAYDOWN SER		8,500.00	0.00		8,500.00	
TOTAL:		8,500.00	0.00		8,500.00	
PROD CSG CEMENT AND SERVICE		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
MUD LOGGER		13,000.00	0.00		13,000.00	
TOTAL:		13,000.00	0.00		13,000.00	
MOB/DEMOB RIG		13,500.00	0.00		13,500.00	
TOTAL:		13,500.00	0.00		13,500.00	
VACUUM TRUCKING		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
DRILLPIPE INSPECTION		5,000.00	0.00		5,000.00	
TOTAL:		5,000.00	0.00		5,000.00	
CONTRACT LABOR/SERVICES		30,000.00	0.00		30,000.00	
TOTAL:		30,000.00	0.00		30,000.00	
MISC IDC/CONTINGENCY		80,000.00	0.00		80,000.00	
TOTAL:		80,000.00	0.00		80,000.00	
SURFACE CASING		13,000.00	0.00		13,000.00	
TOTAL:		13,000.00	0.00		13,000.00	
INTERMEDIATE CASING		24,000.00	0.00		24,000.00	
TOTAL:		24,000.00	0.00		24,000.00	
PRODUCTION/LINER CASING		239,500.00	0.00		239,500.00	
TOTAL:		239,500.00	0.00		239,500.00	
CONDUCTOR PIPE		20,000.00	0.00		20,000.00	

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.:	C20021	COMPANY	
AFE DESC:	AID NORTH 70H	DIVISION	
DATE:	12/16/2020	OPERATOR:	
AFE TYPE:	DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,	
GROSS/NET:	GROSS	LLC	

	TOTAL:	20,000.00	0.00	20,000.00
WELLHEAD		19,000.00	0.00	19,000.00
	TOTAL:	19,000.00	0.00	19,000.00
LINER HANGER/CASING ACCESSORY		25,000.00	0.00	25,000.00
	TOTAL:	25,000.00	0.00	25,000.00
EQUIP RENT		66,000.00	0.00	66,000.00
	TOTAL:	66,000.00	0.00	66,000.00
RENTALS: SURFACE IRON		97,500.00	0.00	97,500.00
	TOTAL:	97,500.00	0.00	97,500.00
DRILLING RENTALS: SUBSURFACE		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
DRILL MUD & COMPL FLUID		412,500.00	0.00	412,500.00
	TOTAL:	412,500.00	0.00	412,500.00
WELLSITE SUPERVISION		68,750.00	0.00	68,750.00
	TOTAL:	68,750.00	0.00	68,750.00
COMPLETION CHEMICALS		165,000.00	0.00	165,000.00
	TOTAL:	165,000.00	0.00	165,000.00
GROUND TRANSPORT		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
PUMPDOWN		37,500.00	0.00	37,500.00
	TOTAL:	37,500.00	0.00	37,500.00
CASED HOLE WIRELINE		123,000.00	0.00	123,000.00
	TOTAL:	123,000.00	0.00	123,000.00
FRAC PLUGS		66,000.00	0.00	66,000.00
	TOTAL:	66,000.00	0.00	66,000.00
FRAC/FLUID SW DISPOSAL		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
FRAC TANK RENTALS		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
FLOWBACK		47,000.00	0.00	47,000.00
	TOTAL:	47,000.00	0.00	47,000.00
STIMULATION AND PUMPING SERVIC		470,000.00	0.00	470,000.00
	TOTAL:	470,000.00	0.00	470,000.00
PROPPANT		225,000.00	0.00	225,000.00
	TOTAL:	225,000.00	0.00	225,000.00
FUEL, WATER & LUBE		180,000.00	0.00	180,000.00
	TOTAL:	180,000.00	0.00	180,000.00
CASING CREWS AND LAYDOWN SER		2,500.00	0.00	2,500.00
	TOTAL:	2,500.00	0.00	2,500.00
COMPLETION/WORKOVER RIG		51,500.00	0.00	51,500.00
	TOTAL:	51,500.00	0.00	51,500.00
KILL TRUCK		2,500.00	0.00	2,500.00
	TOTAL:	2,500.00	0.00	2,500.00
COIL TUBING, SNUBBING, NITRO SVC		10,000.00	0.00	10,000.00
	TOTAL:	10,000.00	0.00	10,000.00
CONTRACT LABOR - ARTIFICIAL LIFT		17,500.00	0.00	17,500.00
	TOTAL:	17,500.00	0.00	17,500.00
CONTRACT LABOR - ELECTRICAL/AU		20,000.00	0.00	20,000.00
	TOTAL:	20,000.00	0.00	20,000.00
CONTRACT LABOR - WELL LEVEL		15,000.00	0.00	15,000.00
	TOTAL:	15,000.00	0.00	15,000.00
FACILITY PAD CONSTRUCTION		17,500.00	0.00	17,500.00
	TOTAL:	17,500.00	0.00	17,500.00
MISC INTANGIBLE FACILITY COSTS		5,000.00	0.00	5,000.00
	TOTAL:	5,000.00	0.00	5,000.00
CONTRACT LABOR - AUTOMATION		5,750.00	0.00	5,750.00
	TOTAL:	5,750.00	0.00	5,750.00
EQUIPMENT RENTALS		3,750.00	0.00	3,750.00

SEP Permian LLC

AUTHORITY FOR EXPENDITURE

AFE NO.:	C20021	COMPANY	
AFE DESC:	AID NORTH 70H	DIVISION	
DATE:	12/16/2020	OPERATOR:	
AFE TYPE:	DRILL COMPLETE AND EQUIP	102 - SEP PERMIAN,	
GROSS/NET:	GROSS	LLC	

TOTAL:	3,750.00	0.00	3,750.00	
FREIGHT & HANDLING	3,750.00	0.00	3,750.00	
TOTAL:	3,750.00	0.00	3,750.00	
CONTRACT LABOR - ELECTRICAL	10,000.00	0.00	10,000.00	
TOTAL:	10,000.00	0.00	10,000.00	
FACILITY CONSTRUCTION LABOR	45,000.00	0.00	45,000.00	
TOTAL:	45,000.00	0.00	45,000.00	
BITS	1,000.00	0.00	1,000.00	
TOTAL:	1,000.00	0.00	1,000.00	
OVERHEAD POWER	12,500.00	0.00	12,500.00	
TOTAL:	12,500.00	0.00	12,500.00	
PARTS & SUPPLIES - ARTIFICIAL LIFT	50,000.00	0.00	50,000.00	
TOTAL:	50,000.00	0.00	50,000.00	
PARTS & SUPPLIES - ELECTRICAL/AU	5,000.00	0.00	5,000.00	
TOTAL:	5,000.00	0.00	5,000.00	
PARTS & SUPPLIES - WELL LEVEL	20,000.00	0.00	20,000.00	
TOTAL:	20,000.00	0.00	20,000.00	
TUBING	44,250.00	0.00	44,250.00	
TOTAL:	44,250.00	0.00	44,250.00	
TUBING HEAD/XMAS TREE	10,000.00	0.00	10,000.00	
TOTAL:	10,000.00	0.00	10,000.00	
VESSELS	41,750.00	0.00	41,750.00	
TOTAL:	41,750.00	0.00	41,750.00	
ELECTRICAL - OVERHEAD & TRANSF	12,500.00	0.00	12,500.00	
TOTAL:	12,500.00	0.00	12,500.00	
LACT	18,750.00	0.00	18,750.00	
TOTAL:	18,750.00	0.00	18,750.00	
AUTOMATION METERS, SENSORS, V/	23,750.00	0.00	23,750.00	
TOTAL:	23,750.00	0.00	23,750.00	
MISC FITTINGS & SUPPLIES	20,000.00	0.00	20,000.00	
TOTAL:	20,000.00	0.00	20,000.00	
PUMPS & PUMP SUPPLIES	7,500.00	0.00	7,500.00	
TOTAL:	7,500.00	0.00	7,500.00	
MISC TANGIBLE FACILITY COSTS	2,500.00	0.00	2,500.00	
TOTAL:	2,500.00	0.00	2,500.00	
TANKS (OIL & WATER)	43,750.00	0.00	43,750.00	
TOTAL:	43,750.00	0.00	43,750.00	
CONTAINMENT	15,000.00	0.00	15,000.00	
TOTAL:	15,000.00	0.00	15,000.00	
PIPING	12,500.00	0.00	12,500.00	
TOTAL:	12,500.00	0.00	12,500.00	
ELECTRICAL - FACILITY	61,250.00	0.00	61,250.00	
TOTAL:	61,250.00	0.00	61,250.00	
TOTAL THIS AFE:	3,907,500.00	0.00	3,907,500.00	



May 12, 2021

Longfellow LH, LLC
8115 Preston Road, Suite 800
Dallas, Texas 75225

RE: Well Proposal
Aid North 10H, 11H, 12H, 50H, 51H and 70H
NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E
Eddy County, New Mexico

To Whom It May Concern,

Spur Energy Partners LLC, ("SPUR"), hereby **updates** its proposal dated January 4, 2021 to drill and complete the **Aid North 10H, 11H, 12H, 50H, 51H and 70H** wells to the approximate total vertical depths as referenced below as horizontal Yeso wells (the "Subject Wells") at the following **updated** proposed locations (subject to change upon staking and survey).

ORIGINAL PROPOSAL with NO UPDATES:

Aid North 10H Well – Horizontal Yeso Well, Eddy County, NM

- Proposed Surface Hole Location – 1,250' FNL & 1,745' FEL, Section 14, T17S-R28E
- Proposed Bottom Hole Location – 330' FNL & 100' FEL, Section 13, T17S-R28E
- TVD: 4065'
- Estimated completed producing well cost: \$3,810,000.00

ORIGINAL PROPOSAL:

Aid North 11H Well – Horizontal Yeso Well, Eddy County, NM

- Proposed Surface Hole Location – 1,190' FNL & 1,745' FEL, Section 14, T17S-R28E
- Proposed Bottom Hole Location – 1,330' FNL & 100' FEL, Section 13, T17S-R28E
- TVD: 4,065'
- Estimated completed producing well cost: \$3,810,000.00

UPDATED PROPOSAL:

Aid North 11H Well – Horizontal Yeso Well, Eddy County, NM

- Proposed Bottom Hole Location – 1,220' FNL & 100' FEL, Section 13, T17S-R28E

RE: Well Proposal

**Aid North 10H, 11H, 12H, 50H, 51H and 70H
NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E
Eddy County, New Mexico**

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ORIGINAL PROPOSAL:**Aid North 12H Well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Surface Hole Location – 1,230' FNL & 1,745' FEL, Section 14, T17S-R28E
- Proposed Bottom Hole Location – 2,330' FNL & 100' FEL, Section 13, T17S-R28E
- TVD: 4,065'
- Estimated completed producing well cost: \$3,810,000.00

UPDATED PROPOSAL:**Aid North 12H Well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Bottom Hole Location – 2,110' FNL & 100' FEL, Section 13, T17S-R28E

ORIGINAL PROPOSAL with NO UPDATES:**Aid North 50H Well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Surface Hole Location – 1,230' FNL & 1,745' FEL, Section 14, T17S-R28E
- Proposed Bottom Hole Location – 430' FNL & 100' FEL, Section 13, T17S-R28E
- TVD: 4,430'
- Estimated completed producing well cost: \$3,907,500.00

ORIGINAL PROPOSAL:**Aid North 51H Well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Surface Hole Location – 1,250' FNL & 1,745' FEL, Section 14, T17S-R28E
- Proposed Bottom Hole Location – 2,430' FNL & 100' FEL, Section 13, T17S-R28E
- TVD: 4,430'
- Estimated completed producing well cost: \$3,907,500.00

UPDATED PROPOSAL:**Aid North 51H Well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Bottom Hole Location – 2,300' FNL & 100' FEL, Section 13, T17S-R28E

ORIGINAL PROPOSAL:**Aid North 70H Well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Surface Hole Location – 1,210' FNL & 1,745' FEL, Section 14, T17S-R28E
- Proposed Bottom Hole Location – 1,430' FNL & 100' FEL, Section 13, T17S-R28E
- TVD: 4,645'
- Estimated completed producing well cost: \$3,907,500.00

UPDATED PROPOSAL:**Aid North 70H Well – Horizontal Yeso Well, Eddy County, NM**

- Proposed Bottom Hole Location – 1,365' FNL & 100' FEL, Section 13, T17S-R28E

RE: Well Proposal
Aid North 10H, 11H, 12H, 50H, 51H and 70H
NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E
Eddy County, New Mexico

Page 3

SPUR proposes to form a Drilling Spacing Unit ("DSU") covering the NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E, Eddy County, New Mexico, containing 480 acres of land, more or less, from the top of the Yeso formation to the base of 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 proposes entering into a new joint operating agreement dated December 1, 2020, 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 operations within the DSU. The NJOA has the following general provisions:

- Effective Date of December 1, 2020
- Contract Area consisting of NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E
- Limited in depth from the top of the Yeso to the base of the Yeso formation
- 100%/300%/300% non-consenting penalty
- \$7,000/\$700 drilling and producing monthly overhead rate
- Spur Energy Partners LLC named as Operator

The enclosed AFEs reflect the total estimated drilling and completion costs for each well. The AFEs are an estimate only and those parties electing to participate in the Subject Wells shall be responsible for their share of actual well costs, whether more or less than those shown on the enclosed AFEs.

SPUR respectfully requests that you select one of the following three options with regard to your interest in the proposed wells:

Option 1: Participate in the drilling and completion of the proposed well and agree to enter into the NJOA with the terms specified above.

Option 2: Not participate in the proposed well (an election of "Non-Consent").

Option 3: Execute an assignment of your leasehold rights to SPUR for \$1,500.00 per net acre.

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 supply you the NJOA. In the event you elect to assign your leasehold interest under the terms outlined above in Option 3, upon receipt of your election, SPUR will submit the Assignment to you for your review and execution.

SPUR looks forward to working with you on this matter. However, if an agreement cannot be reached within 30 days of the receipt date of this proposal, please be advised SPUR may apply to the New Mexico Oil Conservation Division for Compulsory Pooling of any uncommitted interest owners into a spacing unit for the proposed wells.

RE: Well Proposal
Aid North 10H, 11H, 12H, 50H, 51H and 70H
NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E
Eddy County, New Mexico

Page 4

Please indicate your elections as to the Subject Wells in the spaces provided below and execute and return a copy of this letter to the undersigned within 30 days of receipt of this proposal. A pre-paid envelope is enclosed for your convenience. Should you have any questions regarding this proposal, please contact me via email at paul@spurepllc.com.

Sincerely,



Paul Eschete
EVP Land

Enclosures

RE: Well Proposal
Aid North 10H, 11H, 12H, 50H, 51H and 70H
NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E
Eddy County, New Mexico

Page 4

Aid North 10H, 11H, 12H, 50H, 51H and 70H
Owner: Longfellow LH, LLC

_____ **Option 1)** *The undersigned elects to participate in the drilling and completion of the Aid North 10H, 11H, 12H, 50H, 51H and 70H wells and agrees to the formation of the DSU and to the terms of the NJOA as detailed in this proposal, with the cost and maintenance of all surface facilities, including any shared well pads, being reapportioned between each well drilled in the DSU.*

_____ **Option 2)** *The undersigned elects not to participate in the drilling and completion of the Aid North 10H, 11H, 12H, 50H, 51H and 70H wells.*

_____ **Option 3)** *The undersigned hereby elects to assign their working interest in the NE/4 Section 14, T17S-R28E and N/2 Section 13, T17S-R28E to SPUR for \$1,500 per net acre (all rights owned).*

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 _____, 2021.

Company/Individual: _____

By: _____

Name: _____

Title: _____



Authority for Expenditure
Drill, Complete, & Equip



Operator : Spur Energy Partners LLC	AFE # : C20016
Well Name : AID NORTH 10H	
Location : NEW MEXICO / EDDY	
Project : _____	
Description : _____	

INTANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		\$/Bths	Net	\$/Bths	Net	\$/Bths	Net
2050-1000	LOCATION - OPS	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2050-1900	GROUND TRANSPORT	\$ 9,000	\$ -	\$ -	\$ -	\$ 9,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURNKEY)	\$ 173,000	\$ -	\$ -	\$ -	\$ 173,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 115,500	\$ -	\$ -	\$ -	\$ 115,500	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 250	\$ -	\$ -	\$ -	\$ 250	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 30,500	\$ -	\$ -	\$ -	\$ 30,500	\$ -
2050-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3400	DESIGN & ENGINEERING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3600	COMPANY LABOR	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-3800	NON OPERATED CHARGES - IDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3900	FUEL, WATER & LUBE	\$ 42,500	\$ -	\$ -	\$ -	\$ 42,500	\$ -
2050-4000	CEMENT	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 8,500	\$ -	\$ -	\$ -	\$ 8,500	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 11,000	\$ -	\$ -	\$ -	\$ 11,000	\$ -
2050-8001	MOB/DEMOB RIG	\$ 13,500	\$ -	\$ -	\$ -	\$ 13,500	\$ -
2050-8003	VACUUM TRUCKING	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 71,750	\$ -	\$ -	\$ -	\$ 71,750	\$ -
INTANGIBLE DRILLING SUBTOTAL		\$ 860,500	\$ -	\$ -	\$ -	\$ 860,500	\$ -

TANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		\$/Bths	Net	\$/Bths	Net	\$/Bths	Net
2051-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3800	NON OPERATED CHARGES - TDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5100	SURFACE CASING	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2051-5200	INTERMEDIATE CASING	\$ 24,000	\$ -	\$ -	\$ -	\$ 24,000	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 228,500	\$ -	\$ -	\$ -	\$ 228,500	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 19,000	\$ -	\$ -	\$ -	\$ 19,000	\$ -
2051-5601	LINER HANGER/CASING ACCESSORY	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE DRILLING SUBTOTAL		\$ 329,500	\$ -	\$ -	\$ -	\$ 329,500	\$ -
DRILLING TOTAL		\$ 1,190,000	\$ -	\$ -	\$ -	\$ 1,190,000	\$ -

INTANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		\$/Bths	Net	\$/Bths	Net	\$/Bths	Net
2055-1000	LOCATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1001	TITLE WORK AND OPINIONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1002	OUTSIDE LEGAL SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1300	EQUIP RENT	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 97,500	\$ -	\$ -	\$ -	\$ 97,500	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 412,500	\$ -	\$ -	\$ -	\$ 412,500	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 68,750	\$ -	\$ -	\$ -	\$ 68,750	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 165,000	\$ -	\$ -	\$ -	\$ 165,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 37,500	\$ -	\$ -	\$ -	\$ 37,500	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 123,000	\$ -	\$ -	\$ -	\$ 123,000	\$ -
2055-2300	FRAC PLUGS	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2403	FLOWBACK	\$ 47,000	\$ -	\$ -	\$ -	\$ 47,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ -
2055-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 470,000	\$ -	\$ -	\$ -	\$ 470,000	\$ -
2055-3400	PROPPANT	\$ 225,000	\$ -	\$ -	\$ -	\$ 225,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 180,000	\$ -	\$ -	\$ -	\$ 180,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 51,500	\$ -	\$ -	\$ -	\$ 51,500	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING/SNUBBING/NITRO SVC	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2055-8006	CONTRACT LABOR - ELECTRICAL/AUTOMATION	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-8007	CONTRACT LABOR - WELL LEVEL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-8008	CONTRACT LABOR - FRAC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE COMPLETION SUBTOTAL		\$ 2,128,250	\$ -	\$ -	\$ -	\$ 2,128,250	\$ -

TANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		#/Bths	Net	#/Bths	Net	#/Bths	Net
2065-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3800	NON OPERATED CHARGES - TCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-4102	WATER SUPPLY WELL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5001	OVERHEAD POWER	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 44,250	\$ -	\$ -	\$ -	\$ 44,250	\$ -
2065-5200	TUBING HEAD/XMAS TREE	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2065-5300	SUBSURFACE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5400	PACKER AND SUBSURFACE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5500	SUBSURFACE PUMP, RODS, AND ACCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5600	PUMPING & LIFTING EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5900	HEALTH, SAFETY, AND ENVIRONMENTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5901	LINER HANGER/CASING ACCESSORY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5902	PACKERS/OTHER DOWNHOLE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5903	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE COMPLETION SUBTOTAL		\$ 141,750	\$ -	\$ -	\$ -	\$ 141,750	\$ -
COMPLETION TOTAL		\$ 2,270,000	\$ -	\$ -	\$ -	\$ 2,270,000	\$ -

INTANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		#/Bths	Net	#/Bths	Net	#/Bths	Net
2056-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2002	FACILITY PAD CONSTRUCTION	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2056-2006	MISC INTANGIBLE FACILITY COSTS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2008	CONTRACT LABOR - AUTOMATION	\$ 5,750	\$ -	\$ -	\$ -	\$ 5,750	\$ -
2056-2009	EQUIPMENT RENTALS	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750	\$ -
2056-2010	FREIGHT & HANDLING	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750	\$ -
2056-2012	CONTRACT LABOR - ELECTRICAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2056-2013	FACILITY CONSTRUCTION LABOR	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2056-2014	PIPELINE LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2016	LOCATION/DAMAGES/ROW-LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2017	TITLE WORK/LANDMAN SERVICES - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2019	NON OPERATED CHARGES - IFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE FACILITY SUBTOTAL		\$ 80,750	\$ -	\$ -	\$ -	\$ 80,750	\$ -

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		#/Bths	Net	#/Bths	Net	#/Bths	Net
2066-1200	VESSELS	\$ 41,750	\$ -	\$ -	\$ -	\$ 41,750	\$ -
2066-1300	COMPRESSORS/COMPRESSOR PACKAGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-1500	ELECTRICAL - OVERHEAD & TRANSFORMERS	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2066-1600	LACT	\$ 18,750	\$ -	\$ -	\$ -	\$ 18,750	\$ -
2066-1700	AUTOMATION METERS, SENSORS, VALVES, & SCREENS	\$ 23,750	\$ -	\$ -	\$ -	\$ 23,750	\$ -
2066-1900	LEASE AND FLOW LINES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2000	CATHODIC PRCT-SOLAR PWD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2003	MISC FITTINGS & SUPPLIES	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2066-2004	PUMPS & PUMP SUPPLIES	\$ 7,500	\$ -	\$ -	\$ -	\$ 7,500	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2008	MISC TANGIBLE FACILITY COSTS	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 43,750	\$ -	\$ -	\$ -	\$ 43,750	\$ -
2066-2015	CONTAINMENT	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-2017	SWD WELLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2018	NON OPERATED CHARGES - TFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2019	PIPING	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2066-2020	ELECTRICAL - FACILITY	\$ 61,250	\$ -	\$ -	\$ -	\$ 61,250	\$ -
TANGIBLE FACILITY SUBTOTAL		\$ 288,250	\$ -	\$ -	\$ -	\$ 288,250	\$ -
FACILITY TOTAL		\$ 369,000	\$ -	\$ -	\$ -	\$ 369,000	\$ -

AID NORTH 10H TOTAL WELL ESTIMATE	Original #/Bths	Original Net	Supplement #/Bths	Supplement Net	Total #/Bths	Total Net
DRILLING TOTAL	\$ 1,190,000	\$ -	\$ -	\$ -	\$ 1,190,000	\$ -
COMPLETION TOTAL	\$ 2,270,000	\$ -	\$ -	\$ -	\$ 2,270,000	\$ -
FACILITY TOTAL	\$ 369,000	\$ -	\$ -	\$ -	\$ 369,000	\$ -
TOTAL WELL COST	\$ 3,819,000	\$ -	\$ -	\$ -	\$ 3,819,000	\$ -

Partner Approval

Signed _____ Company _____

Name _____ Date _____

Title _____



Authority for Expenditure
Drill, Complete, & Equip



Operator: <u>Spur Energy Partners LLC</u>	AFE #: <u>C20017</u>
Well Name: <u>AID NORTH 11H</u>	
Location: <u>NEW MEXICO / EDDY</u>	
Project Description:	

INTANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2050-1000	LOCATION - OPS	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2050-1900	GROUND TRANSPORT	\$ 9,000	\$ -	\$ -	\$ -	\$ 9,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURNKEY)	\$ 173,000	\$ -	\$ -	\$ -	\$ 173,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 115,500	\$ -	\$ -	\$ -	\$ 115,500	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 250	\$ -	\$ -	\$ -	\$ 250	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 30,500	\$ -	\$ -	\$ -	\$ 30,500	\$ -
2050-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3400	DESIGN & ENGINEERING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3600	COMPANY LABOR	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-3800	NON OPERATED CHARGES - IDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3900	FUEL, WATER & LUBE	\$ 42,500	\$ -	\$ -	\$ -	\$ 42,500	\$ -
2050-4000	CEMENT	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 8,500	\$ -	\$ -	\$ -	\$ 8,500	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 11,000	\$ -	\$ -	\$ -	\$ 11,000	\$ -
2050-8001	MOB/DEMOB RIG	\$ 13,500	\$ -	\$ -	\$ -	\$ 13,500	\$ -
2050-8003	VACUUM TRUCKING	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 71,750	\$ -	\$ -	\$ -	\$ 71,750	\$ -
	INTANGIBLE DRILLING SUBTOTAL	\$ 860,500	\$ -	\$ -	\$ -	\$ 860,500	\$ -

TANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2051-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3800	NON OPERATED CHARGES - TDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5100	SURFACE CASING	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2051-5200	INTERMEDIATE CASING	\$ 24,000	\$ -	\$ -	\$ -	\$ 24,000	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 228,500	\$ -	\$ -	\$ -	\$ 228,500	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 19,000	\$ -	\$ -	\$ -	\$ 19,000	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	TANGIBLE DRILLING SUBTOTAL	\$ 329,500	\$ -	\$ -	\$ -	\$ 329,500	\$ -
	DRILLING TOTAL	\$ 1,189,999	\$ -	\$ -	\$ -	\$ 1,189,999	\$ -

INTANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2055-1000	LOCATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1001	TITLE WORK AND OPINIONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1002	OUTSIDE LEGAL SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1300	EQUIP RENT	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 97,500	\$ -	\$ -	\$ -	\$ 97,500	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 412,500	\$ -	\$ -	\$ -	\$ 412,500	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 68,750	\$ -	\$ -	\$ -	\$ 68,750	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 165,000	\$ -	\$ -	\$ -	\$ 165,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 37,500	\$ -	\$ -	\$ -	\$ 37,500	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 123,000	\$ -	\$ -	\$ -	\$ 123,000	\$ -
2055-2300	FRAC PLUGS	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SIW DISPOSAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2403	FLOWBACK	\$ 47,000	\$ -	\$ -	\$ -	\$ 47,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3000	BITS	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 470,000	\$ -	\$ -	\$ -	\$ 470,000	\$ -
2055-3400	PROPPANT	\$ 225,000	\$ -	\$ -	\$ -	\$ 225,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 180,000	\$ -	\$ -	\$ -	\$ 180,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 51,500	\$ -	\$ -	\$ -	\$ 51,500	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING, SNUBBING, NITRO SVC	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2055-8006	CONTRACT LABOR - ELECTRICAL/AUTOMATION	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-8007	CONTRACT LABOR - WELL LEVEL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-8008	CONTRACT LABOR - FRAC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE COMPLETION SUBTOTAL		\$ 2,128,250	\$ -	\$ -	\$ -	\$ 2,128,250	\$ -

TANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2065-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3800	NON OPERATED CHARGES - TCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-4102	WATER SUPPLY WELL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5001	OVERHEAD POWER	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 44,250	\$ -	\$ -	\$ -	\$ 44,250	\$ -
2065-5200	TUBING HEAD/XMAS TREE	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2065-5300	SUBSURFACE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5400	PACKER AND SUBSURFACE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5500	SUBSURFACE PUMP, RODS, AND ACCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5600	PUMPING & LIFTING EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5900	HEALTH, SAFETY, AND ENVIRONMENTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5901	LINER HANGER/CASING ACCESSORY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5902	PACKERS/OTHER DOWNHOLE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5903	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE COMPLETION SUBTOTAL		\$ 141,750	\$ -	\$ -	\$ -	\$ 141,750	\$ -
COMPLETION TOTAL		\$ 2,270,000	\$ -	\$ -	\$ -	\$ 2,270,000	\$ -

INTANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2056-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2002	FACILITY PAD CONSTRUCTION	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2056-2006	MISC INTANGIBLE FACILITY COSTS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2008	CONTRACT LABOR - AUTOMATION	\$ 5,750	\$ -	\$ -	\$ -	\$ 5,750	\$ -
2056-2009	EQUIPMENT RENTALS	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750	\$ -
2056-2010	FREIGHT & HANDLING	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750	\$ -
2056-2012	CONTRACT LABOR - ELECTRICAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2056-2013	FACILITY CONSTRUCTION LABOR	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2056-2014	PIPELINE LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2016	LOCATION/DAMAGES/ROW-LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2017	TITLE WORK/LANDMAN SERVICES - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2019	NON OPERATED CHARGES - IFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE FACILITY SUBTOTAL		\$ 90,750	\$ -	\$ -	\$ -	\$ 90,750	\$ -

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2066-1200	VESSELS	\$ 41,750	\$ -	\$ -	\$ -	\$ 41,750	\$ -
2066-1300	COMPRESSORS/COMPRESSOR PACKAGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-1500	ELECTRICAL - OVERHEAD & TRANSFORMERS	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2066-1600	LACT	\$ 18,750	\$ -	\$ -	\$ -	\$ 18,750	\$ -
2066-1700	AUTOMATION METERS, SENSORS, VALVES, & SCREENS	\$ 23,750	\$ -	\$ -	\$ -	\$ 23,750	\$ -
2066-1900	LEASE AND FLOW LINES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2000	CATHODIC PRCT-SOLAR PWD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2003	MISC FITTINGS & SUPPLIES	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2066-2004	PUMPS & PUMP SUPPLIES	\$ 7,500	\$ -	\$ -	\$ -	\$ 7,500	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 43,750	\$ -	\$ -	\$ -	\$ 43,750	\$ -
2066-2015	CONTAINMENT	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-2017	SWD WELLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2018	NON OPERATED CHARGES - TFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2019	PIPING	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2066-2020	ELECTRICAL - FACILITY	\$ 61,250	\$ -	\$ -	\$ -	\$ 61,250	\$ -
TANGIBLE FACILITY SUBTOTAL		\$ 259,250	\$ -	\$ -	\$ -	\$ 259,250	\$ -
FACILITY TOTAL		\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000	\$ -

AID NORTH 11H TOTAL WELL ESTIMATE	Original		Supplement		Total	
	8/8ths	Net	8/8ths	Net	8/8ths	Net
DRILLING TOTAL	\$ 1,192,000	\$ -	\$ -	\$ -	\$ 1,192,000	\$ -
COMPLETION TOTAL	\$ 2,270,000	\$ -	\$ -	\$ -	\$ 2,270,000	\$ -
FACILITY TOTAL	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000	\$ -
TOTAL WELL COST	\$ 3,810,000	\$ -	\$ -	\$ -	\$ 3,810,000	\$ -

Partner Approval

Signed _____ Company _____

Name _____ Date _____

Title _____



Authority for Expenditure
Drill, Complete, & Equip



Operator : <u>Spur Energy Partners LLC</u>	AFE # : <u>C20018</u>
Well Name : <u>AID NORTH 12H</u>	
Location : <u>NEW MEXICO / EDDY</u>	
Project :	
Description :	

NTANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		#Bbls	Net	#Bbls	Net	#Bbls	Net
2050-1000	LOCATION - OPS	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2050-1900	GROUND TRANSPORT	\$ 9,000	\$ -	\$ -	\$ -	\$ 9,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURKEY)	\$ 173,000	\$ -	\$ -	\$ -	\$ 173,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 115,500	\$ -	\$ -	\$ -	\$ 115,500	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 250	\$ -	\$ -	\$ -	\$ 250	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 30,500	\$ -	\$ -	\$ -	\$ 30,500	\$ -
2050-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3400	DESIGN & ENGINEERING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3600	COMPANY LABOR	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-3800	NON OPERATED CHARGES - IDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3900	FUEL, WATER & LUBE	\$ 42,500	\$ -	\$ -	\$ -	\$ 42,500	\$ -
2050-4000	CEMENT	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 8,500	\$ -	\$ -	\$ -	\$ 8,500	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 11,000	\$ -	\$ -	\$ -	\$ 11,000	\$ -
2050-8001	MOB/DEMOB RIG	\$ 13,500	\$ -	\$ -	\$ -	\$ 13,500	\$ -
2050-8003	VACUUM TRUCKING	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 71,750	\$ -	\$ -	\$ -	\$ 71,750	\$ -
INTANGIBLE DRILLING SUBTOTAL		\$ 860,500	\$ -	\$ -	\$ -	\$ 860,500	\$ -

TANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		#Bbls	Net	#Bbls	Net	#Bbls	Net
2051-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3800	NON OPERATED CHARGES - TDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5100	SURFACE CASING	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2051-5200	INTERMEDIATE CASING	\$ 24,000	\$ -	\$ -	\$ -	\$ 24,000	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 228,500	\$ -	\$ -	\$ -	\$ 228,500	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 19,000	\$ -	\$ -	\$ -	\$ 19,000	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE DRILLING SUBTOTAL		\$ 329,500	\$ -	\$ -	\$ -	\$ 329,500	\$ -
DRILLING TOTAL		\$ 1,190,000	\$ -	\$ -	\$ -	\$ 1,190,000	\$ -

INTANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		#Bbls	Net	#Bbls	Net	#Bbls	Net
2055-1000	LOCATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1001	TITLE WORK AND OPINIONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1002	OUTSIDE LEGAL SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1300	EQUIP RENT	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 97,500	\$ -	\$ -	\$ -	\$ 97,500	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 412,500	\$ -	\$ -	\$ -	\$ 412,500	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 68,750	\$ -	\$ -	\$ -	\$ 68,750	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 165,000	\$ -	\$ -	\$ -	\$ 165,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 37,500	\$ -	\$ -	\$ -	\$ 37,500	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 123,000	\$ -	\$ -	\$ -	\$ 123,000	\$ -
2055-2300	FRAC PLUGS	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2403	FLOWBACK	\$ 47,000	\$ -	\$ -	\$ -	\$ 47,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2800	INSURANCE	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ -
2055-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 470,000	\$ -	\$ -	\$ -	\$ 470,000	\$ -
2055-3400	PROPPANT	\$ 225,000	\$ -	\$ -	\$ -	\$ 225,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 160,000	\$ -	\$ -	\$ -	\$ 160,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 51,500	\$ -	\$ -	\$ -	\$ 51,500	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING, SNUBBING, NITRO SVC	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2055-8006	CONTRACT LABOR - ELECTRICAL/AUTOMATION	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-8007	CONTRACT LABOR - WELL LEVEL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-8008	CONTRACT LABOR - FRAC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE COMPLETION SUBTOTAL		\$ 2,128,250	\$ -	\$ -	\$ -	\$ 2,128,250	\$ -

TANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2065-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3800	NON OPERATED CHARGES - TCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-4102	WATER SUPPLY WELL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5001	OVERHEAD POWER	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 44,250	\$ -	\$ -	\$ -	\$ 44,250	\$ -
2065-5200	TUBING HEAD/XMAS TREE	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2065-5300	SUBSURFACE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5400	PACKER AND SUBSURFACE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5500	SUBSURFACE PUMP, RODS, AND ACCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5600	PUMPING & LIFTING EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5900	HEALTH, SAFETY, AND ENVIRONMENTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5901	LINER HANGER/CASING ACCESSORY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5902	PACKERS/OTHER DOWNHOLE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5903	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE COMPLETION SUBTOTAL		\$ 141,750	\$ -	\$ -	\$ -	\$ 141,750	\$ -
COMPLETION TOTAL		\$ 2,270,000	\$ -	\$ -	\$ -	\$ 2,270,000	\$ -

INTANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2056-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2002	FACILITY PAD CONSTRUCTION	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2056-2006	MISC INTANGIBLE FACILITY COSTS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2008	CONTRACT LABOR - AUTOMATION	\$ 5,750	\$ -	\$ -	\$ -	\$ 5,750	\$ -
2056-2009	EQUIPMENT RENTALS	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750	\$ -
2056-2010	FREIGHT & HANDLING	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750	\$ -
2056-2012	CONTRACT LABOR - ELECTRICAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2056-2013	FACILITY CONSTRUCTION LABOR	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2056-2014	PIPELINE LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2016	LOCATION/DAMAGES/ROW-LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2017	TITLE WORK/LANDMAN SERVICES - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2019	NON OPERATED CHARGES - IFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE FACILITY SUBTOTAL		\$ 90,750	\$ -	\$ -	\$ -	\$ 90,750	\$ -

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2066-1200	VESSELS	\$ 41,750	\$ -	\$ -	\$ -	\$ 41,750	\$ -
2066-1300	COMPRESSORS/COMPRESSOR PACKAGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-1500	ELECTRICAL - OVERHEAD & TRANSFORMERS	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2066-1600	LACT	\$ 18,750	\$ -	\$ -	\$ -	\$ 18,750	\$ -
2066-1700	AUTOMATION METERS, SENSORS, VALVES, & SCREENS	\$ 23,750	\$ -	\$ -	\$ -	\$ 23,750	\$ -
2066-1900	LEASE AND FLOW LINES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2000	CATHODIC PRCT-SOLAR PWD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2003	MISC FITTINGS & SUPPLIES	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2066-2004	PUMPS & PUMP SUPPLIES	\$ 7,500	\$ -	\$ -	\$ -	\$ 7,500	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 43,750	\$ -	\$ -	\$ -	\$ 43,750	\$ -
2066-2015	CONTAINMENT	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-2017	SWD WELLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2018	NON OPERATED CHARGES - TFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2019	PIPING	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2066-2020	ELECTRICAL - FACILITY	\$ 61,250	\$ -	\$ -	\$ -	\$ 61,250	\$ -
TANGIBLE FACILITY SUBTOTAL		\$ 258,250	\$ -	\$ -	\$ -	\$ 258,250	\$ -
FACILITY TOTAL		\$ 349,000	\$ -	\$ -	\$ -	\$ 349,000	\$ -

AID NORTH 12H TOTAL WELL ESTIMATE	Original		Supplement		Total	
	#/ths	Net	#/ths	Net	#/ths	Net
DRILLING TOTAL	\$ 1,190,000	\$ -	\$ -	\$ -	\$ 1,190,000	\$ -
COMPLETION TOTAL	\$ 2,270,000	\$ -	\$ -	\$ -	\$ 2,270,000	\$ -
FACILITY TOTAL	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000	\$ -
TOTAL WELL COST	\$ 3,810,000	\$ -	\$ -	\$ -	\$ 3,810,000	\$ -

Partner Approval

Signed _____ Company _____

Name _____ Date _____

Title _____



Authority for Expenditure
Drill, Complete, & Equip



Operator: <u>Spur Energy Partners LLC</u>	AFE #: <u>C20019</u>
Well Name: <u>AID NORTH 50H</u>	
Location: <u>NEW MEXICO / EDDY</u>	
Project: Description:	

NTANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2050-1000	LOCATION - OPS	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 53,000	\$ -	\$ -	\$ -	\$ 53,000	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2050-1900	GROUND TRANSPORT	\$ 9,000	\$ -	\$ -	\$ -	\$ 9,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURNKEY)	\$ 197,000	\$ -	\$ -	\$ -	\$ 197,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 133,500	\$ -	\$ -	\$ -	\$ 133,500	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 250	\$ -	\$ -	\$ -	\$ 250	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 44,000	\$ -	\$ -	\$ -	\$ 44,000	\$ -
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	\$ 50,250	\$ -	\$ -	\$ -	\$ 50,250	\$ -
2050-4000	CEMENT	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 8,500	\$ -	\$ -	\$ -	\$ 8,500	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2050-8001	MOB/DEMOB RIG	\$ 13,500	\$ -	\$ -	\$ -	\$ 13,500	\$ -
2050-8003	VACUUM TRUCKING	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
	INTANGIBLE DRILLING SUBTOTAL	\$ 947,000	\$ -	\$ -	\$ -	\$ 947,000	\$ -

TANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2051-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3800	NON OPERATED CHARGES - TDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5100	SURFACE CASING	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2051-5200	INTERMEDIATE CASING	\$ 24,000	\$ -	\$ -	\$ -	\$ 24,000	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 239,500	\$ -	\$ -	\$ -	\$ 239,500	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 19,000	\$ -	\$ -	\$ -	\$ 19,000	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	TANGIBLE DRILLING SUBTOTAL	\$ 340,500	\$ -	\$ -	\$ -	\$ 340,500	\$ -
	DRILLING TOTAL	\$ 1,287,500	\$ -	\$ -	\$ -	\$ 1,287,500	\$ -

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	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 97,500	\$ -	\$ -	\$ -	\$ 97,500	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 412,500	\$ -	\$ -	\$ -	\$ 412,500	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 68,750	\$ -	\$ -	\$ -	\$ 68,750	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 165,000	\$ -	\$ -	\$ -	\$ 165,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 37,500	\$ -	\$ -	\$ -	\$ 37,500	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 123,000	\$ -	\$ -	\$ -	\$ 123,000	\$ -
2055-2300	FRAC PLUGS	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2403	FLOWBACK	\$ 47,000	\$ -	\$ -	\$ -	\$ 47,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3000	BITS	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 470,000	\$ -	\$ -	\$ -	\$ 470,000	\$ -
2055-3400	PROPPANT	\$ 225,000	\$ -	\$ -	\$ -	\$ 225,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 180,000	\$ -	\$ -	\$ -	\$ 180,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 51,500	\$ -	\$ -	\$ -	\$ 51,500	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING, SNUBBING, NITRO SVC.	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2055-8006	CONTRACT LABOR - ELECTRICAL/AUTOMATION	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-8007	CONTRACT LABOR - WELL LEVEL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-8008	CONTRACT LABOR - FRAC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE COMPLETION SUBTOTAL		\$ 2,128,250	\$ -	\$ -	\$ -	\$ 2,128,250	\$ -

TANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2065-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3800	NON OPERATED CHARGES - TCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-4102	WATER SUPPLY WELL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5001	OVERHEAD POWER	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 44,250	\$ -	\$ -	\$ -	\$ 44,250	\$ -
2065-5200	TUBING HEAD/XMAS TREE	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2065-5300	SUBSURFACE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5400	PACKER AND SUBSURFACE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5500	SUBSURFACE PUMP, RODS, AND ACCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5600	PUMPING & LIFTING EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5900	HEALTH, SAFETY, AND ENVIRONMENTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5901	LINER HANGER/CASING ACCESSORY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5902	PACKERS/OTHER DOWNHOLE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5903	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE COMPLETION SUBTOTAL		\$ 141,750	\$ -	\$ -	\$ -	\$ 141,750	\$ -
COMPLETION TOTAL		\$ 2,270,000	\$ -	\$ -	\$ -	\$ 2,270,000	\$ -

INTANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2056-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2002	FACILITY PAD CONSTRUCTION	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2056-2006	MISC INTANGIBLE FACILITY COSTS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2008	CONTRACT LABOR - AUTOMATION	\$ 5,750	\$ -	\$ -	\$ -	\$ 5,750	\$ -
2056-2009	EQUIPMENT RENTALS	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750	\$ -
2056-2010	FREIGHT & HANDLING	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750	\$ -
2056-2012	CONTRACT LABOR - ELECTRICAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2056-2013	FACILITY CONSTRUCTION LABOR	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2056-2014	PIPELINE LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2016	LOCATION/DAMAGES/ROW-LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2017	TITLE WORK/LANDMAN SERVICES - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2019	NON OPERATED CHARGES - IFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE FACILITY SUBTOTAL		\$ 90,750	\$ -	\$ -	\$ -	\$ 90,750	\$ -

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2066-1200	VESSELS	\$ 41,750	\$ -	\$ -	\$ -	\$ 41,750	\$ -
2066-1300	COMPRESSORS/COMPRESSOR PACKAGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-1500	ELECTRICAL - OVERHEAD & TRANSFORMERS	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2066-1600	LACT	\$ 18,750	\$ -	\$ -	\$ -	\$ 18,750	\$ -
2066-1700	AUTOMATION METERS, SENSORS, VALVES, & SCREENS	\$ 23,750	\$ -	\$ -	\$ -	\$ 23,750	\$ -
2066-1900	LEASE AND FLOW LINES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2000	CATHODIC PRCT-SOLAR PWD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2003	MISC FITTINGS & SUPPLIES	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2066-2004	PUMPS & PUMP SUPPLIES	\$ 7,500	\$ -	\$ -	\$ -	\$ 7,500	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 43,750	\$ -	\$ -	\$ -	\$ 43,750	\$ -
2066-2015	CONTAINMENT	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-2017	SWD WELLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2018	NON OPERATED CHARGES - TFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2019	PIPING	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2066-2020	ELECTRICAL - FACILITY	\$ 61,250	\$ -	\$ -	\$ -	\$ 61,250	\$ -
TANGIBLE FACILITY SUBTOTAL		\$ 259,250	\$ -	\$ -	\$ -	\$ 259,250	\$ -
FACILITY TOTAL		\$ 350,500	\$ -	\$ -	\$ -	\$ 350,500	\$ -

AID NORTH 50H TOTAL WELL ESTIMATE	Original		Supplement		Total	
	#/ths	Net	#/ths	Net	#/ths	Net
DRILLING TOTAL	1,397,498	\$ -	\$ -	\$ -	1,397,498	\$ -
COMPLETION TOTAL	2,270,000	\$ -	\$ -	\$ -	2,270,000	\$ -
FACILITY TOTAL	350,500	\$ -	\$ -	\$ -	350,500	\$ -
TOTAL WELL COST	3,997,500	\$ -	\$ -	\$ -	3,997,500	\$ -

Partner Approval

Signed _____ Company _____

Name _____ Date _____

Title _____



Authority for Expenditure
Drill, Complete, & Equip



Operator: <u>Spur Energy Partners LLC</u>	AFE #: <u>C20020</u>
Well Name: <u>AID NORTH 51H</u>	
Location: <u>NEW MEXICO / EDDY</u>	
Project: Description:	

NTANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2050-1000	LOCATION - OPS	\$ 20,500	\$ -	\$ -	\$ -	\$ 20,500	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 53,000	\$ -	\$ -	\$ -	\$ 53,000	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-1600	WELL SITE SUPERVISION	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2050-1900	GROUND TRANSPORT	\$ 9,000	\$ -	\$ -	\$ -	\$ 9,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURNKEY)	\$ 197,000	\$ -	\$ -	\$ -	\$ 197,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 133,500	\$ -	\$ -	\$ -	\$ 133,500	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 250	\$ -	\$ -	\$ -	\$ 250	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 44,000	\$ -	\$ -	\$ -	\$ 44,000	\$ -
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	\$ 50,250	\$ -	\$ -	\$ -	\$ 50,250	\$ -
2050-4000	CEMENT	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 8,500	\$ -	\$ -	\$ -	\$ 8,500	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2050-8001	MOB/DEMOB RIG	\$ 13,500	\$ -	\$ -	\$ -	\$ 13,500	\$ -
2050-8003	VACUUM TRUCKING	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
	INTANGIBLE DRILLING SUBTOTAL	\$ 847,000	\$ -	\$ -	\$ -	\$ 847,000	\$ -

TANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		8/8ths	Net	8/8ths	Net	8/8ths	Net
2051-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3800	NON OPERATED CHARGES - TDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5100	SURFACE CASING	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2051-5200	INTERMEDIATE CASING	\$ 24,000	\$ -	\$ -	\$ -	\$ 24,000	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 239,500	\$ -	\$ -	\$ -	\$ 239,500	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 19,000	\$ -	\$ -	\$ -	\$ 19,000	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 26,000	\$ -	\$ -	\$ -	\$ 26,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	TANGIBLE DRILLING SUBTOTAL	\$ 340,500	\$ -	\$ -	\$ -	\$ 340,500	\$ -
	DRILLING TOTAL	\$ 1,187,500	\$ -	\$ -	\$ -	\$ 1,187,500	\$ -

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	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 97,500	\$ -	\$ -	\$ -	\$ 97,500	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 412,500	\$ -	\$ -	\$ -	\$ 412,500	\$ -
2055-1600	WELL SITE SUPERVISION	\$ 68,750	\$ -	\$ -	\$ -	\$ 68,750	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 165,000	\$ -	\$ -	\$ -	\$ 165,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 37,500	\$ -	\$ -	\$ -	\$ 37,500	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 123,000	\$ -	\$ -	\$ -	\$ 123,000	\$ -
2055-2300	FRAC PLUGS	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2403	FLOWBACK	\$ 47,000	\$ -	\$ -	\$ -	\$ 47,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3000	BITS	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 470,000	\$ -	\$ -	\$ -	\$ 470,000	\$ -
2055-3400	PROPPANT	\$ 225,000	\$ -	\$ -	\$ -	\$ 225,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 180,000	\$ -	\$ -	\$ -	\$ 180,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 51,800	\$ -	\$ -	\$ -	\$ 51,800	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING, SNUBBING, NITRO SVC	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2055-8006	CONTRACT LABOR - ELECTRICAL/AUTOMATION	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-8007	CONTRACT LABOR - WELL LEVEL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-8008	CONTRACT LABOR - FRAC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE COMPLETION SUBTOTAL:		\$ 2,128,250	\$ -	\$ -	\$ -	\$ 2,128,250	\$ -

TANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		\$/Bbls	Net	\$/Bbls	Net	\$/Bbls	Net
2065-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3800	NON OPERATED CHARGES - TCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-4102	WATER SUPPLY WELL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5001	OVERHEAD POWER	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 44,250	\$ -	\$ -	\$ -	\$ 44,250	\$ -
2065-5200	TUBING HEAD/XMAS TREE	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2065-5300	SUBSURFACE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5400	PACKER AND SUBSURFACE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5500	SUBSURFACE PUMP, RODS, AND ACCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5600	PUMPING & LIFTING EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5900	HEALTH, SAFETY, AND ENVIRONMENTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5901	LINER HANGER/CASING ACCESSORY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5902	PACKERS/OTHER DOWNHOLE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5903	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE COMPLETION SUBTOTAL:		\$ 141,750	\$ -	\$ -	\$ -	\$ 141,750	\$ -
COMPLETION TOTAL:		\$ 2,270,000	\$ -	\$ -	\$ -	\$ 2,270,000	\$ -

INTANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		\$/Bbls	Net	\$/Bbls	Net	\$/Bbls	Net
2055-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2002	FACILITY PAD CONSTRUCTION	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2055-2006	MISC INTANGIBLE FACILITY COSTS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2055-2008	CONTRACT LABOR - AUTOMATION	\$ 5,750	\$ -	\$ -	\$ -	\$ 5,750	\$ -
2055-2009	EQUIPMENT RENTALS	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750	\$ -
2055-2010	FREIGHT & HANDLING	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750	\$ -
2055-2012	CONTRACT LABOR - ELECTRICAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2013	FACILITY CONSTRUCTION LABOR	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2055-2014	PIPELINE LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2016	LOCATION/DAMAGES/ROW-LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2017	TITLE WORK/LANDMAN SERVICES - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2019	NON OPERATED CHARGES - IFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE FACILITY SUBTOTAL:		\$ 90,750	\$ -	\$ -	\$ -	\$ 90,750	\$ -

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		\$/Bbls	Net	\$/Bbls	Net	\$/Bbls	Net
2066-1200	VESSELS	\$ 41,750	\$ -	\$ -	\$ -	\$ 41,750	\$ -
2066-1300	COMPRESSORS/COMPRESSOR PACKAGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-1500	ELECTRICAL - OVERHEAD & TRANSFORMERS	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2066-1600	LACT	\$ 18,750	\$ -	\$ -	\$ -	\$ 18,750	\$ -
2066-1700	AUTOMATION METERS, SENSORS, VALVES, & SCREENS	\$ 23,750	\$ -	\$ -	\$ -	\$ 23,750	\$ -
2066-1900	LEASE AND FLOW LINES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2000	CATHODIC PRCT-SOLAR PWD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2003	MISC FITTINGS & SUPPLIES	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2066-2004	PUMPS & PUMP SUPPLIES	\$ 7,500	\$ -	\$ -	\$ -	\$ 7,500	\$ -
2066-2005	PUMP & FILTERS	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 43,750	\$ -	\$ -	\$ -	\$ 43,750	\$ -
2066-2015	CONTAINMENT	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-2017	SWD WELLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2018	NON OPERATED CHARGES - TFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2019	PIPING	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2066-2020	ELECTRICAL - FACILITY	\$ 61,250	\$ -	\$ -	\$ -	\$ 61,250	\$ -
TANGIBLE FACILITY SUBTOTAL:		\$ 289,250	\$ -	\$ -	\$ -	\$ 289,250	\$ -
FACILITY TOTAL:		\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000	\$ -

AID NORTH 51H TOTAL WELL ESTIMATE	Original		Supplement		Total	
	\$/Bbls	Net	\$/Bbls	Net	\$/Bbls	Net
DRILLING TOTAL	\$ 1,247,400	\$ -	\$ -	\$ -	\$ 1,247,400	\$ -
COMPLETION TOTAL	\$ 2,270,000	\$ -	\$ -	\$ -	\$ 2,270,000	\$ -
FACILITY TOTAL	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000	\$ -
TOTAL WELL COST	\$ 3,907,400	\$ -	\$ -	\$ -	\$ 3,907,400	\$ -

Partner Approval

Signed _____	Company _____
Name _____	Date _____
Title _____	



Authority for Expenditure
Drill, Complete, & Equip



Operator: <u>Spur Energy Partners LLC</u>	AFE #: <u>C20021</u>
Well Name: <u>AID NORTH 70H</u>	
Location: <u>NEW MEXICO / EDDY</u>	
Project: _____	
Description: _____	

INTANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2050-1000	LOCATION - OPS	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2050-1001	LOCATION/DAMAGES/ROW-LAND	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2050-1002	TITLE WORK/LANDMAN SERVICES - LAND	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -
2050-1003	DAMAGES/ROW - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1005	SURVEY - LAND	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1050	DRILLING PERMITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1301	DRILLING RENTALS: SURFACE	\$ 53,000	\$ -	\$ -	\$ -	\$ 53,000	\$ -
2050-1302	DRILLING RENTALS: SUBSURFACE	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2050-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-1500	DRILL MUD & COMPL FLUID	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-1600	WELLSITE SUPERVISION	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
2050-1900	GROUND TRANSPORT	\$ 9,000	\$ -	\$ -	\$ -	\$ 9,000	\$ -
2050-2000	CONTRACT DRILLING (DAY RATE/TURKEY)	\$ 197,000	\$ -	\$ -	\$ -	\$ 197,000	\$ -
2050-2001	DRILLING SERVICES-SURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2002	DRILLING SERVICES-SUBSURFACE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2004	DIRECTIONAL TOOLS AND SERVICES	\$ 133,500	\$ -	\$ -	\$ -	\$ 133,500	\$ -
2050-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2200	CASED HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2201	OPEN HOLE WIRELINE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-2401	FLUID & CUTTINGS DISPOSAL	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2050-2402	FRAC TANK RENTALS	\$ 250	\$ -	\$ -	\$ -	\$ 250	\$ -
2050-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-3000	BITS	\$ 44,000	\$ -	\$ -	\$ -	\$ 44,000	\$ -
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	\$ 50,250	\$ -	\$ -	\$ -	\$ 50,250	\$ -
2050-4000	CEMENT	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
2050-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 8,500	\$ -	\$ -	\$ -	\$ 8,500	\$ -
2050-4002	SURFACE AND INTERMEDIATE SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4003	PROD CSG CEMENT AND SERVICE	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-4004	PROD CSG CREW AND LAYDOWN SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-4101	CORES, DST'S, AND ANALYSIS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2050-8000	MUD LOGGER	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2050-8001	MOB/DEMOB RIG	\$ 13,500	\$ -	\$ -	\$ -	\$ 13,500	\$ -
2050-8003	VACUUM TRUCKING	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8005	DRILLPIPE INSPECTION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2050-8007	CONTRACT LABOR/SERVICES	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	\$ -
2050-8009	MISC IDC/CONTINGENCY	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
	INTANGIBLE DRILLING SUBTOTAL	\$ 947,000	\$ -	\$ -	\$ -	\$ 947,000	\$ -

TANGIBLE DRILLING	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2051-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-3800	NON OPERATED CHARGES - TDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2051-5100	SURFACE CASING	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
2051-5200	INTERMEDIATE CASING	\$ 24,000	\$ -	\$ -	\$ -	\$ 24,000	\$ -
2051-5300	PRODUCTION/LINER CASING	\$ 239,500	\$ -	\$ -	\$ -	\$ 239,500	\$ -
2051-5400	CONDUCTOR PIPE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2051-5500	WELLHEAD	\$ 19,000	\$ -	\$ -	\$ -	\$ 19,000	\$ -
2051-5801	LINER HANGER/CASING ACCESSORY	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
2051-5803	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	TANGIBLE DRILLING SUBTOTAL	\$ 340,500	\$ -	\$ -	\$ -	\$ 340,500	\$ -
	DRILLING TOTAL	\$ 1,287,500	\$ -	\$ -	\$ -	\$ 1,287,500	\$ -

INTANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2055-1000	LOCATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1001	TITLE WORK AND OPINIONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1002	OUTSIDE LEGAL SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1100	FISHING TOOLS & SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1300	EQUIP RENT	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2055-1301	RENTALS: SURFACE IRON	\$ 97,500	\$ -	\$ -	\$ -	\$ 97,500	\$ -
2055-1302	DRILLING RENTALS: SUBSURFACE	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-1400	EQUIP LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-1500	DRILL MUD & COMPL FLUID	\$ 412,500	\$ -	\$ -	\$ -	\$ 412,500	\$ -
2055-1600	WELLSITE SUPERVISION	\$ 68,750	\$ -	\$ -	\$ -	\$ 68,750	\$ -
2055-1800	COMPLETION CHEMICALS	\$ 165,000	\$ -	\$ -	\$ -	\$ 165,000	\$ -
2055-1900	GROUND TRANSPORT	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2005	DRILLING/DAMAGED-LOST IN HOLE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2100	PUMPDOWN	\$ 37,500	\$ -	\$ -	\$ -	\$ 37,500	\$ -
2055-2200	CASED HOLE WIRELINE	\$ 123,000	\$ -	\$ -	\$ -	\$ 123,000	\$ -
2055-2300	FRAC PLUGS	\$ 66,000	\$ -	\$ -	\$ -	\$ 66,000	\$ -
2055-2400	WELL PREP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2401	FRAC/FLUID SW DISPOSAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-2402	FRAC TANK RENTALS	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-2403	FLOWBACK	\$ 47,000	\$ -	\$ -	\$ -	\$ 47,000	\$ -
2055-2600	ES&H	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2900	INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3000	BITS	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ -
2055-3100	OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3125	CONSTRUCTION OVERHEAD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3300	SPECIALIZED SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3301	STIMULATION AND PUMPING SERVICES	\$ 470,000	\$ -	\$ -	\$ -	\$ 470,000	\$ -
2055-3400	PROPPANT	\$ 225,000	\$ -	\$ -	\$ -	\$ 225,000	\$ -
2055-3600	COMPANY LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3750	DAMAGES/ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3800	NON OPERATED CHARGES - ICC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-3900	FUEL, WATER & LUBE	\$ 180,000	\$ -	\$ -	\$ -	\$ 180,000	\$ -
2055-4000	CEMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2055-4001	CASING CREWS AND LAYDOWN SERVICES	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8001	COMPLETION/WORKOVER RIG	\$ 51,500	\$ -	\$ -	\$ -	\$ 51,500	\$ -
2055-8002	KILL TRUCK	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2055-8003	COIL TUBING/SNUBBING NITRO SVC	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2055-8004	CONTRACT LABOR/SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-8005	CONTRACT LABOR - ARTIFICIAL LIFT	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2055-8006	CONTRACT LABOR - ELECTRICAL/AUTOMATION	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2055-8007	CONTRACT LABOR - WELL LEVEL	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2055-8008	CONTRACT LABOR - FRAC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE COMPLETION SUBTOTAL		\$ 2,128,250	\$ -	\$ -	\$ -	\$ 2,128,250	\$ -

TANGIBLE COMPLETION	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2065-2500	SUPPLIES & SMALL TOOLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-2700	COMMUNICATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3000	BITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3200	CONTINGENCIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-3800	NON OPERATED CHARGES - TCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-4102	WATER SUPPLY WELL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5001	OVERHEAD POWER	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2065-5002	PARTS & SUPPLIES - ARTIFICIAL LIFT	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
2065-5003	PARTS & SUPPLIES - ELECTRICAL/AUTOMATION	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2065-5004	PARTS & SUPPLIES - WELL LEVEL	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2065-5100	TUBING	\$ 44,250	\$ -	\$ -	\$ -	\$ 44,250	\$ -
2065-5200	TUBING HEAD/XMAS TREE	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2065-5300	SUBSURFACE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5400	PACKER AND SUBSURFACE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5500	SUBSURFACE PUMP, RODS, AND ACCES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5600	PUMPING & LIFTING EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5900	HEALTH, SAFETY, AND ENVIRONMENTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5901	LINER HANGER/CASING ACCESSORY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5902	PACKERS/OTHER DOWNHOLE EQUIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2065-5903	MISC TANGIBLE EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TANGIBLE COMPLETION SUBTOTAL		\$ 141,750	\$ -	\$ -	\$ -	\$ 141,750	\$ -
COMPLETION TOTAL		\$ 2,270,000	\$ -	\$ -	\$ -	\$ 2,270,000	\$ -

INTANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2055-1006	ENVIRONMENTAL/ARC - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2055-2002	FACILITY PAD CONSTRUCTION	\$ 17,500	\$ -	\$ -	\$ -	\$ 17,500	\$ -
2056-2006	MISC INTANGIBLE FACILITY COSTS	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
2056-2008	CONTRACT LABOR - AUTOMATION	\$ 5,750	\$ -	\$ -	\$ -	\$ 5,750	\$ -
2056-2009	EQUIPMENT RENTALS	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750	\$ -
2056-2010	FREIGHT & HANDLING	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750	\$ -
2056-2012	CONTRACT LABOR - ELECTRICAL	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -
2056-2013	FACILITY CONSTRUCTION LABOR	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
2056-2014	PIPELINE LABOR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2016	LOCATION/DAMAGES/ROW-LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2017	TITLE WORK/LANDMAN SERVICES - LAND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2056-2019	NON OPERATED CHARGES - IFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INTANGIBLE FACILITY SUBTOTAL		\$ 90,750	\$ -	\$ -	\$ -	\$ 90,750	\$ -

TANGIBLE FACILITY	DESCRIPTION	Original		Supplement		Total	
		#/ths	Net	#/ths	Net	#/ths	Net
2066-1200	VESSELS	\$ 41,750	\$ -	\$ -	\$ -	\$ 41,750	\$ -
2066-1300	COMPRESSORS/COMPRESSOR PACKAGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-1500	ELECTRICAL - OVERHEAD & TRANSFORMERS	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2066-1600	LACT	\$ 18,750	\$ -	\$ -	\$ -	\$ 18,750	\$ -
2066-1700	AUTOMATION METERS, SENSORS, VALVES, & SCREENS	\$ 23,750	\$ -	\$ -	\$ -	\$ 23,750	\$ -
2066-1900	LEASE AND FLOW LINES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2000	CATHODIC PRCT-SOLAR PWD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2003	MISC FITTINGS & SUPPLIES	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -
2066-2004	PUMPS & PUMP SUPPLIES	\$ 7,500	\$ -	\$ -	\$ -	\$ 7,500	\$ -
2066-2005	PUMP & FILTERS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2006	MISC TANGIBLE FACILITY COSTS	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500	\$ -
2066-2007	TANKS (OIL & WATER)	\$ 43,750	\$ -	\$ -	\$ -	\$ 43,750	\$ -
2066-2015	CONTAINMENT	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
2066-2017	SWD WELLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2018	NON OPERATED CHARGES - TFC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2066-2019	PIPING	\$ 12,500	\$ -	\$ -	\$ -	\$ 12,500	\$ -
2066-2020	ELECTRICAL - FACILITY	\$ 61,250	\$ -	\$ -	\$ -	\$ 61,250	\$ -
TANGIBLE FACILITY SUBTOTAL		\$ 259,250	\$ -	\$ -	\$ -	\$ 259,250	\$ -
FACILITY TOTAL		\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000	\$ -

AID NORTH 70H TOTAL WELL ESTIMATE	Original		Supplement		Total	
	#/ths	Net	#/ths	Net	#/ths	Net
DRILLING TOTAL	\$ 1,387,500	\$ -	\$ -	\$ -	\$ 1,387,500	\$ -
COMPLETION TOTAL	\$ 2,270,000	\$ -	\$ -	\$ -	\$ 2,270,000	\$ -
FACILITY TOTAL	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000	\$ -
TOTAL WELL COST	\$ 3,007,500	\$ -	\$ -	\$ -	\$ 3,007,500	\$ -

Partner Approval

Signed _____ Company _____

Name _____ Date _____

Title _____

Timeline for Aid North / Hendrix ABX Horizontal Development

- Week of 11/30/2020: SEP receives Hendrix ABX proposals; SEP asks how much interest it has in the proposed unit.
- 1/4/2021: SEP sends out Aid North proposals; Longfellow asks how much interest it has in the proposed unit.
- 1/12/2021: Discussion with Longfellow and explained to them that SEP was planning on sending out proposals on the unit prior to receiving their proposal letters. We explained that SEP is protecting its ownership for its shareholders.
- 1/29/2021: SEP receives proposal from Longfellow; SEP declined offer and SEP explained how much production has been taken out of the unit they proposed to trade us.
- 2/1-2/5/2021: SEP proposes a counteroffer, but Longfellow declined the offer. SEP and Longfellow explained intention for potential trades, but no agreement or formal offers were made.
- 3/2021: Ongoing communication with Longfellow regarding operations in the area.
- Week of 4/12/2021: General mention on trade potential with Longfellow but no formal offers.
- 5/5-5/7/2021: SEP calls Longfellow and discusses potential trade and SEP proposes continuance in an effort to get a trade complete.
- 5/11/2021: SEP proposes trade and continuance.
- 5/12/2021: Longfellow agrees to a continuance.
- 5/14/2021: SEP re-sends trade proposal with an offer again to meet in person in Dallas. Longfellow confirms receipt.
- 5/14/2021: Longfellow calls SEP to discuss trade at a high level and both groups want to get something done together.
- 5/17/2021: Schedule call with Longfellow for Wednesday 5/20.
- 5/18/2021: SEP sends out updated well proposals with updated bottom hole locations.
- 5/20/2021: Call to discuss trade. Waiting for Longfellow counter proposal.
- 6/2/2021: SEP reaches out to Longfellow to check on trade proposal; Longfellow states it is busy on a well completion and will send something mid-month.
- 6/7/2021: SEP calls Longfellow to check on the status of the trade proposal. Longfellow responds that it will send a proposal tomorrow or Wednesday.
- 6/8/2021: SEP receives trade proposal from Longfellow.
- 6/9/2021: Longfellow rescinds trade proposal; SEP calls Longfellow to discuss the status of the trade. Longfellow decided they want to go to a contested hearing.

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

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

CASE NO. 21733

APPLICATION OF LONGFELLOW
ENERGY, LP FOR COMPULSORY
POOLING, EDDY COUNTY, NEW
MEXICO.

CASE NO. 21651

AFFIDAVIT OF C.J. LIPINSK

C.J. Lipinski, of lawful age and being first duly sworn, declares as follows:

1. My name is C.J. Lipinski, and I work for Spur Energy Partners LLC, (“Spur”), as Vice President - Geology.
2. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum geology matters and my credentials as an expert petroleum geologist have been accepted by the Division and made a matter of record. **Spur Exhibit D-1** is a copy of my resume reflecting my education and experience in petroleum geology.
3. I am familiar with the application filed by Spur in this case, and I have conducted a geologic study of the Yeso formation and its members underlying the subject acreage.
4. In this case, Spur is targeting the Paddock and Blinebry members of the Yeso formation with its **Aid North #10H, #11H, #12H, #50H, #51H, and #70H wells.**

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D
Submitted by: Spur Energy Partners, LLC
Hearing Date: June 17, 2021
Case No. 21733

5. **Spur Exhibit D-2** is a project location map that I prepared for the horizontal spacing unit located in Sections 13 and 14. Spur's proposed wells are shown in black lines with the surface and bottom-hole locations identified. Also depicted is an existing horizontal spacing unit operated by Longfellow Energy in the S/2 of Section 13 immediately to the south. The exhibit also identifies six wells penetrating the target intervals that I used to construct a structural cross-section from A to A'. I utilized these well logs because they penetrate the target intervals, are of good quality, and are representative of the geology in the area. Offset Glorieta/Yeso producers are shown with purple squares.

6. **Spur Exhibit D-3** is a structure map for the top of the Glorieta formation, which overlies target Yeso formation. It also reflects the surrounding area in Eddy County in relation to the proposed horizontal spacing unit, marked with a red dashed outline. The proposed **Aid North #10H, #11H, #12H, #50H, #51H, and #70H wells** are again depicted with black lines within the proposed horizontal spacing unit, and I have identified the surface and the bottom hole locations for each of the wells. The exhibit shows a modest dip of approximately 1.5 degrees to the East. I do not observe any faulting, pinch outs, or geologic impediments to developing the targeted intervals with horizontal wells.

7. **Exhibit D-3** also identifies the location of a line from B to B' used for a 3-D Gun Barrel Diagram depicted in Spur Exhibit D-5.

8. **Spur Exhibit D-4** is a structural cross section using the representative wells depicted on Exhibit D-3. The approximate landing zones for the **Aid North #10H, #11H, #12H, #50H, #51H, and #70H wells** are labeled on the exhibit. On the cross section the top of the Glorieta, top of the Blinebry, and top of the lower Blinebry are noted. The

cross-section demonstrates that the targeted intervals, within the Yeso formation, extends across the proposed spacing unit.

9. **Spur Exhibit D-5** is a Gun Barrel view from B to B' of Spur's intended development of the Yeso Formation in Sections 13 and 14. The top of the Glorieta, top of the Blinebry, and top of the lower Blinebry are noted. The exhibit also depicts Spur's proposed well spacing and development pattern within the Paddock and Blinebry members of the Yeso formation.

10. **Spur Exhibit D-6** is another project area map depicting Spur's proposed spacing unit. Superimposed on the spacing unit in red dotted lines are Longfellow Energy's five proposed wells, based on the locations provided in its well proposal letter. The exhibit identifies the location of a line from D to D' used for a 3-D Gun Barrel Diagram depicted in Spur Exhibit D-7.

11. **Spur Exhibit D-7** is a Gun Barrel view depicting Spur's planned development within the proposed spacing unit. The top of the Glorieta, top of the Blinebry, and top of the lower Blinebry are noted. On the right side of the exhibit, Longfellow Energy's existing horizontal wells are shown as green dots in its spacing unit in the S/2 of Section 14. On the left side of the exhibit, are Spur's proposed wells, represented as black dots, showing Spur's preferred spacing interval between wells for both the Paddock and Blinebry intervals.

12. Spur proposes to space its Paddock wells, the **Aid North 10H, 11H, and 12H wells**, at intervals of approximately 890 feet for the most efficient and effective development and drainage in this zone. In the Blinebry, Spur believes that the most efficient and effective development and drainage will be achieved by spacing its **Aid**

North 50H, 70H, and 51H wells at intervals of approximately 935 feet, as depicted. The **Aid North 70H** is targeting a slightly deeper interval in the Blinebry in order to develop and drain as much of the productive interval within the zone as possible.

13. In contrast, **Spur Exhibit D-8** is a Gun Barrel view depicting Longfellow Energy's proposed wells, represented as red dots, within the proposed spacing unit at their relative positions and depths. This exhibit demonstrates that while Spur and Longfellow Energy are targeting essentially the same geologic interval and following a similar spacing pattern in the Paddock, with well spacing of approximately 825 feet to 900 feet, Longfellow Energy's development plan diverges in the Blinebry.

14. While Longfellow Energy's proposed plan follows similar well spacing in the Blinebry as proposed by Spur (LongFellow Energy proposes about 900 feet between its wells, and Spur proposes about 935 feet), Longfellow Energy's plan will leave a significant gap of approximately 1,785 feet between its proposed Hendrix State Com 1314 4H Well and its existing Hendrix State Com 13CD 2H well in the S/2 of Section 14. That inconsistent spacing appears to contradict Longfellow Energy's preferred and established spacing pattern and will create a gap in the development and drainage of the subject acreage. That gap will result in inefficient and ineffective drainage of the spacing unit and may require drilling an additional well compared to Spur's proposed spacing and development plan.

15. **Spur Exhibit D-9** is the same Gun Barrel view depicting Spur's proposed wells relative to LongFellow Energy's proposed wells at their respective locations and depths. The exhibit emphasizes the similarity in the spacing between the competing proposals within the Paddock interval and the dissimilarity between the proposals within

the Blinebry. Of note is the gap created by LongFellow Energy's proposed development with respect to existing production in the S/2 of Section and the incomplete development within the proposed spacing unit that results from Longfellow Energy's inconsistent spacing pattern. This will result in waste and inefficient and incomplete development of the acreage.

16. In my opinion, the laydown orientation of the wells is appropriate for proper exploitation of the subject acreage because of the consistent rock properties throughout the spacing unit and the lack of preferred fracture orientation in this portion of the trend.

17. Based on my geologic study, the targeted interval within the Yeso formation underlying the subject area is suitable for development by horizontal wells and the tracts comprising the proposed spacing unit will contribute more-or-less equally to the production of the wells.

18. In my opinion, granting Spur's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.


19. **Spur Exhibits D-1 through D-9** were either prepared by me or compiled under my direction and supervision.

FURTHER AFFIANT SAYETH NOT.

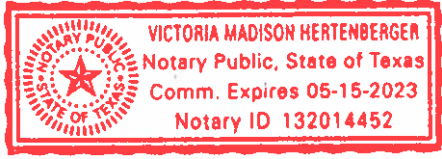

C.J. LIPIŃSKI

STATE OF TEXAS)
)
COUNTY OF HARRIS)

SUBSCRIBED and SWORN to before me this 10th day of June 2021 by C.J. Lipinski.


NOTARY PUBLIC

My Commission Expires:
05-15-2023



C.J. Lipinski

12207 Cobblestone Dr. • Houston, TX 77024 • CLipinski@Spurepllc.com

PROFESSIONAL SUMMARY

Over ten years working experience as a geologist in the oil and gas industry through full cycle asset evaluation, acquisition, development planning, execution, and divestiture. Extensive operational experience in conventional and unconventional reservoirs. Carbonate specialist possessing fundamental research skills utilizing the most technologically advanced techniques with domestic and international reservoir development and exploration exposure.

AREAS OF EXPERTISE

- Asset Evaluation
- Basin Scouting
- Carbonate Stratigraphy and Sedimentology
- Sequence Stratigraphy
- Horizontal Well Planning and Execution
- Core Description
- Log Correlation
- Subsurface Mapping
- Reservoir Modeling
- Large Data Mining and Integration

WORK EXPERIENCE

Spur Energy Partners, LLC

Houston, Texas, 2019 – Present.....*Vice President of Geology*

- Develop and execute asset development plan to optimally exploit the Yeso Formation across Spur’s acreage position on the Northwest Shelf
- Analyze, value, and provide recommendations for accretive asset acquisitions, leasing opportunities, acreage swaps, and non-op proposals
- Expand previously developed stratigraphic framework, lithographic framework, and petrophysical model with additional log, core, and seismic data
- Collaborate with Operations Team to improve drilling, completing, and producing strategies

Percussion Petroleum, LLC

Houston, Texas, 2017 – 2019.....*Vice President of Geology*

- Responsible for all geoscience activities while working in a cross-functional team on asset development
- Created and executed asset development plan to optimally exploit the Yeso Formation across 7 horizontal landing zones geometrically spaced, completing and producing with reservoir-specific designs
- Built comprehensive stratigraphic and lithologic frameworks over 60+ mile Yeso trend through log correlation, subsurface mapping, core analysis, and petrophysical model creation that led to identification of 5 addition horizontal targets, 4 proved by production, increasing reserves bookings by \$138 MM
- Managed 1-rig program that drilled 6 vertical wells, 31 horizontal wells, and sampled/analyzed 314 RSWCs
- Percussion’s wells paid out in 6-9 months while averaging 2.5x IP and EUR of historic offsets contributing to production growth from ~700 boepd at acquisition to ~9500 boepd in 2 years
- Supported Percussion’s compulsory pooling, organic leasing, and bolt-on acquisition valuations that increased lease holdings from 6,000 to ~25,000 net acres through the drill bit and over 50 acquisitions
- Prepared and presented geologic materials for board approval of acquisitions and divestitures
- Provided geologic materials and quality-control on data room presentations for Percussion’s sale
- Hired and supervised Senior Geologist and Geotech responsible for operations to execute 2019 wells

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D1
Submitted by: Spur Energy Partners, LLC
Hearing Date: June 17, 2021
Case No. 21733

C.J. Lipinski

12207 Cobblestone Dr. • Houston, TX 77024 • CLipinski@Spurellc.com

WORK EXPERIENCE CONTINUED

Chevron Energy Technology Company

Houston, Texas, 2013 – Present.....*Carbonate Subject Matter Expert (Geologist)*

- Conducted fundamental research (75% of time) aimed at understanding and characterizing carbonate reservoirs while providing geologic technical service to business units globally (25% of time)
- Led 2-year research project characterizing carbonate-rich unconventional (Vaca Muerta, Utica-Point Pleasant, Wolfcampian, Eagle Ford, Duvernay) by performing and integrating outcrop mapping, measuring section, sample collection and analysis (qXRD, C & O isotopes, XRF), core description and analysis (qXRD, EDXRF, SEM, MICP, WIP, NMR, etc.), seismic interpretation and mapping, and well log correlation and analysis to develop predictive models of reservoir-quality based on mechanical properties, pore type and size distribution, organic richness, and hydrocarbon type
- Supported project that developed a carbonate exploration workflow and scorecard to be used in frontier and established basins for identifying, quantifying, and risking carbonate reservoirs in a consistent manner
- Created a stratigraphic trap classification scheme for carbonate reservoirs to aid exploration
- Consulted on 7 exploration wells in the Neuquén Basin of Argentina that led to \$1.5B joint venture deal
- Developed operational capabilities as a trainer and mentor leading field and classroom-based courses

Chevron E&P North America

Bakersfield, California, 2011-2013.....*Infill Well Project Team Lead*

- Managed a diverse, multidisciplinary team of geologists, reservoir, petroleum, drilling, facilities, construction, and operations engineers through prospect identification, development, and execution
- Ensured safe and timely execution, tracked capital budget and production, and routinely presented results to management
- Grew capital budget from \$30MM to \$110MM in 2 years while executing 157 wells incident free

Chevron E&P North America

Bakersfield, California, 2009-2011.....*Development Geologist*

- Identified and developed new well/optimization opportunities of shallow marine, fluvial/deltaic, and deep-water gravity deposits in brownfields through detailed well log correlation, subsurface mapping, petrophysical log interpretation, 2D/3D seismic mapping and interpretation, static 3D reservoir modeling, core description, analysis, interpretation, and reserves calculation
- Horizontal well subject matter expert at business unit for planning and onsite geosteering
- NextGEN software champion that tested and worked with developers to ensure product capabilities

EDUCATION

University of Kansas, Lawrence, KS, 2006-2009.....*Masters of Science in Geology*

- Emphasis in Sedimentology and Sequence Stratigraphy (3.9/4.0 GPA)
- Thesis on Terminal Carbonate Complex of the Miocene was published in 2 AAPG Bulletin articles

University of Wisconsin-Oshkosh, Oshkosh, WI, 2003-2006.....*Bachelor of Science in Geology*

- Classical, field-based academic program (3.6/4.0 GPA)

Exhibit D-2: AID NORTH Basemap

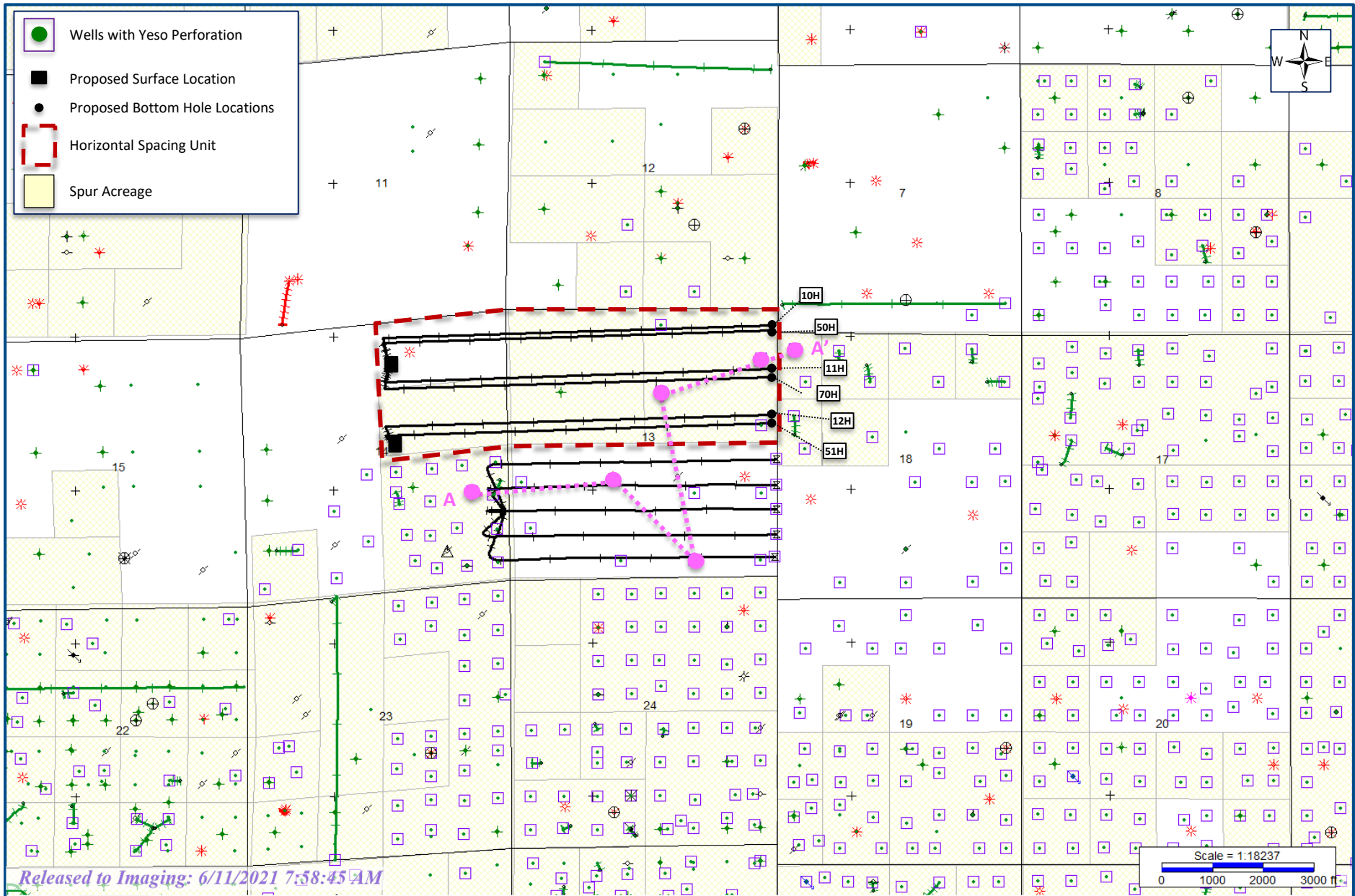









Exhibit D-3: Structure Map (SSTVD): Top Glorieta

-  Wells with Yeso Perforation
-  Proposed Surface Location
-  Proposed Bottom Hole Locations
-  Pooling Unit
-  Structure data points (SSTVD)

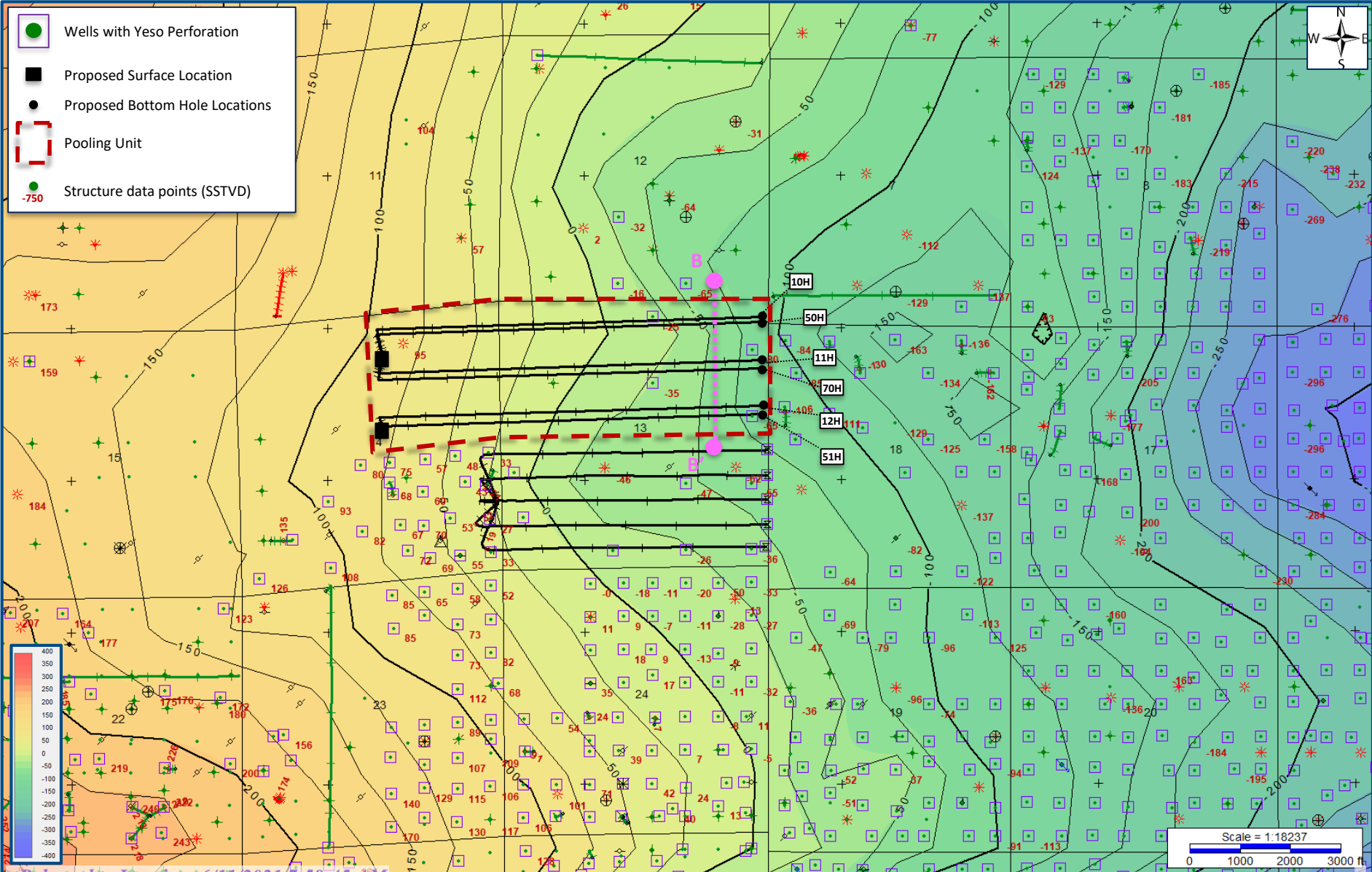
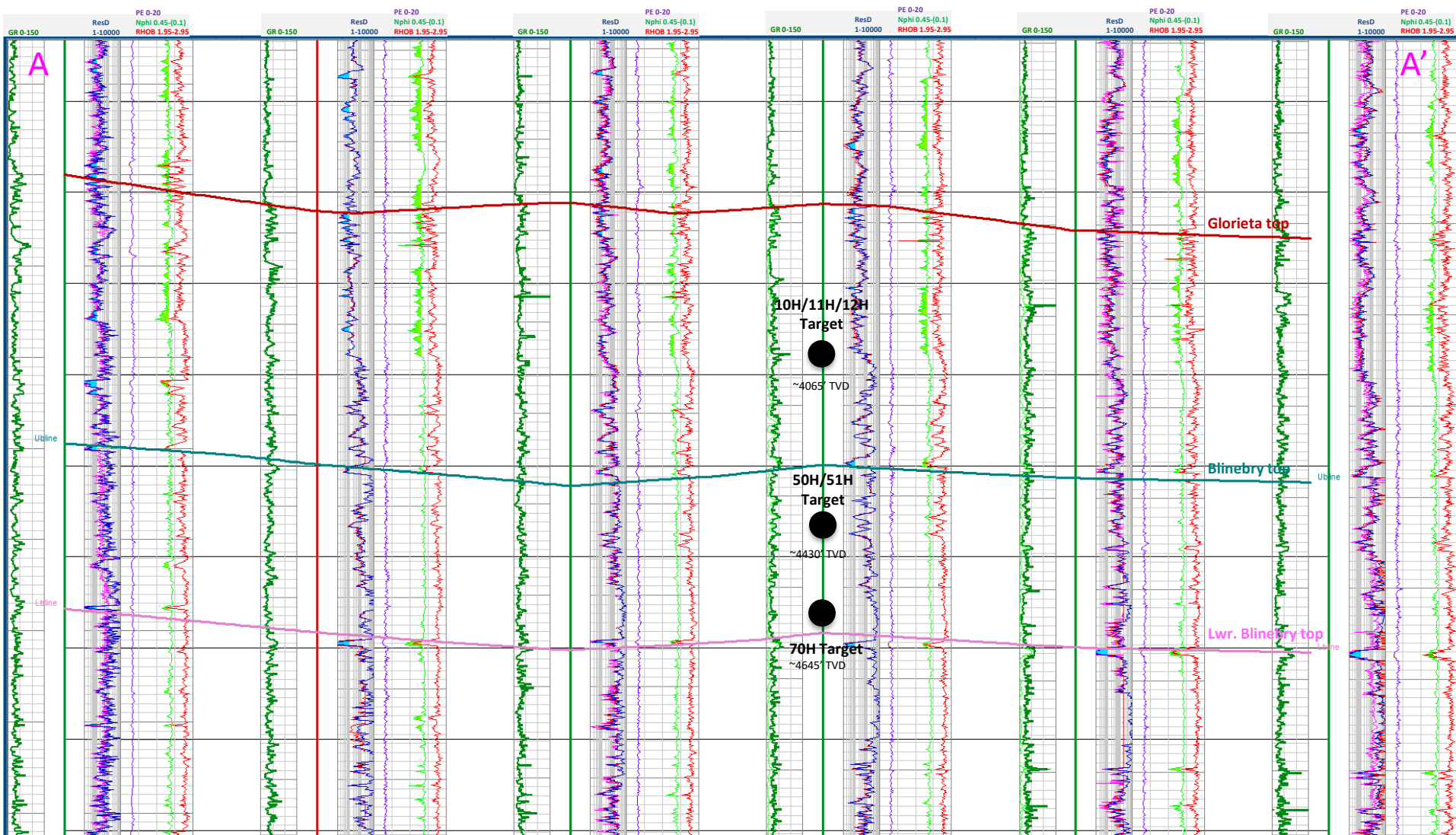


Exhibit D-4: Aid North Structural Cross Section (TVD)



BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. D4
 Submitted by: Spur Energy Partners, LLC
 Hearing Date: June 17, 2021
 Case No. 21733



Exhibit D-5: AID NORTH Gun Barrel (TVD)

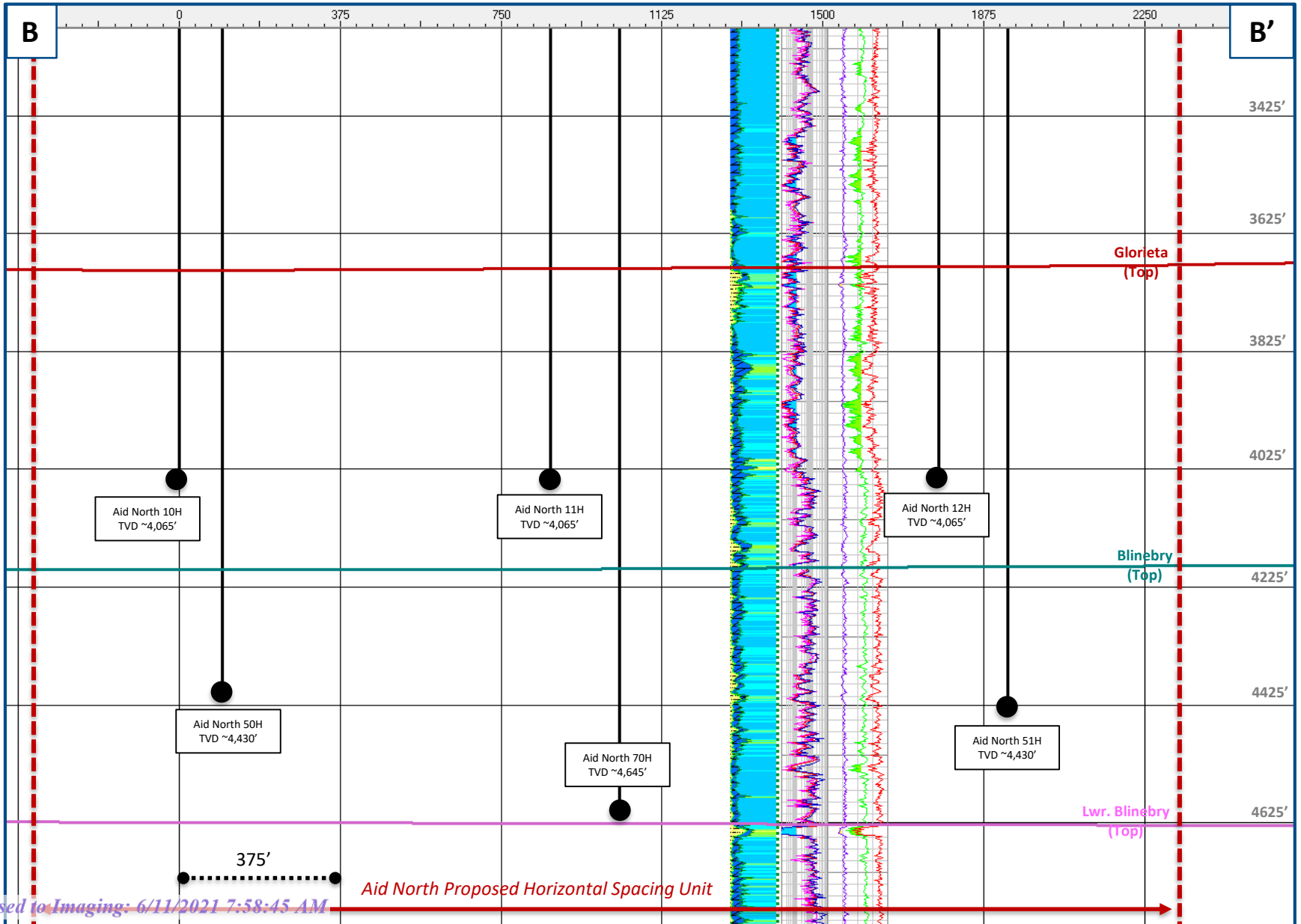




Exhibit D-6: Longfellow vs. SEP Development

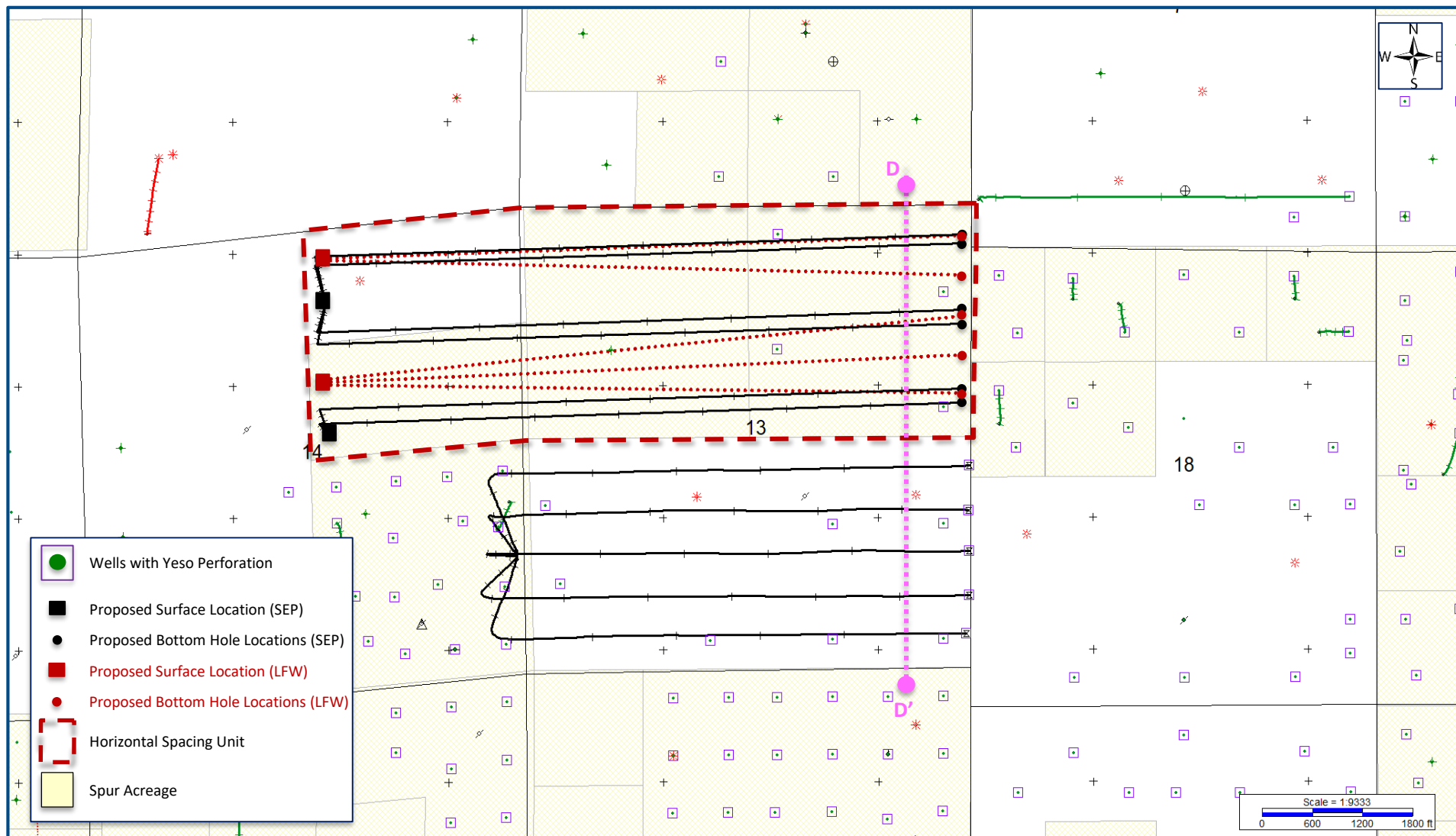
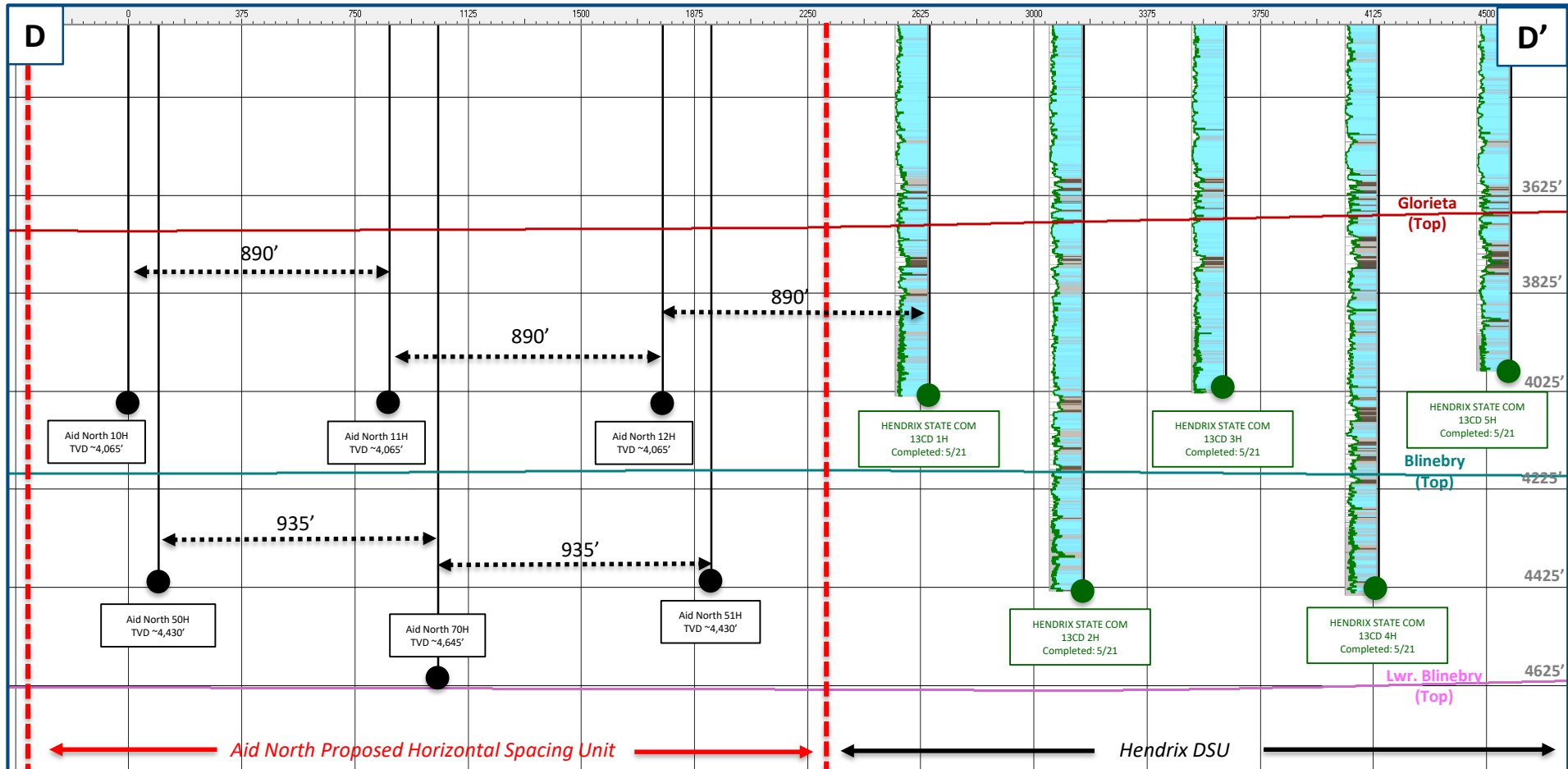


Exhibit D-7: SEP Development



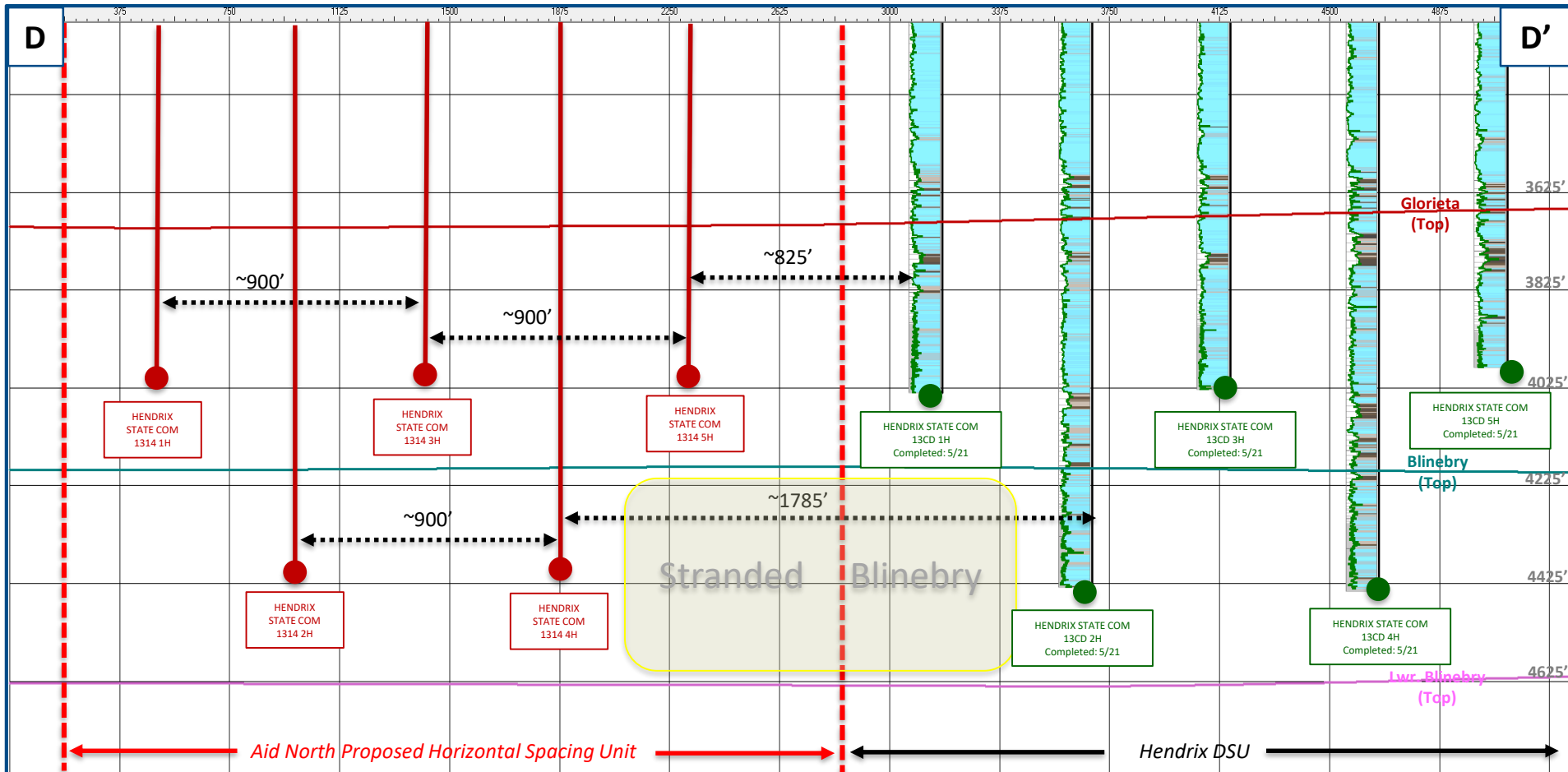
4625'

375'

BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. D7
 Submitted by: Spur Energy Partners, LLC
 Hearing Date: June 17, 2021
 Case No. 21733



Exhibit D-8: Longfellow Development



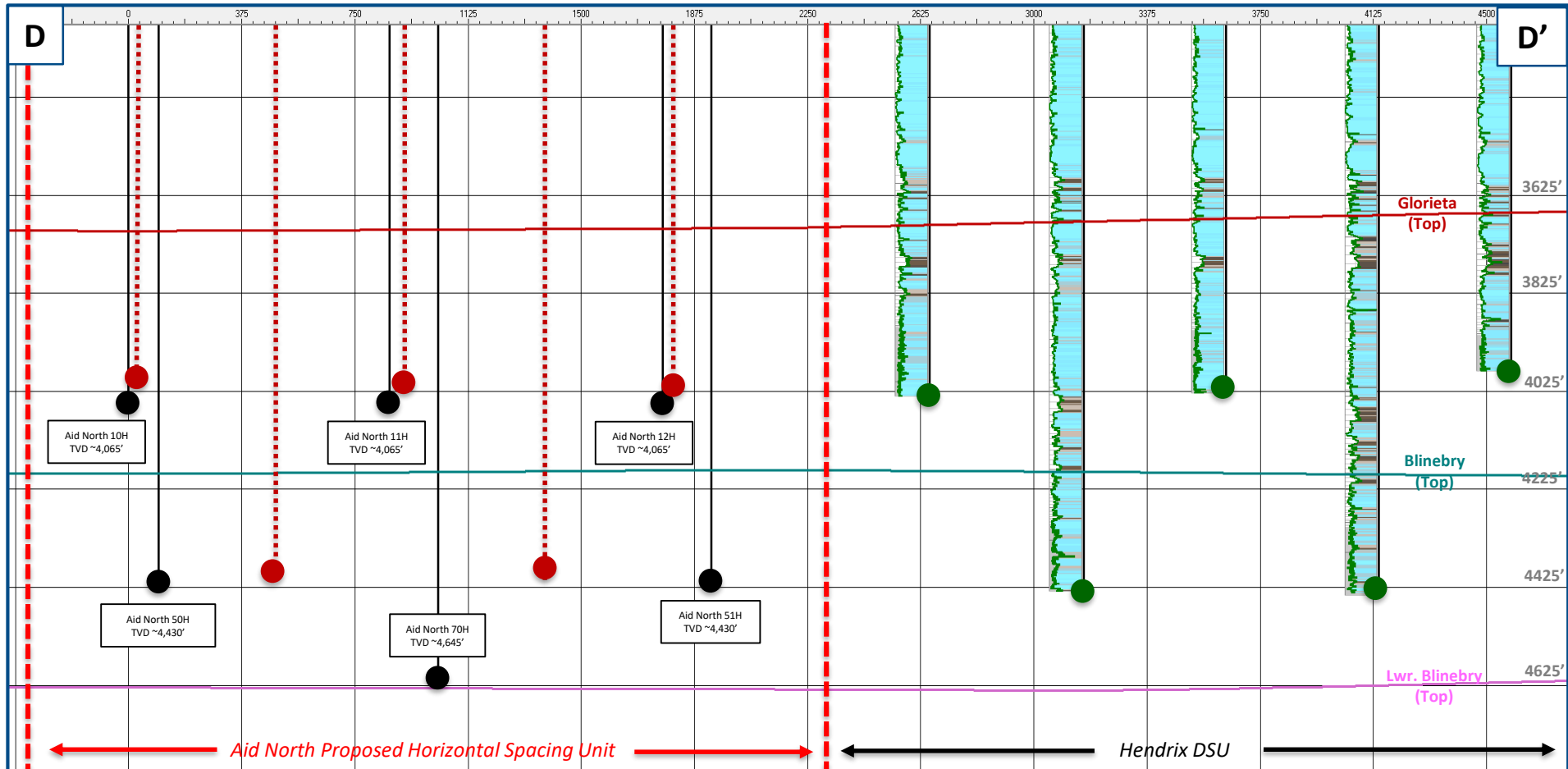
4625'

375'

BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. D8
 Submitted by: Spur Energy Partners, LLC
 Hearing Date: June 17, 2021
 Case No. 21733



Exhibit D-9: SEP vs Longfellow Development



4625'

375'

BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. D9
 Submitted by: Spur Energy Partners, LLC
 Hearing Date: June 17, 2021
 Case No. 21733



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

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

CASE NO. 21733

**APPLICATION OF LONGFELLOW
ENERGY, LP FOR COMPULSORY
POOLING, EDDY COUNTY, NEW
MEXICO.**

CASE NO. 21651

AFFIDAVIT OF JOHN M. NABORS

John M. Nabors, of lawful age and being first duly sworn, declares as follows:

1. My name is John M. Nabors. I work for Spur Energy Partners LLC (“Spur”), as Senior Vice President - Operations.

2. I have not previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters. I graduated from the University of Texas at Austin with a B.S. in Petroleum Engineering in 2006. Since 2019, I have worked with Spur as Senior Vice President – Operations in the Permian Basin. Prior to joining Spur, I also worked for WildHorse Resource Development Corporation as Vice President of Operations, where I led operations, production, and completions for until it Wildhorse was acquired by Chesapeake Energy Corporation in 2019. Prior to joining Wildhorse in 2011, I spent five years with Devon Energy where I held multiple engineering roles within Devon’s Southern Division.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. E
Submitted by: Spur Energy Partners, LLC
Hearing Date: June 17, 2021
Case No. 21733

3. **Spur Exhibit E-1** is a copy of my resume reflecting my education and experience in petroleum land matters. I seek to have my credentials accepted by the Division as an expert in petroleum engineering.

4. I am familiar with the application filed by Spur in this case and the competing well development plan and associated well and completion costs proposed by Longfellow Energy, LP (“Longfellow Energy”) in Case No. 21651.

5. The total well and completion costs for Spur’s proposed plan of development are estimated to be approximately \$23,152,500 for six 1.5-mile horizontal wells compared to Longfellow Energy’s estimated well and completion costs of approximately \$23,976,935 for five 1.5-mile horizontal wells. Overall, Spur’s proposed plan of development for **six** wells is estimated to cost approximately \$824,435 **less** than Longfellow’s development plan for **five** wells, resulting in a more cost-effective and efficient plan of development that will also result in more effective and complete development of the subject acreage, as addressed in our geologist’s testimony.

6. A breakdown of the proposed categories of costs on a per well basis further illustrates the greater value in Spur’s plan of development compared to the plan offered by Longfellow Energy:

Item	Longfellow AFE	SPUR AFE	Delta
Drilling	\$1,413,641	\$1,287,500	-\$126,141
Completion	\$3,381,745	\$2,270,000	-\$1,111,745
Facility	\$0	\$350,000	\$350,000
Total	\$4,795,386	\$3,907,500	-\$887,886

a.

7. Longfellow Energy’s estimated well and completion cost estimates are at least \$887,886 more expensive per well than Spur’s proposal.

8. The comparison above illustrates that the profitability of the proposed horizontal well spacing unit will be greatly hindered by Longfellow's proposed operation and well and completion expenses. Spur's proposed horizontal well development is more cost-effective and, as our geologist testified, will more effectively and efficiently drain the subject acreage compared to Longfellow Energy's improperly spaced well development plan.

9. In addition, Spur is a more experienced operator of horizontal wells in the Yeso formation compared to Longfellow Energy. **Spur Exhibit E-2** contains a map on the left side of the exhibit depicting the Yeso trend in yellow within the Northwestern Shelf in New Mexico, with an inset map showing the approximate location of the area in the southeastern part of the state. The map on the upper right of the exhibit shows in more detail Spur's acreage with its interests in the Yeso trend highlighted in yellow. In total, Spur has approximately 85,000 net acres in New Mexico's Yeso trend. Its interests include more than 3,000 producing wells, including more than 400 horizontal wells. Since acquiring its interests in New Mexico in 2019, Spur has drilled 30 horizontal wells to date and now has one drilling rig continuously operating. In all, Spur has completed 32 wells with six additional completions in progress.

10. **Spur Exhibit E-3** is another map of the Yeso trend outlined with dashed lines in southeastern New Mexico. It depicts vertical and horizontal producing wells in dark blue that are operated by Spur and completed in the Yeso formation. It also shows Yeso formation wells operated by Longfellow Energy in red, which are all vertical wells. The exhibit demonstrates that Spur has significantly more Yeso formation wells that it operates than Longfellow Energy.

11. **Spur Exhibit E-4** further compares Spur's operations to Longfellow Energy's operations in terms of gross oil production and operated wells. The top graph shows that Spur's overall gross oil production in the wells it operates exceeds Longfellow Energy's gross operated oil production by more than a factor of ten—17.7 MBO compared to 0.2 MBO as of February 2021. Similarly, in terms of operated well count, Spur operates more than 2,400 wells, including 346 producing horizontal wells, whereas Longfellow Energy operates approximately 60 vertical wells, with no currently producing horizontal wells.

12. **Spur Exhibits E-1 through E-4** were prepared by me or compiled under my direction from Spur's company business records.

FURTHER AFFIANT SAYETH NAUGHT.

John Nabors
JOHN M. NABORS

STATE OF TEXAS)
)
COUNTY OF HARRIS)

SUBSCRIBED and SWORN to before me this 10th day of June 2021 by John M. Nabors.

[Signature]
NOTARY PUBLIC

My Commission Expires:
05-15-2023



16705072_v1

John M. Nabors Bio

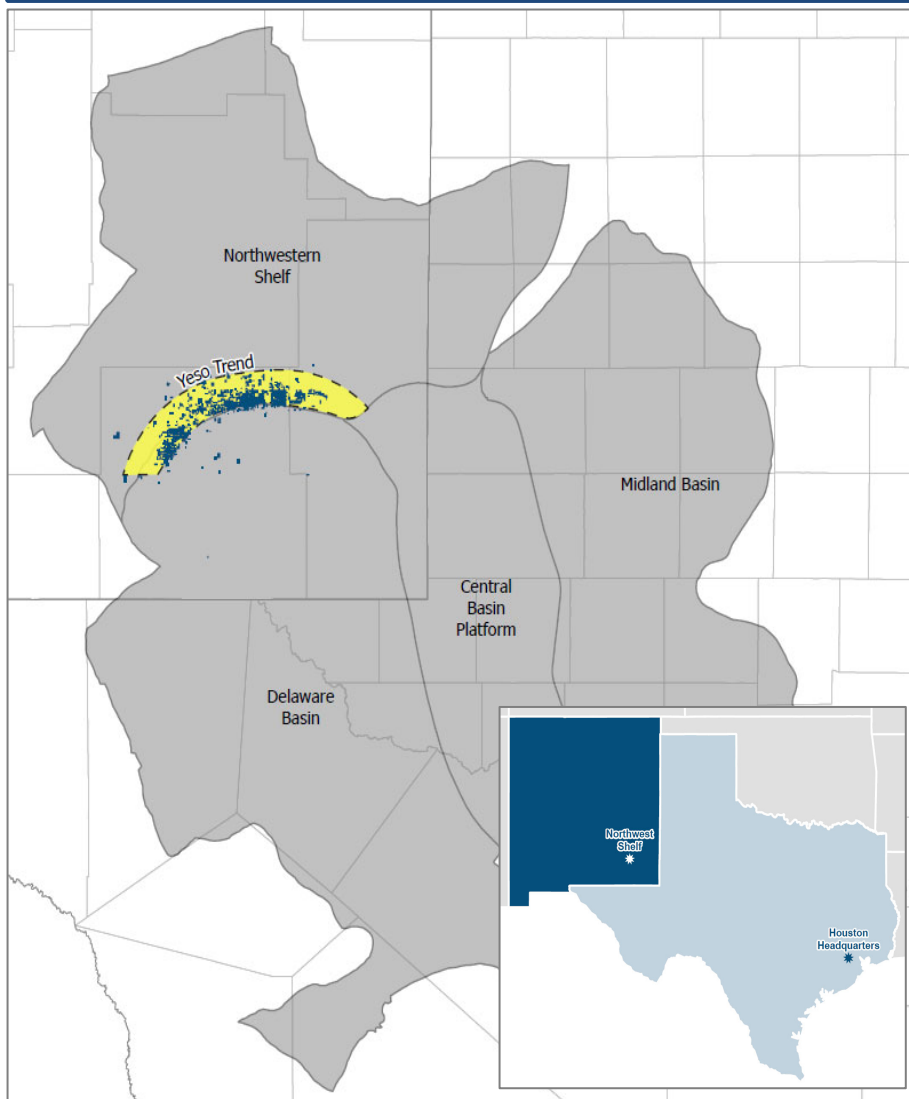
John M. Nabors served as WildHorse Resource Development Corporation's Vice President of Operations. Mr. Nabors led operations, production and completions for WildHorse until it was acquired by Chesapeake Energy Corporation in 2019. Additional operational efforts included the expansion of the Oakfield Gathering System, implementation of the Oakfield Processing Facility and the design and construction of WRD's 2 MMton/yr Burleson Sand Mine. Prior to WRD, Mr. Nabors was Operations Manager for WHRI where he completed 57 Lower Cotton Valley Horizontals in North Louisiana and was instrumental in lowering completion and LOE costs. Prior to joining WildHorse in 2011, Mr. Nabors spent 5 years with Devon Energy holding multiple engineering responsibilities in Devon's Southern Division. Mr. Nabors holds a B.S. in Petroleum Engineering from the University of Texas at Austin.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. E1
Submitted by: Spur Energy Partners, LLC
Hearing Date: June 17, 2021
Case No. 21733

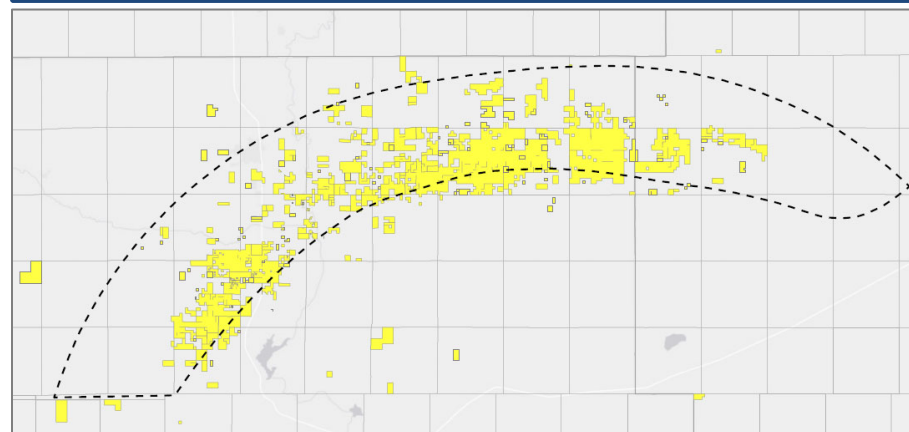
Spur Energy Partners LLC



Consolidated Position on the Northwest Shelf



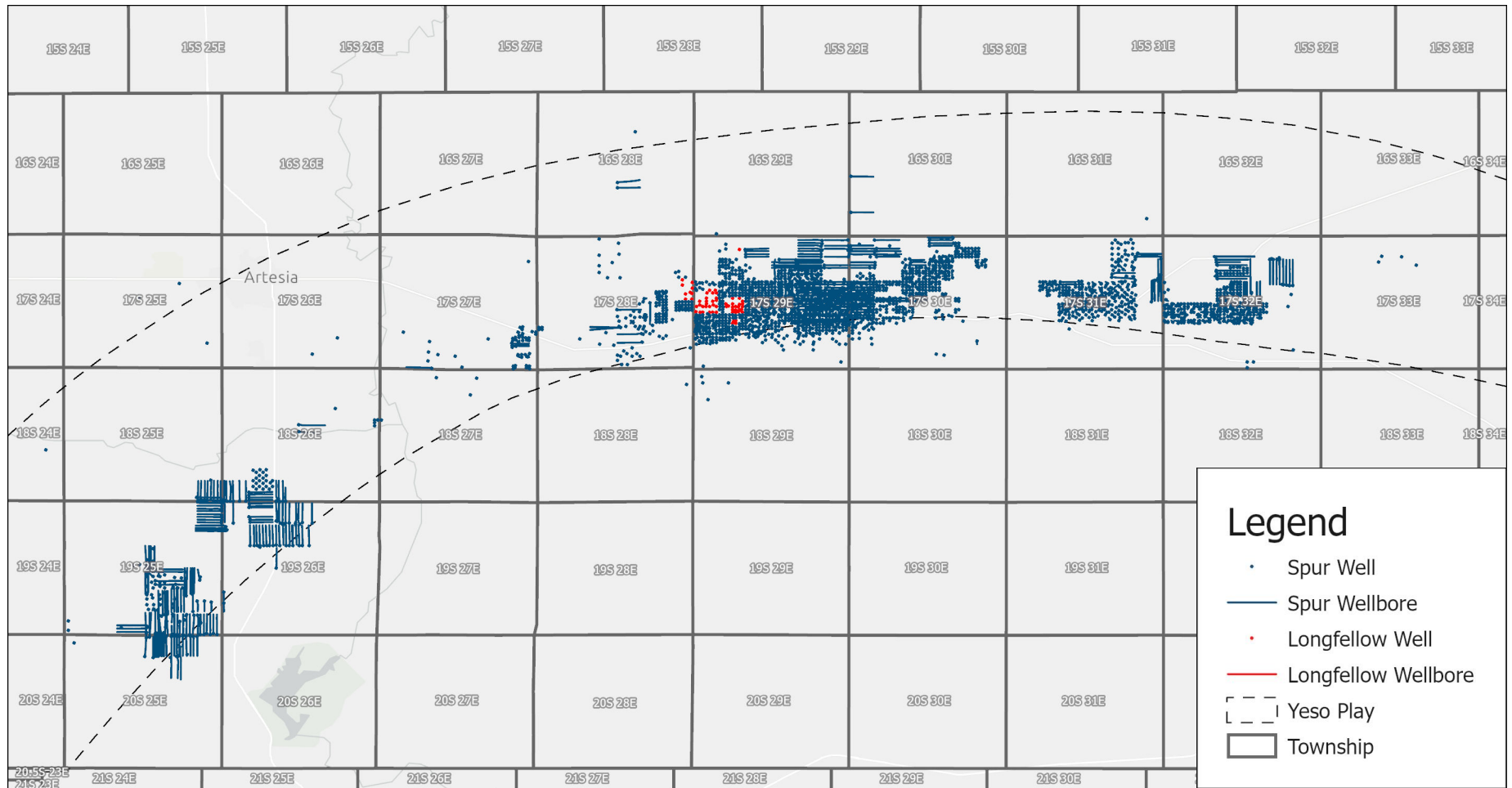
Spur Energy Partners Acreage Map



Company Statistics

- * ~85,000 net acres in the Yeso Trend in New Mexico
- * Over 3,000 producing wells (400+ horizontal)
- * ~18 MBO per day
- * Drilled 30 horizontal wells to date
 - * Running 1 rig continuously
- * Completed 32 wells to date
 - * Additional 6 completions in progress

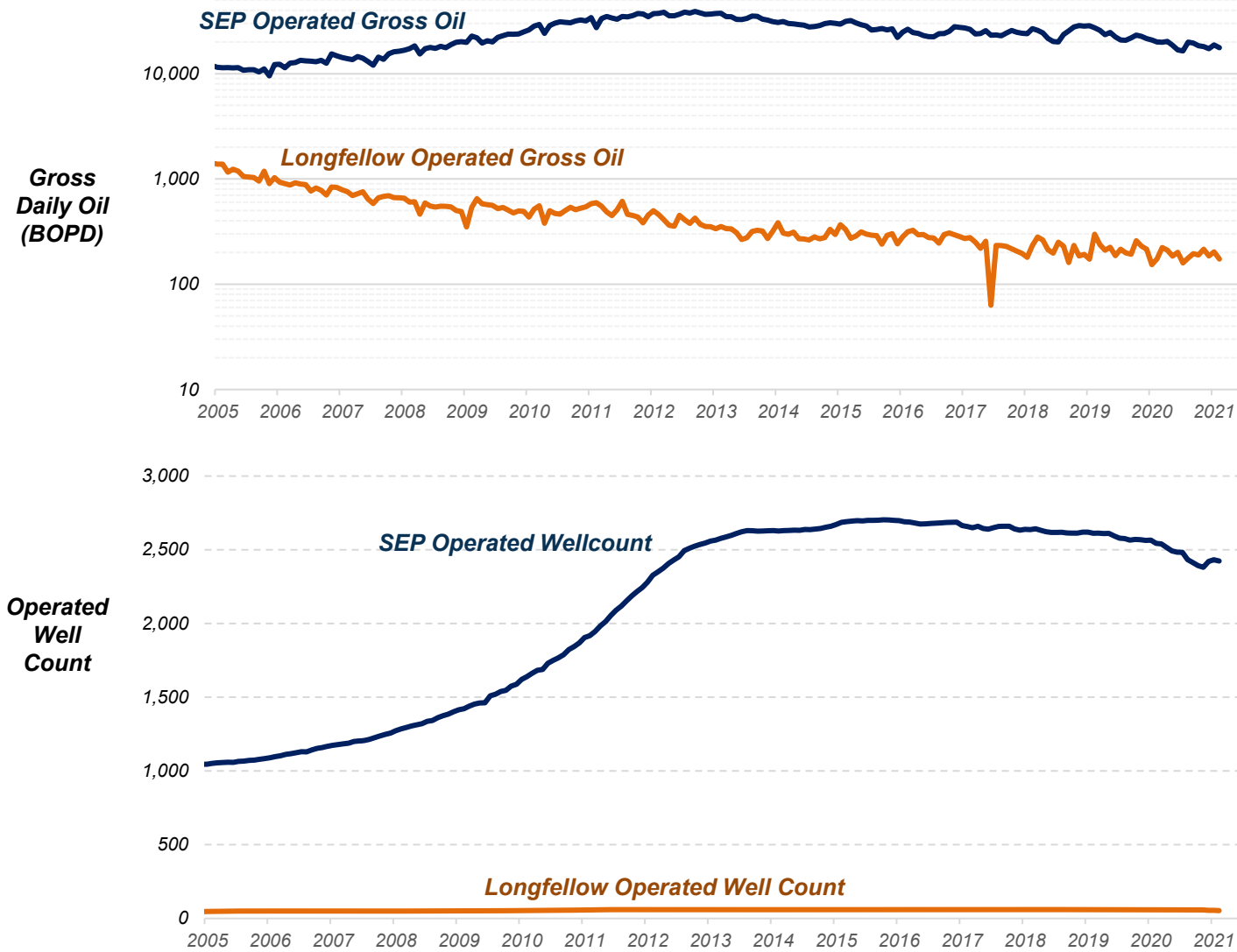
Operator Comparison – Producing Wells



BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. E3
 Submitted by: Spur Energy Partners, LLC
 Hearing Date: June 17, 2021
 Case No. 21733



Operator Comparison - Oil & Well Count



SEP gross operated production: **17.7 MBO/day** as of February 2021

Longfellow's gross operated production: **0.2 MBO/day** as of February 2021 (last month of public data)

SEP operates **2,400+** wells, including **346 producing horizontals**

Longfellow operates approximately **60 wells**, with no currently-producing horizontals



**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. 21733

AFFIDAVIT

STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

Adam G. Rankin, attorney in fact and authorized representative of Spur Energy Partners, LLC, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Application has been provided under the notice letters and proof of receipts attached hereto.



Adam G. Rankin

SUBSCRIBED AND SWORN to before me this 10th day of June, 2021 by Adam G. Rankin.

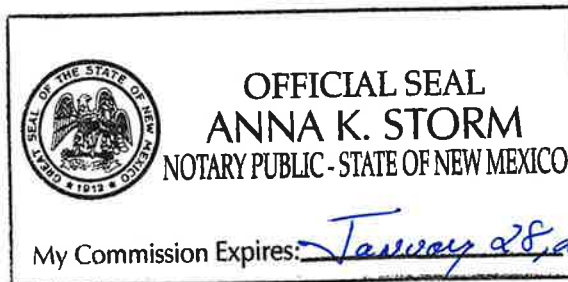


Notary Public

My Commission Expires:

January 28, 2023

12438941_1



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. F
Submitted by: Spur Energy Partners, LLC
Hearing Date: June 17, 2021
Case No. 21733



Kaitlyn A. Luck
Phone (505) 954-7286
KALuck@hollandhart.com

May 20, 2021

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Spur Energy Partners, LLC for compulsory pooling, Eddy County, New Mexico.
Aid North #10H, #11H, #12H, #50H, #51H, #70H wells

Ladies & Gentlemen:

This letter is to advise you that Spur Energy Partners, LLC has filed the enclosed application with the New Mexico Oil Conservation Division.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on June 17, 2021, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <http://www.emnrd.state.nm.us/OCD/announcements.html>.

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. Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division’s Santa Fe office at the above specified address 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.

If you have any questions about this matter, please contact Paul Eschete at (832) 930-8502, or paul@spurepllc.com.

Sincerely,

Kaitlyn A. Luck
ATTORNEY FOR SPUR ENERGY PARTNERS,
LLC

T 505.988.4421 F 505.983.6043
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208
www.hollandhart.com

Alaska	Montana	Utah
Colorado	Nevada	Washington, D.C.
Idaho	New Mexico	Wyoming

Spur - Aid North 10H-12H, 50H
Case No. 21733 Postal Delivery Report

TrackingNo	ToName	DeliveryAddress	City	State	Zip	USPS_Status
9414811898765893190078	SEP Permian, LLC	920 Memorial City Way Ste 1000	Houston	TX	77024-2653	Your item was delivered to an individual at the address at 10:09 am on May 24, 2021 in HOUSTON, TX 77024.
9414811898765893190436	Julia Ann Hightower Barnett	2502 Auburn Pl	Midland	TX	79705-4908	Your item was forwarded to a different address at 2:41 pm on May 24, 2021 in MIDLAND, TX. This was because of forwarding instructions or because the address or ZIP Code on the label was incorrect.
9414811898765893190474	MEC Petroleum Corp.	PO Box 11265	Midland	TX	79702-8265	Your item was picked up at a postal facility at 9:17 am on May 28, 2021 in MIDLAND, TX 79701.
9414811898765893190511	Fred G. Yates, Inc.	PO Box 2323	Roswell	NM	88202-2323	Your item was delivered at 10:48 am on May 24, 2021 in ROSWELL, NM 88201.
9414811898765893190559	John & Theresa Hillman Family Properties, LP	PO Box 50187	Midland	TX	79710-0187	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765893190566	Black Shale Minerals, LLC	PO Box 2243	Longview	TX	75606-2243	Your item was returned to the sender on June 1, 2021 at 1:45 pm in SANTA FE, NM 87501 because the addressee moved and left no forwarding address.
9414811898765893190504	Abuelo, LLC	21 Crook Dr	Artesia	NM	88210-9227	Your item was delivered to an individual at the address at 1:03 pm on May 24, 2021 in ARTESIA, NM 88210.
9414811898765893190542	Ergodic Resources, LLC	PO Box 2021	Roswell	NM	88202-2021	Your item is back at the ROSWELL, NM 88201 post office following a delivery attempt at 9:26 am on May 24, 2021 and is available for redelivery or pickup.
9414811898765893190535	Loco Hills Production Company, LLC	PO Box 779	Artesia	NM	88211-0779	Your item was delivered at 3:41 pm on June 1, 2021 in ARTESIA, NM 88210.
9414811898765893198210	Mark Wilson Family Partnership, LP	PO Box 2415	Midland	TX	79702-2415	Your item was delivered at 12:57 pm on May 26, 2021 in MIDLAND, TX 79701.
9414811898765893198227	Silverhair, LLC	1301 Lewis Rd	Artesia	NM	88210-9686	Your item was delivered to an individual at the address at 3:30 pm on May 24, 2021 in ARTESIA, NM 88210.
9414811898765893190412	Longfellow LH, LLC	16803 Dallas Pkwy	Addison	TX	75001-5212	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765893198296	Thomas A. Crow, as Trustee of the Mark E. Boling Revocable Trust	8210 Louisiana Blvd NE Ste B	Albuquerque	NM	87113-1761	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765893190450	Murchison Oil & Gas, LLC	7250 Dallas Pkwy Ste 1400 Legacy Tower One	Plano	TX	75024-5002	Your item was delivered to the front desk, reception area, or mail room at 1:45 pm on May 24, 2021 in PLANO, TX 75024.
9414811898765893190467	American Standard Energy Corp.	4800 N Scottsdale Rd Ste 1400	Scottsdale	AZ	85251-7632	Your item arrived at the SANTA FE, NM 87504 post office at 7:35 am on June 8, 2021 and is ready for pickup.
9414811898765893190429	Apache Corporation	2000 Post Oak Blvd Ste 100	Houston	TX	77056-4497	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765893190405	ConocoPhillips Company	925 N Eldridge Pkwy	Houston	TX	77079-2703	This is a reminder to arrange for redelivery of your item or your item will be returned to sender.
9414811898765893190498	Chisos, Ltd.	1331 Lamar St Ste 1077	Houston	TX	77010-3135	Your item was delivered to the front desk, reception area, or mail room at 2:58 pm on May 24, 2021 in HOUSTON, TX 77010.
9414811898765893190443	Yates Energy Corporation	PO Box 2323	Roswell	NM	88202-2323	Your item was delivered at 10:48 am on May 24, 2021 in ROSWELL, NM 88201.
9414811898765893190481	G.P.C. Oil & Gas Corporation	PO Box 50982	Midland	TX	79710-0982	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

Affidavit of Publication

Ad # 0004745731

This is not an invoice

HOLLAND AND HART
POBOX 2208

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 on the date as follows, to wit:

05/21/2021

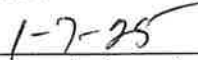


Legal Clerk

Subscribed and sworn before me this May 21, 2021:



State of WI, County of Brown
NOTARY PUBLIC



My commission expires

KATHLEEN ALLEN
Notary Public
State of Wisconsin

Ad # 0004745731
PO #: 04745731
of Affidavits 1

This is not an invoice

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. G
Submitted by: Spur Energy Partners, LLC
Hearing Date: June 17, 2021
Case No. 21733

STATE OF NEW MEXICO
ENERGY, MINERALS AND
NATURAL RESOURCES DE-
PARTMENT
OIL CONSERVATION
DIVISION
SANTA FE, NEW MEXICO

The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearings before a hearing examiner on the following case. During the COVID-19 Public Health Emergency, state buildings are closed to the public and Division hearings will be conducted remotely. The public hearing for the following case will be electronic and conducted remotely. The hearing will be conducted on Thursday, June 17, 2021, beginning at 8:15 a.m. To participate in the electronic hearing, the docket with instructions may be viewed at <http://www.emnr.d.state.nm.us/OCD/hearings.html> or obtained from Marlene Salvidrez, at Marlene.Salvidrez@state.nm.us. Documents filed in the case may be viewed at <http://ocdimage.emnrd.state.nm.us/imagining/CaseFileCriteria.aspx>. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in a hearing, contact Marlene Salvidrez at Marlene.Salvidrez@state.nm.us, or the New Mexico Relay Network at 1-800-659-1779, no later than June 7, 2021.

STATE OF NEW MEXICO TO:
All named parties and persons
having any right, title, interest
or claim in the following case
and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All overriding royalty interest owners and pooled parties, including: SEP Permian, LLC; Longfellow LH, LLC; Murchison Oil & Gas, LLC; American Standard Energy Corp.; Apache Corporation; ConocoPhillips Company; Chisos, Ltd.; Yates Energy Corporation; G.P.C. Oil & Gas Corporation; Julia Ann Hightower Barnett, her heirs and devisees; MEC Petroleum Corp.; Fred G. Yates, Inc.; John & Theresa Hillman Family Properties, LP; Black Shale Minerals, LLC; Abuelo, LLC; Ergodic Resources, LLC; Loco Hills Production Company, LLC; Mark Wilson Family Partnership, LP; Silverhair, LLC; and Thomas A. Crow, as Trustee of the Mark E. Boling Revocable Trust.

Case No. 21733;
A-----

Application of Spur Energy Partners, LLC for compulsory pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Yeso formation, underlying a standard 480-acre horizontal spacing unit comprised of the N/2 of Section 13, and the NE/4 of Section 14, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. Applicant proposes to dedicate the above-referenced spacing unit to the following wells:

- The Aid North #10H well, and the Aid North #50H, each of which will be horizontally drilled from a common surface location in the NW/4 NE/4 (Unit B) of Section 14, to bottom hole locations in the NE/4 NE/4 (Unit A) of Section 13;

- The Aid North #11H well, the Aid North #12H well, the Aid North #51H well, and the Aid North #70H well, each of which will be horizontally drilled from a common surface location in the NW/4 NE/4 (Unit B) of Section 14 to bottom hole locations in the SE/4 NE/4 (Unit H) of Section 13.

The completed interval of the Aid North #11H well will remain within 330 feet of the quarter-quarter line separating the N/2 N/2 from the S/2 N/2 of Section 13 and the N/2 NE/4 from the S/2 SE/4 of Section 14 to allow inclusion of these proximity tracts into a standard horizontal spacing unit. Also, to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof, actual operating costs, charges for supervision, designation of applicant as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 13 miles south of Artesia, New Mexico.

Current Argus, May 21, 2021
04745731