# NATURAL RESOURCES

Compulsory Pooling Hearing- Case No. 25348 E2 of Section 22-T20S-R32E and NE, N2SE of 27-T20S-R32E (Bone Spring)

Wells: Thai Curry 22-27 Fed Com #301H Thai Curry 22-27 Fed Com #302H Thai Curry 22-27 Fed Com #303H Thai Curry 22-27 Fed Com #401H Thai Curry 22-27 Fed Com #402H Thai Curry 22-27 Fed Com #501H Thai Curry 22-27 Fed Com #502H Thai Curry 22-27 Fed Com #503H Thai Curry 22-27 Fed Com #601H Thai Curry 22-27 Fed Com #601H Thai Curry 22-27 Fed Com #602H Thai Curry 22-27 Fed Com #603H

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

#### APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 25348

#### **EXHIBIT INDEX**

#### **Compulsory Pooling Application Checklist**

#### Exhibit A: Self-Affirmed Statement of Tiffany Sarantinos, Senior Landman

A-1	Application
A-2	C-102s
A-3	Plat of Tracts, Tract Ownership, Applicable Lease Numbers,
A-4	Unit Recap, Pooled Parties Highlighted
A-5	Sample Well Proposal Letter & AFEs
A-6	Chronology of Contact

#### Exhibit B: Self-Affirmed Statement of John Harper, Geologist

B-1	Locator Map
<b>B-2</b>	Wellbore Schematic
<b>B-3</b>	Bone Spring Structure Map
<b>B-4</b>	Cross-Section Locator Map
B-5	Stratigraphic Cross Section: First Bone Spring
<b>B-6</b>	Stratigraphic Cross Section: Second Bone Spring Shale
<b>B-7</b>	Stratigraphic Cross Section: Second Bone Spring Sand
<b>B-8</b>	Stratigraphic Cross Section: Third Bone Spring Sand

#### Exhibit C: Self-Affirmed Statement of Shane Kelly, Vice President of Engineering

#### Exhibit D: Self-Affirmed Statement of Yarithza Peña

D-1	Sample Notice Letter to All Interested Parties dated April 14, 2025 and May 8, 2025
D-2	Chart of Notice to All Interested Parties
D-3	Copies of Certified Mail Receipts and Returns
<b>D-4</b>	Affidavit of Publication for April 16, 2025 and May 11, 2025

#### **COMPULSORY POOLING APPLICATION CHECKLIST**

#### ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 25348	APPLICANT'S RESPONSE
Date	July 15, 2025
Applicant	Avant Operating II, LLC
Designated Operator & OGRID (affiliation if applicable)	Avant Operating II, LLC (OGRID No. 332947)
	Modrall, Sperling, Roehl, Harris, & Sisk, P.A.
Applicant's Counsel: Case Title:	Applcation of Avant Operating II, LLC for Approval of Non- Standard Unit and Compulsory Pooling, Lea County, New Mexico.
Entries of Appearance/Intervenors:	MRC Permian Company; Paloma Permian AssetCo, LLC; Permian Resources Operating, LLC; Civitas Permian Operating, LLC
Well Family	Thai Curry 22-27 Fed Com
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring
Pool Name and Pool Code (Only if NSP is requested):	Salt Lake; Bone Spring Pool (Code 53560)
Well Location Setback Rules (Only if NSP is Requested):	State-Wide Rules Apply
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	560-acres
Building Blocks:	40-acres
Orientation:	North/South
Description: TRS/County	E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and</u> is approval of non-standard unit requested in this application?	No. Approval of non-standard unit is being requested in this application.
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	N/A: Applicant is seeking approval of a non-standard unit.
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	See Exhibit A-3/A-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
Well #1: Thai Curry 22-27 Fed Com #301H	API No. Pending SHL: 423' FNL & 344' FEL, (Unit A), Section 22, T20S, R32E BHL: 1420' FSL & 330' FEL, (Unit I) Section 27, T20S, R32E Completion Target: First Bone Spring Completion Status: Standard Orientation: North/South TVD: 8,800'
Well #2: Thai Curry 22-27 Fed Com #302H	API No. Pending SHL: 421' FNL & 404' FEL, (Unit A), Section 22, T20S, R32E BHL: 1420' FSL & 1320' FEL, (Unit I) Section 27, T20S, R32E Completion Target: First Bone Spring Completion Status: Standard Orientation: North/South TVD: 8,800'

Received by OCD: 7/9/2025 8:12:05 AM Well #3: Thai Curry 22-27 Fed Com #303H	API No. Pending
	SHL: 418' FNL & 464' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 2310' FEL, (Unit J) Section 27, T20S, R32E
	Completion Target: First Bone Spring
	Completion Status: Standard
	Orientation: North/South
	TVD: 8,800'
Well #4: Thai Curry 22-27 Fed Com #401H	API No. Pending
	SHL: 422' FNL & 364' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 825' FEL, (Unit I) Section 27, T20S, R32E
	Completion Target: Second Bone Spring
	Completion Status: Standard
	Orientation: North/South
Vell #6:Thai Curry 22-27 Fed Com #402H	TVD: 9,000' API No. Pending
Well #6.111al Curry 22-27 Fed Colli #402H	SHL: 420' FNL & 424' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 1815' FEL, (Unit J) Section 27, T205, R32E
	Completion Target: Second Bone Spring
	Completion Status: Standard
	Orientation: North/South
	TVD: 9,000'
Vell #7: Thai Curry 22-27 Fed Com #501H	API No. Pending
,	SHL: 424' FNL & 324' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 330' FEL, (Unit I) Section 27, T20S, R32E
	Completion Target: Second Bone Spring
	Completion Status: Standard
	Orientation: North/South
	TVD: 9,600'
Vell #13: Thai Curry 22-27 Fed Com #502H	API No. Pending
	SHL: 422' FNL & 384' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 1320' FEL, (Unit I) Section 27, T20S, R32E
	Completion Target: Second Bone Spring
	Completion Status: Standard
	Orientation: North/South
	TVD: 9,600'
Vell #14: Thai Curry 22-27 Fed Com #503H	API No. Pending
	SHL: 419' FNL & 444' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 2310' FEL, (Unit J) Section 27, T20S, R32E
	Completion Target: Second Bone Spring
	Completion Status: Standard
	Orientation: North/South
	TVD: 9,600'
Vell #7: Thai Curry 22-27 Fed Com #601H	ABI No. Donding
	API No. Pending SHL: 573' FNL & 351' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 330' FEL, (Unit A), Section 22, 1205, R32E
	Completion Target: Third Bone Spring
	Completion Target. Third Bone Spring
	Orientation: North/South
	TVD: 10,600'
Vell #13: Thai Curry 22-27 Fed Com #602H	API No. Pending
	SHL: 570' FNL & 431' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 1320' FEL, (Unit I) Section 27, T20S, R32E
	Completion Target: Third Bone Spring
	Completion Status: Standard
	Orientation: North/South
	TVD: 10,600'
/ell #14: Thai Curry 22-27 Fed Com #603H	API No. Pending
	SHL: 566' FNL & 511' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 2310' FEL, (Unit J) Section 27, T20S, R32E
	Completion Target: Third Bone Spring
	Completion Status: Standard
	Orientation: North/South
	TVD: 10,600'
Horizontal Well First and Last Take Points รูปหนูรูยสาวารรูปสาวารรูปสาวารรูปสาวารรูปสาว	Exhibit A-2

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Production Supervision/Month \$       \$1,1         Justification for Supervision Costs       Exh         Requested Risk Charge       200         Notice of Hearing       200         Proposed Notice of Hearing       Exh         Proof of Mailed Notice of Hearing (20 days before hearing)       Exh         Proof of Published Notice of Hearing (10 days before hearing)       Exh         Ownership Determination       Land Ownership Schematic of the Spacing Unit       Exh	.0,000.00 .,000.00 .hibit A 00% .hibit D-1 .hibit D-2 and D-3 .hibit D-4 .hibit A-3
Production Supervision/Month \$       \$1,1         Justification for Supervision Costs       Exh         Requested Risk Charge       200         Notice of Hearing       200         Proposed Notice of Hearing       Exh         Proof of Mailed Notice of Hearing (20 days before hearing)       Exh         Proof of Published Notice of Hearing (10 days before hearing)       Exh         Ownership Determination       Land Ownership Schematic of the Spacing Unit       Exh	hibit A 0% hibit D-1 hibit D-2 and D-3 hibit D-4
Justification for Supervision Costs       Exh         Requested Risk Charge       200         Notice of Hearing       200         Proposed Notice of Hearing       Exh         Proof of Mailed Notice of Hearing (20 days before hearing)       Exh         Proof of Published Notice of Hearing (10 days before hearing)       Exh         Ownership Determination       Exh         Land Ownership Schematic of the Spacing Unit       Exh	hibit A 00% hibit D-1 hibit D-2 and D-3 hibit D-4
Requested Risk Charge       200         Notice of Hearing       200         Proposed Notice of Hearing       Exh         Proof of Mailed Notice of Hearing (20 days before hearing)       Exh         Proof of Published Notice of Hearing (10 days before hearing)       Exh         Ownership Determination       Land Ownership Schematic of the Spacing Unit       Exh	00% hibit D-1 hibit D-2 and D-3 hibit D-4
Notice of Hearing       Exh         Proposed Notice of Hearing       Exh         Proof of Mailed Notice of Hearing (20 days before hearing)       Exh         Proof of Published Notice of Hearing (10 days before hearing)       Exh         Ownership Determination       Exh         Land Ownership Schematic of the Spacing Unit       Exh	hibit D-1 hibit D-2 and D-3 hibit D-4
Proposed Notice of HearingExhProof of Mailed Notice of Hearing (20 days before hearing)ExhProof of Published Notice of Hearing (10 days before hearing)ExhOwnership DeterminationExhLand Ownership Schematic of the Spacing UnitExh	hibit D-2 and D-3 hibit D-4
Proof of Mailed Notice of Hearing (20 days before hearing)       Exh         Proof of Published Notice of Hearing (10 days before hearing)       Exh         Ownership Determination       Exh         Land Ownership Schematic of the Spacing Unit       Exh	hibit D-2 and D-3 hibit D-4
Proof of Published Notice of Hearing (10 days before hearing)       Exh         Ownership Determination       Land Ownership Schematic of the Spacing Unit	hibit D-4
Ownership Determination         Land Ownership Schematic of the Spacing Unit         Exh	
	hibit A-3
Tract List (including lease numbers and owners) Exh	hibit A-3
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements. Exh	hibit A-3
Pooled Parties (including ownership type) Exh	hibit A-4
Unlocatable Parties to be Pooled N/A	/A
Ownership Depth Severance (including percentage above &	
below) N/A	/Α
Joinder	
Sample Copy of Proposal Letter Exh	hibit A-5
List of Interest Owners (ie Exhibit A of JOA) Exh	hibit A-3
Chronology of Contact with Non-Joined Working Interests Exh	hibit A-6
Overhead Rates In Proposal Letter Exh	hibit A-5
Cost Estimate to Drill and Complete Exh	hibit A-5
Cost Estimate to Equip Well Exh	hibit A-5
Cost Estimate for Production Facilities Exh	hibit A-5
Geology	
Summary (including special considerations) Exh	hibit B
	hibit B-2
Gunbarrel/Lateral Trajectory Schematic Exh	hibit B-2
Well Orientation (with rationale) Exh	hibit B
Target Formation Exh	hibit B-3
HSU Cross Section Exh	hibits B-5 to B-8
Depth Severance Discussion N/A	Ά
Forms, Figures and Tables	
C-102 Exh	hibit A-2
Tracts Exh	hibit A-3
Summary of Interests, Unit Recapitulation (Tracts) Exh	hibit A-4
General Location Map (including basin)	hibit B-1
Well Bore Location Map Exh	hibit B-2
Structure Contour Map - Subsea Depth Exh	hibits B-3
Cross Section Location Map (including wells) Exh	hibits B-4
	hibits B-5; B-6; B-7; B-8
Additional Information	
Special Provisions/Stipulations N/A	Ά
CERTIFICATION: I hereby certify that the information provided in	· · · · · · · · · · · · · · · · · · ·
	arithza Pena / Yarithza Pena
Date:	7/8/2025

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**Released to Imaging: 7/9/2025 8:12:54 AM** 

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

#### APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

#### CASE NO. 25348

#### AMENDED SELF-AFFIRMED STATEMENT OF TIFFANY SARANTINOS

Tiffany Sarantinos hereby states and declares as follows:

1. I am over the age of 18, I am a senior landman for Avant Operating II, LLC ("AO II")

and have personal knowledge of the matters stated herein.

- 2. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum landman were accepted as a matter of record.
  - 3. My area of responsibility at AO II includes the area Lea County in New Mexico.
  - 4. I am familiar with the application filed by AO II in this case, which is attached as

#### Exhibit A-1.

5. I am familiar with the status of the lands that are subject to this application.

6. I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced application.

7. AO II seeks an order (1) approving a non-standard unit, and (2) pooling all uncommitted interests within a non-standard 560-acre, more or less, Bone Spring horizontal spacing unit comprised of the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico.

8. AO II seeks approval of a 560-acre non-standard spacing unit as approval of this application will allow AO II to efficiently locate surface facilities, reduce surface disturbance,

Avant Operating II, LLC Case No. 25348 Exhibit A consolidate roads, tanks, and pipelines, and promote effective well spacing, which is consistent with Division rules. *See, e.g.*, Rule 19.15.167(P) NMAC; Rule 19.15.16.15(B)(8) NMAC; Rule 19.15.16.15(C)(7)(NMAC).

AO II seeks to dedicate the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section
 Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico to the following wells:

- a. Thai Curry 22-27 Fed Com #301H, Thai Curry 22-27 Fed Com #302H, Thai Curry 22-27 Fed Com #401H, Thai Curry 22-27 Fed Com #501H, Thai Curry 22-27 Fed Com #502H, Thai Curry 22-27 Fed Com #601H, and Thai Curry 22-27 Fed Com #602H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and
- b. Thai Curry 22-27 Fed Com #303H, Thai Curry 22-27 Fed Com #402H, Thai Curry 22-27 Fed Com #503H, and Thai Curry 22-27 Fed Com #603H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NW/4 SE/4 (Unit J) of Section 27.

10. The wells will be horizontally drilled, and the producing areas for the wells are expected to be orthodox.

11. Attached as **Exhibit A-2** are the proposed C-102s for the wells.

12. The C-102s identify the proposed surface hole locations and the bottom hole locations,

and the first take points. The C-102s also identify the pool and pool code.

- 13. The wells will develop the Salt Lake; Bone Spring Pool (Code 53560).
- 14. This pool is an oil pool with 40-acre building blocks.
- 15. This pool is governed by the state-wide horizontal well rules.
- 16. There are no depth severances within the proposed spacing unit.

17. **Exhibit A-3** includes lease tract maps outlining the unit being pooled. The tract maps show the general location of the wells within the proposed non-standard unit, and a list of the wells with the pool code identified. Exhibit A-3 also includes a tract map showing the location of the wells within AO II's proposed non-standard unit along with the pool name and pool code for each well. Exhibit A-3 also includes the map showing the offset operators who received notice of the non-standard unit.

18. **Exhibit A-4** is a unit recapitulation with the working interest owners to be pooled highlighted in yellow. Exhibit A-4 also includes a list of the ORRI owners, all of which AO II is seeking to pool.

19. **Exhibit A-5** contains a sample well proposal letter and Authorizations for Expenditure ("AFEs") sent to all working interest owners. The estimated cost of the wells set forth in the AFEs are fair and reasonable and comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico.

20. AO II requests overhead and administrative rates of \$10,000.00/month for drilling a well and \$1,000.00/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern, New Mexico. AO II requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

21. AO II requests the maximum cost plus 200% risk charge be assessed against nonconsenting working interest owners.

22. I have conducted a diligent search of the public records in the county where the wells are located, and conducted phone directory and computer searches to locate contact information for parties entitled to notification, and mailed the working interest owners well proposals, including an Authorization for Expenditure.

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23. In my opinion, AO II has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells as demonstrated by the chronology of contact in **Exhibit A-6**.

24. AO II has been in direct communication with MRC Permian Company ("MRC") and is actively working to address and resolve MRC's objection. MRC initially contacted AO II with questions regarding the proposed development plan and the number of wells included in the Thai Curry proposals. AO II has since provided responses to those inquiries, including MRC's follow-up technical questions. Further, AO II and MRC are actively negotiating an agreement with MRC sending over a draft to AO II on July 2, and AO II providing MRC a redlined draft on July 3.

25. MRC holds a 6.9% working interest in the unit, whereas AO II holds a controlling interest totaling 63.36%. Notably, MRC has not submitted a competing development plan and has not raised any additional concerns regarding the Thai Curry development.

26. AO II requests that it be designated operator of the wells.

27. The parties AO II is seeking to pool were notified of this hearing.

28. AO II seeks to pool overriding royalty interest owners, and they were also provided notice of this hearing.

29. AO II also provided notice to offset affected parties for purposes of the non-standard unit application.

30. In my opinion, the granting of this application is in the interests of conservation and the prevention of waste.

31. The exhibits to my self-affirmed statement were prepared by me, or compiled from company business records, or were prepared at my direction or supervision.

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32. I attest under penalty of perjury the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief and I will adopt this testimony at the hearing in this matter.

[Signature Page Follows]

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July 7, 2025

Date

Tiffany Sarantinos

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

#### APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

#### CASE NO. 25348

#### **APPLICATION**

Avant Operating II, LLC ("AO II"), OGRID Number 332947, through its undersigned attorneys, hereby files this application with the Oil Conservation Division ("Division") pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (1) approving a non-standard unit, and (2) pooling all uncommitted interests within a non-standard 560-acre, more or less, Bone Spring horizontal spacing unit comprised of the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico. In support of this application, AO II states as follows:

1. AO II has an interest in the subject lands and has a right to drill and operate a well thereon.

2. AO II seeks to dedicate the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico to form a non-standard 560-acre, more or less, Bone Spring horizontal spacing unit (the "Unit") in the Salt Lake; Bone Spring pool (Pool code 53560) (the "Unit")

3. AO II seeks approval of the 560-acre non-standard spacing unit because approval of this application will allow AO II to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing.

4. AO II seeks to dedicate the Unit to the following wells:

Avant Operating II, LLC Case No. 25348 Exhibit A-1

- Thai Curry 22-27 Fed Com #301H, Thai Curry 22-27 Fed Com #302H, Thai Curry 22-27 Fed Com #401H, Thai Curry 22-27 Fed Com #501H, Thai Curry 22-27 Fed Com #502H, Thai Curry 22-27 Fed Com #601H, and Thai Curry 22-27 Fed Com #602H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and
- Thai Curry 22-27 Fed Com #303H, Thai Curry 22-27 Fed Com #402H, Thai Curry 22-27 Fed Com #503H, and Thai Curry 22-27 Fed Com #603H wells with proposed surface hole locations in the N/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NW/4 SE/4 (Unit J) of Section 27.

5. The wells will be horizontally drilled, and the producing areas for the wells are expected to be orthodox.

6. AO II sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

7. The pooling of all interests in the Bone Spring formation underlying the proposed unit and approving, to the extent necessary, the overlapping spacing unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

8. Approval of a non-standard spacing unit will allow AO II to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands and reduce surface disturbance.

WHEREFORE, AO II requests this application be set for hearing before an Examiner of the Oil Conservation Division on May 8, 2025, and after notice and hearing as required by law, the Division enter its order:

A. Approving the non-standard spacing unit;

B. Pooling all uncommitted interests in Bone Spring formation underlying a horizontal spacing unit within the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico;

C. Designating AO II as operator of this unit and the wells to be drilled thereon;

D. Authorizing AO II to recover its costs of drilling, equipping and completing the wells;

E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and

F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

By:/s/ Deana M. Bennett

Earl E. DeBrine, Jr. Deana M. Bennett Yarithza Peña Post Office Box 2168 500 Fourth Street NW, Suite 1000 Albuquerque, New Mexico 87103-2168 Telephone: 505.848.1800 edebrine@modrall.com deana.bennett@modrall.com yarithza.pena@modrall.com Attorneys for Avant Operating II, LLC **CASE NO.** 25348 : Application of Avant Operating II, LLC for approval of a non-standard spacing unit and compulsory pooling, Lea County, New Mexico. Applicant seeks an order from the Division approving a non-standard 560-acre, more or less, Bone Spring horizontal spacing unit and pooling all uncommitted interests in the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico in the Salt Lake; Bone Spring pool (Pool code 53560). This spacing unit will be dedicated to the following wells: Thai Curry 22-27 Fed Com #301H, Thai Curry 22-27 Fed Com #302H, Thai Curry 22-27 Fed Com #401H, Thai Curry 22-27 Fed Com #501H, Thai Curry 22-27 Fed Com #502H, Thai Curry 22-27 Fed Com #601H, and Thai Curry 22-27 Fed Com #602H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and the Thai Curry 22-27 Fed Com #303H, Thai Curry 22-27 Fed Com #402H, Thai Curry 22-27 Fed Com #503H, and Thai Curry 22-27 Fed Com #603H wells with proposed surface hole locations in the N/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NW/4 SE/4 (Unit J) of Section 27. The wells will be drilled at orthodox locations. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Avant Operating II, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 36 miles southwest of Hobbs, New Mexico.

#### Avant Operating II, LLC Case No. 25348

Page 16 of 147

						С	ase No. 2	5348		
<u>C-1(</u>	<u>)2</u>		En	0.		ral Resources Depa		2		Revised July 9, 2024
	Electronical			OIL	CONSERVA	TION DIVISION			X Initial Su	hmittal
Via OCD Permitting								Submittal		
								Type:		1
							-		□ As Drille	d
						TION INFORMATION	N			
53560						Pool Name Salt Lak	ke; Bone	Spring	1	
						RY 22 27 FED COM			Well Numbe	#301H
						PERATING II, LLC			Ground Lev	el Elevation 3532'
Surface Owner:  State  Fee  Tribal  Federal						Mineral Owner: 🗆 S	State 🛛 Fee [	🗆 Tribal 🛛 I	Federal	
		1			Surf	ace Location	1			
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
A	22	20 S	32 E		423' FNL	344' FEL	32.5647	778° -10	03.746586°	LEA
	1 ~ .	<b>T</b> 1:		1.		n Hole Location	1			
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
I	27	20 S	32 E		1420' FSL	330' FEL	32.5408	342° -10	03.746560°	LEA
Dedica	ited Acres	Infill or Defi	ning Well	Defining	g Well API	Overlapping Spacing	Unit (Y/N)	Consolidati	on Code	
	60.00	Infill	ing or en		,	No	0	Consolidatio	on code	
	Numbers.					Well setbacks are un	nder Commor	n Ownershin	: TYes XNo	•
oraci										·
		Tarratio	Danas		1	Off Point (KOP)	The second	T		Gausta
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W			ongitude	County
A	22	20 S	32 E		423' FNL	344' FEL	32.5647	//8 -10	03.746586°	LEA
			5	1 -		ake Point (FTP)	1		• •	
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W			ongitude	County
A	22	20 S	32 E		100' FNL	330' FEL	32.565667° -103.74		03.746540°	LEA
	_				Last T	ake Point (LTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
Ι	27	20 S	32 E		1420' FSL	330' FEL	32.5408	342°  -10	03.746560°	LEA
Unitize	ed Area or Ar	ea of Uniform I	nterest	Spacing	Unit Type 🛛 Hori	zontal 🗆 Vertical	Grour	nd Floor Elev	ration: 3532'	
									3032	
I hereby my know organiza includin location interest,	v certify that the wledge and beli ation either ow og the proposed pursuant to a	ef, and, if the well ns a working inter- bottom hole locat contract with an o ury pooling agreen	ained herein is t is a vertical or est or unleased ion or has a rig wner of a worki.	directional w mineral inter ht to drill this ng interest or	est in the land s well at this r unleased mineral	SURVEYOR CERTIF I hereby certify that the wel surveys made by me or undo of my belief.	l location shown			
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. Sach Furgers 4/8/2025					In	- 31 Ma	roh 20	enoressu	DNAL SURVEYOR	
Signatu	ire	1	Date			Signature and Seal of Prot	fessional Surve	yor		
Sara	ah Ferre	yros				21209	MARCH			
Printed	Name					Certificate Number	Date of Surv	/ey		
	ah@ava Address	ntnr.com								

	15	X = 719790' Y = 570113'	<b>)</b>		X = 722442' Y = 570119' 14 
21	22		AZ = 2.22°, 32 SHL	3.6' <u>423'</u> KOP -	- 344'
			NM 033955	= 179.72°, 5174.6'	- → HZ SPACING UNIT
		X = 719803' Y = 567473'	≾	AZ = 179.72	9 X = 722456' Y = 567483'
21	22	X = 719817' Y = 564835'	PP	P#2	X = 722467' Y = 564845' <b>23</b> Q=
28	27		NM 015024	57.0'	26
		X = 719830' Y = 562194'	×	AZ = 179.72°, 3857.0'	X = 722479' Y = 562209'
			LT	P/BHL -	≍330'
28	27	X = 719837' Y = 560873'		1420'	X = 722486' Y = 560889' <b>26</b>
33	34			34	35

### WELL NAME: THAI CURRY 22 27 FED COM #301H ELEVATION: 3532'

LATITUDE = 32.564778°         LATITUDE = 32.565667°           LONGITUDE = -103.746586°         LONGITUDE = -103.746540°           NAD 27 (SHL/KOP)         NAD 27 (STP/PP#1)           LATITUDE = 32.564656°         LATITUDE = 32.565545°           LONGITUDE = -103.746090°         LONGITUDE = -103.746044°	NAD 83 (SHL/KOP) 423' FNL & 344' FEL	NAD 83 (FTP/PPP#1) 100' FNL & 330' FEL
NAD 27 (SHL/KOP)         NAD 27 (FTP/PPP#1)           LATITUDE = 32.564656°         LATITUDE = 32.565545°           LONGITUDE = -103.746090°         LONGITUDE = -103.746044°	ATITUDE = 32.564778°	LATITUDE = 32.565667°
LATITUDE = 32.564656° LONGITUDE = -103.746090° LONGITUDE = -103.746044°	LONGITUDE = -103.746586°	LONGITUDE = -103.746540°
LONGITUDE = -103.746090° LONGITUDE = -103.746044°	AD 27 (SHL/KOP)	NAD 27 (FTP/PPP#1)
	ATITUDE = 32.564656°	LATITUDE = 32.565545°
	LONGITUDE = -103.746090°	
STATE PLANE NAD 83 (N.M. EAST) STATE PLANE NAD 83 (N.M. EAST)	TATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 569695.16' E: 722099.70' N: 570018.52' E: 722112.21'	J: 569695.16' E: 722099.70'	N: 570018.52' E: 722112.21'
STATE PLANE NAD 27 (N.M. EAST) STATE PLANE NAD 27 (N.M. EAST)	TATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 569633.06' E: 680919.26' N: 569956.41' E: 680931.78'	N: 569633.06' E: 680919.26'	N: 569956.41' E: 680931.78'

NAD 83 (PPP#2) 330' FEL	NAD 83 (LTP/BHL) 1420' FSL & 330' FEL
LATITUDE = 32.551444°	LATITUDE = 32.540842°
LONGITUDE = -103.746552°	LONGITUDE = -103.746560°
NAD 27 (PPP#2)	NAD 27 (LTP/BHL)
LATITUDE = 32.551322°	LATITUDE = 32.540720°
LONGITUDE = -103.746056°	LONGITUDE = -103.746065°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 564844.03' E: 722137.12'	N: 560987.09' E: 722155.92'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 564782.05' E: 680956.55'	N: 560925.21' E: 680975.24'

## APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP NM 033955 5174.55' NM 015024 1318.48' S2/N2 & N2/S2 SEC 2538.51' TOTAL 9031.54'



#### NOTES

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).

2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING MARCH, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS EASEMENT IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.

0'	20	00'	4000'	
	SCALE: 1"	= 2,000'		

Submit Electronically OIL CONSERVAT					aral Resources Department			Revised July 9, 2024		
	CD Permitting							Submittal	X Initial Su	
								Туре:		*
									$\Box$ As Drille	d
API Nu	ımhər		Pool Code		WELL LOCA	ATION INFORMATIO				]
API NI	under		Pool Code	53560		Pool Name Salt Lak	e; Bone	Spring		
						RRY 22 27 FED COM			Well Numbe	er #302H
OGRID No. 332947 Operator Name AVANT O						OPERATING II, LLC			Ground Leve	
Surface Owner:  State  Fee  Tribal  Federal						Mineral Owner: 🗆 S	State 🛛 Fee [	🗆 Tribal 🛛	Federal	0002
					0					
UL	Section	Township	Range	Lot	Sur Ft. from N/S	face Location	Latitude	1	ongitude	County
A	22	20 S	32 E		421' FNL		32.564		03.746781°	LEA
						m Hole Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County
Ι	27	20 S	32 E		1420' FSL	1320' FEL	32.5408	841° -1	03.749772°	LEA
	ted Acres 60.00	Infill or Defir	ning Well	Defining	Well API	Overlapping Spacing	Unit (Y/N)	Consolidati	ion Code	
Order	Numbers.						Well setbacks are under Common Ownership: □Yes ⊠No			
UL	Section	Township	Range	Lot	Ft. from N/S	Off Point (KOP) Ft. from E/W	Latitude	1	ongitude	County
A	22	20 S	32 E	Lot	421' FNL		32.564		03.746781°	LEA
						Take Point (FTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County
А	22	20 S	32 E		100' FNL	1320' FEL	32.565	675° -1	03.749753°	LEA
					Last ]	Fake Point (LTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
I	27	20 S	32 E		1420' FSL	1320' FEL	32.5408	841°  -1	03.749772°	LEA
Unitize	ed Area or Ar	ea of Uniform I	nterest	Spacing	Unit Type 🛛 Hor	rizontal 🗆 Vertical	Grou	nd Floor Elev	vation: 3532'	
I hereby my know organiza includin, location interest, entered	<b>OPERATOR CERTIFICATIONS</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.					SURVEYOR CERTIF I hereby certify that the wet surveys made by me or und of my belief.	l location shown			
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. Sarah Ferreyson 4/8/2025					In	- 31 Ma	rch 20	<b>PROFESSIO</b>	MAL SURVEYOR	
Signatu	re	0	Date	;		Signature and Seal of Pro	fessional Surve	yor		
Sara	ah Ferre	yros				21209	MARCH	26, 2025		
Printed	Name					Certificate Number	Date of Surv	/ey		
Sara Email A	h@avar	ntnr.com				-				

				971.3	289.14°
	15	X = 719790' Y = 570113'	FTP/ 10 PPP#1	00' / <b>15</b> 421'	14 X = 722442' Y = 570119'
21	22		(	- 1320'	IL/KOP
			NM 033955		- HZ SPACING UNIT
		X = 719803' Y = 567473'	3	AZ = 179.72°, 5176.2'	9 X = 722456' Y = 567483'
21	22	X = 719817' Y = 564835'	PPP#2	22	X = 722467' Y = 564845' 23
28	27		NM 015024	27 1320' 	26
		X = 719830' Y = 562194'	3	AZ = 179.72°, 3858.9'	X = 722479' Y = 562209'
				< <u>→ 1320'</u> —•	
	27	X = 719837' Y = 560873'	NM 0065750 A 12	<sup>120'</sup> 27	X = 722486' Y = 560889' <b>26</b>
	34			34	35

#### WELL NAME: THAI CURRY 22 27 FED COM #302H ELEVATION: 3532'

NAD 83 (SHL/KOP) 421' FNL & 404' FEL	NAD 83 (FTP/PPP#1) 100' FNL & 1320' FEL
LATITUDE = 32.564786°	LATITUDE = 32.565675°
LONGITUDE = -103.746781°	LONGITUDE = -103.749753°
NAD 27 (SHL/KOP)	NAD 27 (FTP/PPP#1)
LATITUDE = 32.564664°	LATITUDE = 32.565553°
LONGITUDE = -103.746285°	LONGITUDE = -103.749257°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 569697.68' E: 722039.75'	N: 570016.21' E: 721122.21'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 569635.58' E: 680859.32'	N: 569954.10' E: 679941.79'

NAD 83 (PPP#2) 1320' FEL	NAD 83 (LTP/BHL) 1420' FSL & 1320' FEL
LATITUDE = 32.551448°	LATITUDE = 32.540841°
LONGITUDE = -103.749765°	LONGITUDE = -103.749772°
NAD 27 (PPP#2)	NAD 27 (LTP/BHL)
LATITUDE = 32.551326°	LATITUDE = 32.540719°
LONGITUDE = -103.749269°	LONGITUDE = -103.749276°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 564840.11' E: 721147.12'	N: 560981.25' E: 721165.94'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 564778.13' E: 679966.56'	N: 560919.37' E: 679985.27'

# APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP NM 033955 5176.16' NM 015024 1319.42' S2/N2 & N2/S2 2539.49' SEC 27 2539.49' TOTAL 9035.07'



#### <u>NOTES</u>

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).

2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING MARCH, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS EASEMENT IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.

0'	20	400	0'	
	SCALE: 1"	= 2,000'		

	)2 t Electronicall CD Permitting		En			w Mexico ral Resources Department TION DIVISION           Submittal Type:         Initial Submittal           Image: Constraint of the second secon					
					WELL LOCA	ATION INFORMATION	J			u	
API N	umber		Pool Code	53560		Pool Name Salt Lake	; Bone Sp	rina			
Proper	ty Code		Property Na				<u>, Done op</u>		Well Numbe		
OGRII	O No.		Operator Na	ame		RRY 22 27 FED COM			Ground Lev	#303H el Elevation	
	3329		1		AVANT (	DPERATING II, LLC				3532'	
Surface	e Owner: 🗆 S	State 🗆 Fee 🗆	Tribal 🗷 Fee	deral		Mineral Owner: 🗆 S	state 🛛 Fee	🗆 Tribal 🛛	Federal		
		1	-	1		face Location	1				
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 418' FNL	Ft. from E/W 464' FEL	Latitude 32.564		ongitude 03.746975°	County LEA	
		200	02.2			m Hole Location	02.001				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County	
J	27	20 S	32 E		1420' FSL	2310' FEL	32.540	840° -1	03.752985°	LEA	
	ited Acres 60.00	Infill or Defin	ning Well	Defining	Well API	Overlapping Spacing N	Unit (Y/N)	(Y/N) Consolidation Code			
Order	Numbers.					Well setbacks are under Common Ownership: □Yes ⊠No					
					Kick	Off Point (KOP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County	
А	22	20 S	32 E		418' FNL	464' FEL	32.564	794° -1	03.746975°	LEA	
		T 1.	D			Fake Point (FTP)		, T	· 1		
UL B	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 2310' FEL			ongitude 03.752967°	County LEA	
		200	02 L			Take Point (LTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County	
J	27	20 S	32 E		1420' FSL	2310' FEL	32.540	840° -1	03.752985°	LEA	
Unitize	ed Area or Ar	ea of Uniform I	nterest	Spacing	Unit Type 🗷 Hor	izontal 🗆 Vertical	Grou	nd Floor Elev	vation: 3532'		
OPERATOR CERTIFICATIONS         I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.         If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.         Sama Farage Date       Date					SURVEYOR CERTIF I hereby certify that the well surveys made by me or under of my belief: Signature and Seal of Prof 21209	l location shown er my supervisio	n, and that the 1arch yor		PAP MEVCO 1209		
Printed	n Ferreyrc Name	15				Certificate Number	Date of Sur	-			
sarał	n@avantn Address	r.com				-					

		A		279.64° 1874.0'		X = 722442'	
16	15	X = 719790' Y = 570113'	10			Y = 570119' 14	
	22	FTP/PPP#1-	/	SHL	/KOP	23 	
				177.8'	NM 033955	- HZ SPACING UNIT	
		X = 719803' Y = 567473'	3	AZ = 179.72°, 5177.8'		X = 722456' Y = 567483'	
21	22	X = 719817' Y = 564835'			<sup>12</sup> <i>22</i> 310'	X = 722467' Y = 564845' 23	
28	27				27 NM 015024	26	
		X = 719830' Y = 562194'	×	:= 179.72°, 3860.8'		X = 722479' Y = 562209'	
				₹ / LTP/B	HL 310' ————		
28	27	X = 719837' Y = 560873'	14	20'	NM 0065750 A	X = 722486' Y = 560889' <b>26</b>	
33	34			<b>H</b>	34		_

#### WELL NAME: THAI CURRY 22 27 FED COM #303H ELEVATION: 3532'

NAD 83 (SHL/KOP) 418' FNL & 464' FEL	NAD 83 (FTP/PPP#1) 100' FNL & 2310' FEL
LATITUDE = 32.564794°	LATITUDE = 32.565684°
LONGITUDE = -103.746975°	LONGITUDE = -103.752967°
NAD 27 (SHL/KOP)	NAD 27 (FTP/PPP#1)
LATITUDE = 32.564672°	LATITUDE = 32.565563°
LONGITUDE = -103.746479°	LONGITUDE = -103.752470°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 569700.20' E: 721979.80'	N: 570013.89' E: 720132.21'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 569638.10' E: 680799.37'	N: 569951.79' E: 678951.80'

NAD 83 (PPP#2) 2310' FEL	NAD 83 (LTP/BHL) 1420' FSL & 2310' FEL
LATITUDE = 32.551452°	LATITUDE = 32.540840°
LONGITUDE = -103.752977°	LONGITUDE = -103.752985°
NAD 27 (PPP#2)	NAD 27 (LTP/BHL)
LATITUDE = 32.551330°	LATITUDE = 32.540718°
LONGITUDE = -103.752481°	LONGITUDE = -103.752489°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 564836.19' E: 720157.13'	N: 560975.41' E: 720175.95'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 564774.22' E: 678976.57'	N: 560913.53' E: 678995.29'

# APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP NM 033955 5177.76' 1320.36' S2/N2 & N2/S2 2540.47' SEC 27 9038.59'

FOUND MONUMENT
 CALC. CORNER
 CALC. CORNER
 O SHL/ KOP/ FTP / PPP/ LTP / BHL
 WELLBORE
 HORIZONTAL SPACING UNIT
 STATE OIL & GAS LEASE
 BLM OIL & GAS LEASE

#### <u>NOTES</u>

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0'	2	4000'		
	SCALE: 1	"	= 2,000'	

<u>C-1</u>			En				al Resources Department			Revised July 9, 2024		
	t Electronical CD Permitting			OIL	CONSERVA	ATION DIVISION	N		X Initial Su	bmittal		
		0						Submittal Type:	□ Amended	l Report		
								Type.	□ As Drille	d		
					WELL LOCA	ATION INFORMATION						
API N	umber		Pool Code	53560		Pool Name Salt Lak	ke; Bone	Spring				
Proper	ty Code		Property Na			RY 22 27 FED COM			Well Numb	<sup>er</sup> #401H		
OGRII	<sup>D No.</sup> 332	947	Operator N	ame	AVANT C	OPERATING II, LLC			Ground Lev			
		State 🗆 Fee 🗆	] Tribal <b>X</b> Fe	deral		Mineral Owner:	State 🕱 Fee	🗆 Tribal 🛛	Federal	5552		
					Suri	face Location						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	1	Longitude	County		
А	22	20 S	32 E		422' FNL	364' FEL	32.564	781° -′	103.746651°	LEA		
					Bottor	m Hole Location						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
I	27	20 S	32 E		1420' FSL	825' FEL	32.540	842° - ´	103.748166°	LEA		
Dedica	ated Acres	Infill or Defi	ning Well	Defining	g Well API	Overlapping Spacing	Unit (Y/N)	Jnit (Y/N) Consolidation Code				
5	60.00	Infill				No						
Order	Numbers.					Well setbacks are u	inder Commo	n Ownershi	p: □Yes <b>X</b> No	)		
					Kiek (	Off Point (KOP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
A	22	20 S	32 E	Lot	422' FNL	364' FEL	32.564		103.746651°	LEA		
		200	02 2			Take Point (FTP)		-				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	Longitude	County		
А	22	20 S	32 E		100' FNL	825' FEL	32.565671° -1		103.748147°	LEA		
			1		Last T	Fake Point (LTP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	Longitude	County		
Ι	27	20 S	32 E		1420' FSL	825' FEL	32.540	842° -′	103.748166°	LEA		
Unitiz	ed Area or Ar	ea of Uniform I	nterest	Spacing	Unit Type 🛛 Hori	izontal 🗆 Vertical	Grou	nd Floor Ele	vation: 3532'			
OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore					SURVEYOR CERTII I hereby certify that the we surveys made by me or und of my belief.	ell location shown						
entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. Sarah Ferreyros 4/8/2025					In		arch :	2025	21209			
Signatu		U	Date	c		Signature and Seal of Pro						
Sara	ah Ferre	eyros				21209 Certificate Number	MARCH Date of Sur					
						Certificate Number		vey				
	ah@ava Address	ntnr.com										
						1	1					

			AZ = 30	4 79°				
	,   			63.2	X = 722442 Y = 570119			
	15	X = 719790' Y = 570113'	FTP/PPP#1	100'	22' 14			
21	22				<b>23</b> 364'			
					L SHL/KOP			
				- 82	25' 🛏			
			NM 033955	5.4'	HZ S	SPACING UNIT		
				= 179.72°, 5175.4'				
		X = 719803'	9	79.72	X = 72245 Y = 56748			
		Y = 567473'		AZ = 1	1 - 00140			
					X = 722467	7'		
21	22	X = 719817' Y = 564835'	PPP#	$^{2} \setminus 2$	Y = 564845 22 23	5'		
	27			— Ŏ—	27 26			
	~ 1		NM 015024		25' 🗕			
				57.9'				
				= 179.72°, 3857.9'				
	i I	X = 719830' Y = 562194'		179.7	X = 72247			
			3	" S	© Y = 56220	9.		
	1							
		ĸ	LTP/BHI		5' -			
		X = 719837' Y = 560873'	NIM 0005750 A	1420'	X = 72248 Y = 56088	6' 9'		
	27	1 - 500075	NM 0065750 A		27 26			
							+	
33	34			و	34 35			
	1							

#### WELL NAME: THAI CURRY 22 27 FED COM #401H ELEVATION: 3532'

NAD 83 (SHL/KOP) 422' FNL & 364' FEL	NAD 83 (FTP/PPP#1) 100' FNL & 825' FEL
LATITUDE = 32.564781°	LATITUDE = 32.565671°
$LONGITUDE = -103.746651^{\circ}$	LONGITUDE = -103.748147°
NAD 27 (SHL/KOP)	NAD 27 (FTP/PPP#1)
LATITUDE = 32.564659°	LATITUDE = 32.565549°
LONGITUDE = -103.746155°	LONGITUDE = -103.747651°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 569696.00' E: 722079.72'	N: 570017.36' E: 721617.21'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 569633.90' E: 680899.29'	N: 569955.25' E: 680436.79'

NAD 83 (PPP#2) 825' FEL	NAD 83 (LTP/BHL) 1420' FSL & 825' FEL
LATITUDE = 32.551446°	LATITUDE = 32.540842°
LONGITUDE = -103.748158°	LONGITUDE = -103.748166°
NAD 27 (PPP#2)	NAD 27 (LTP/BHL)
LATITUDE = 32.551324°	LATITUDE = 32.540720°
LONGITUDE = -103.747662°	LONGITUDE = -103.747671°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 564842.07' E: 721642.12'	N: 560984.17' E: 721660.93'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 564780.09' E: 680461.56'	N: 560922.29' E: 680480.26'

# APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP NM 033955 5175.36' NM 015024 1318.95' S2/N2 & N2/S2 2539.00' SEC 27 9033.31'



#### <u>NOTES</u>

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).

2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING MARCH, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS EASEMENT IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.

0'	20	00'	4	000'
	SCALE: 1"	= 2,000'		

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C-102State of NewSubmit Electronically Via OCD PermittingEnergy, Minerals & Natur OIL CONSERVATION					ATION DIVISION				Report	
WELL LOCATION INFORMATION						a				
API Number			Pool Code	52560		Pool Name	ke; Bone	Spring		
Property Code	e		Property Na	53560 me				Spring	Well Numbe	er
					THAI CUF	RRY 22 27 FED COM				#402H
OGRID No.	3329	47	Operator Na	ime	AVANT C	OPERATING II, LLC			Ground Lev	el Elevation 3532'
Surface Owne	er: 🗆 St	ate 🗆 Fee 🗆	Tribal 🛛 Fee	deral		Mineral Owner:	State 🕱 Fee	🗆 Tribal 🛛	Federal	
					Sur	face Location				
UL Sect		Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
A 2	22	20 S	32 E		420' FNL	424' FEL	32.564	789° -1	03.746846°	LEA
		<b>T</b> 1:	D			m Hole Location			•. •	
UL Sect J 2	tion 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 1815' FEL	Latitude 32.540		ongitude 03.751378°	County LEA
<u> </u>	-'	200	52 L		1420 1 00	TOTOTEL	02.040		00.701070	LLA
Dedicated Ac	res	Infill or Defin	ning Well	Defining	Well API	Overlapping Spacing	Unit (Y/N)	Consolidati	on Code	
560.00		Infill				No				
Order Numb	Order Numbers.				Well setbacks are u	Well setbacks are under Common Ownership: □Yes ⊠No				
					Kick	Off Point (KOP)				
UL Sect	tion	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County
A 2	22	20 S	32 E		420' FNL	424' FEL	32.564	789° -1	03.746846°	LEA
				·		Fake Point (FTP)				
UL Sect		Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude 32.565		ongitude 03.751360°	County
B 2	22	20 S	32 E		100' FNL	1815' FEL	32.505	-1	03.751300	LEA
UL Sect	tion	Township	Range	Lot	Ft. from N/S	Take Point (LTP) Ft. from E/W	Latitude	L	ongitude	County
	27	20 S	32 E		1420' FSL		32.540		03.751378°	LEA
Unitized Area	a or Area	a of Uniform Iı	nterest	Spacing	Unit Type 🕱 Hor	izontal 🗆 Vertical	Grou	nd Floor Elev	vation: 3532'	
OPERATOR CERTIFICATIONS         I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.         If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.         Sach Ferreyros       4/8/2025         Signature       Date         Sarah Ferreyros       Ferreyros         Printed Name       Email Address					SURVEYOR CERTIF I hereby certify that the we surveys made by me or una of my belief. Signature and Seal of Pro 21209 Certificate Number	ll location shown ler my supervisio	n, and that the	same is true and	PADD MEtro	

	 		AZ = 282 142	2.81° 28.1'		X = 722442' Y = 570119'		
	15	X = 719790' Y = 570113'	100 •	0'	420'	14		 
21	22	FTP/P	PP#1_	с Ш	KOP -	23 - 424'		
					- 1815' <b>-</b>			
				<b>.</b> 0			CING UNIT	
				= 179.72°, 5177.0'	NM 033955			
		X = 719803' Y = 567473'	×	179.72		X = 722456' Y = 567483'		
				AZ =				
						X = 722467'		
21	22	X = 719817' Y = 564835'		/	PP#2 <i>22</i>	Y = 564845' <i>23</i>		
	27			5	1815' ——• <i>2</i> 7	26		 
				6	NM 015024			
				= 179.72°, 3859.				
	   	X = 719830' Y = 562194'		179.72		X = 722479'		
			×	= AZ =	(	Y = 562209'		
	 			<u>_</u>	LTP/BHL			
		X = 719837'	×	<u>۶</u>	1815' — –	X = 722486'		
00	27	Y = 560873'	142	20'	NM 0065750 A	Y = 560889' <i>26</i>		
$       \frac{28}{22}$	27				27 34	35		 
33	34				J4	1		

### WELL NAME: THAI CURRY 22 27 FED COM #402H ELEVATION: 3532'

LATITUDE = 32.564789°	1 A THTUDE . 22 5656000
	LATITUDE = 32.565680°
LONGITUDE = -103.746846°	LONGITUDE = -103.751360°
NAD 27 (SHL/KOP)	NAD 27 (FTP/PPP#1)
LATITUDE = 32.564667°	LATITUDE = 32.565558°
LONGITUDE = -103.746350°	LONGITUDE = -103.750863°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 569698.52' E: 722019.77'	N: 570015.05' E: 720627.21'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 569636.42' E: 680839.34'	N: 569952.95' E: 679446.80'

NAD 83 (PPP#2) 1815' FEL	NAD 83 (LTP/BHL) 1420' FSL & 1815' FEL
LATITUDE = 32.551450°	LATITUDE = 32.540840°
LONGITUDE = -103.751371°	LONGITUDE = -103.751378°
NAD 27 (PPP#2)	NAD 27 (LTP/BHL)
LATITUDE = 32.551328°	LATITUDE = 32.540718°
LONGITUDE = -103.750875°	LONGITUDE = -103.750882°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 564838.15' E: 720652.13'	N: 560978.33' E: 720670.95'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 564776.18' E: 679471.57'	N: 560916.45' E: 679490.29'

# APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP NM 033955 5176.96' 1319.89' S2/N2 & N2/S2 2539.98' SEC 27 2539.98' TOTAL 9036.83'

FOUND MONUMENT
 CALC. CORNER
 O SHL/ KOP/ FTP / PPP/ LTP / BHL
 WELLBORE
 HORIZONTAL SPACING UNIT
 STATE OIL & GAS LEASE
 BLM OIL & GAS LEASE

#### <u>NOTES</u>

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).

2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING MARCH, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS EASEMENT IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.

0	)'	2	000	o <b>'</b>	4000'
		SCALE: 1	"	= 2,000'	

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C-102State of New Energy, Minerals & Natur OIL CONSERVATSubmit Electronically Via OCD PermittingOIL CONSERVAT					ural Resources Department				l Report	
					WELL LOCA	ATION INFORMATION	N			
API Nu	ımber		Pool Code	53560		Pool Name Salt Lak	e; Bone	Spring		
Propert	ty Code		Property Na			RRY 22 27 FED COM		oping	Well Numbe	
OGRIE	) No		Operator Na	ame					Ground Lev	#501H el Elevation
	332				AVANT C	DPERATING II, LLC				3532'
Surface	e Owner: 🗆 S	state 🗆 Fee 🗆	Tribal 🕱 Fee	deral		Mineral Owner: 🗆 S	State 🛛 Fee I	🗆 Tribal 🛛	Federal	
			-	1	1	face Location				~
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 424' FNL	Ft. from E/W 324' FEL	Latitude 32.564		ongitude 03.746521°	County LEA
	22	200	02 L			m Hole Location	02.004		00.140021	
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County
Ι	27	20 S	32 E		1420' FSL	. 330' FEL	32.5408	342° -1	03.746560°	LEA
56	Edicated Acres     Infill or Defining Well     Defining Well API       560.00     Defining			Overlapping Spacing No Well setbacks are u		Consolidation Code				
Oldel	Numbers.					wen setbacks are u		l Ownership	$\Box$ i es $\Delta$ ino	
	1			L _		Off Point (KOP)	1			
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 424' FNL	Ft. from E/W 324' FEL	Latitude 32.564		ongitude 03.746521°	County LEA
~	22	20.5	52 L			Take Point (FTP)	02.001		00.110021	
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County
А	22	20 S	32 E		100' FNL	330' FEL	32.565667° -1		03.746540°	LEA
	1	1		I	Last 7	Take Point (LTP)	1			
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude 32.5408		ongitude 03.746560°	County
1	27	20 S	32 E		1420' FSL	. 330' FEL	52.5400	-1	03.740300	LEA
Unitize	d Area or Are	ea of Uniform I	nterest	Spacing	Unit Type 🛛 Hor	izontal 🗆 Vertical	Grou	nd Floor Elev	vation: 3532'	
I hereby my know organize includin, location interest, entered If this w consent interval Signatu Sara Printed Sara	OPERATOR CERTIFICATIONS         I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.         If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.         Sacah Ferreyros       4/8/2025         Signature       Date         Printed Name       Email Address					SURVEYOR CERTIF I hereby certify that the were surveys made by me or und of my belief. Signature and Seal of Pro 21209 Certificate Number	l location shown er my supervisio - 31 M	arch 2 yor 27, 2025		PAPP MEVCO 1209

16	15	X = 719790' Y = 570113'	FTP/PPP#1	100'	X = 722442' Y = 570119' <b>14</b>		
21	22	AZ	= 358.68°, 324. SHL	3'	330' − − 		
			NM 033955	AZ = 179.72°, 5174.6'	0	ACING UNIT	
		X = 719803' Y = 567473'		AZ = 179.7	X = 722456' Y = 567483'		
21	22	X = 719817' Y = 564835'	PP	P#2 -	X = 722467' Y = 564845' <b>23</b> ©=		 
28	27		NM 015024	57.0'	26		
		X = 719830' Y = 562194'	8	AZ = 179.72°, 3857.0'	X = 722479' Y = 562209'		
			LT	P/BHL	330'		
28	27	X = 719837' Y = 560873'	NM 0065750 A	1420'	X = 722486' Y = 560889' <b>26</b>		 
33	34			34	35 		

### WELL NAME: THAI CURRY 22 27 FED COM #501H ELEVATION: 3532'

NAD 83 (SHL/KOP) 424' FNL & 324' FEL	NAD 83 (FTP/PPP#1) 100' FNL & 330' FEL
LATITUDE = 32.564776°	LATITUDE = 32.565667°
LONGITUDE = -103.746521°	LONGITUDE = -103.746540°
NAD 27 (SHL/KOP)	NAD 27 (FTP/PPP#1)
LATITUDE = 32.564654°	LATITUDE = 32.565545°
LONGITUDE = -103.746025°	LONGITUDE = -103.746044°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 569694.32' E: 722119.68'	N: 570018.52' E: 722112.21'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 569632.22' E: 680939.24'	N: 569956.41' E: 680931.78'

NAD 83 (PPP#2) 330' FEL	NAD 83 (LTP/BHL) 1420' FSL & 330' FEL
LATITUDE = 32.551444°	LATITUDE = 32.540842°
LONGITUDE = -103.746552°	LONGITUDE = -103.746560°
NAD 27 (PPP#2)	NAD 27 (LTP/BHL)
LATITUDE = 32.551322°	LATITUDE = 32.540720°
LONGITUDE = -103.746056°	LONGITUDE = -103.746065°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 564844.03' E: 722137.12'	N: 560987.09' E: 722155.92'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 564782.05' E: 680956.55'	N: 560925.21' E: 680975.24'

## APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP NM 033955 5174.55' NM 015024 1318.48' S2/N2 & N2/S2 SEC 2538.51' TOTAL 9031.54'



#### NOTES

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).

2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING MARCH, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS EASEMENT IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.

0'	20	00'	400	0'
	SCALE: 1"	= 2,000'		

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C-102     State of New Energy, Minerals & Natur       Submit Electronically     OIL CONSERVATION						ural Resources Department				Revised July 9, 2024	
	Electronicall			UIL	CONSERVE	ATION DIVISION			X Initial Su	bmittal	
	c	2					bmittal Amended Report				
								Type:	□ As Drille	d	
					WELL LOCA	ATION INFORMATION	N	1			
API Nı	umber		Pool Code	53560		Pool Name Salt Lak	e; Bone	Spring			
Property Code Property Name THAI CUR				RRY 22 27 FED COM			Well Numbe	er #502H			
OGRII	<sup>O No.</sup> 332	947	Operator Na	ame	AVANT (	OPERATING II, LLC			Ground Lev		
Surface	e Owner: 🗆 S	State 🗆 Fee 🗆	Tribal 🛛 Fe	deral		Mineral Owner:	State 🕱 Fee [	🗆 Tribal 🛚	Federal		
					Sur	face Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County	
А	22	20 S	32 E		422' FNL	384' FEL	32.564	783° -1	03.746716°	LEA	
	· · · · · ·	I	I	<u> </u>	Botto	m Hole Location	1	I		I	
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County	
Ι	27	20 S	32 E		1420' FSL	. 1320' FEL	32.5408	841° -1	03.749772°	LEA	
Dedica	ted Acres	Infill or Defin	ning Well	Defining	Well API	Overlapping Spacing	Unit (Y/N)	Consolidati	ion Code		
56	60.00	Infill				No					
Order	Numbers.					Well setbacks are under Common Ownership: □Yes XNo					
					Kick	Off Point (KOP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County	
А	22	20 S	32 E		422' FNL	384' FEL	32.564	783° -1	03.746716°	LEA	
					   First ]	Fake Point (FTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County	
А	22	20 S	32 E		100' FNL	1320' FEL	32.565675°		03.749753°	LEA	
		l	I	1	Last 7	Take Point (LTP)	1	I		I	
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County	
Ι	27	20 S	32 E		1420' FSL	. 1320' FEL	32.5408	841° -1	03.749772°	LEA	
Unitize	d Area or Ar	ea of Uniform I	nterest	Spacing	Unit Type 🛛 Hor	izontal 🗆 Vertical	Grou	nd Floor Elev	vation: 3532'		
<b>OPERATOR CERTIFICATIONS</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest or unleased mineral interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.					SURVEYOR CERTIF I hereby certify that the wer surveys made by me or und of my belief.	l location shown					
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. Sarah Ferreyson 4/8/2025					Im	- 31 Ma	arch 2	<b>R</b> OFESSI	ONAL SURVEYOR		
Signatu		suger	Date		/8/2025	Signature and Seal of Pro					
Sara	ah Ferre	yros				21209	MARCH	27, 2025			
Printed						Certificate Number	Date of Surv				
sarah@avantnr.com Email Address											

			AZ = 288.8 990	31°	
	15	X = 719790' Y = 570113'	FTP/ PPP#1	0' 422'	14 X = 722442' Y = 570119'
21	22		×(		<b>23</b> - <sup>384'</sup> HL/KOP
				— 1320' —	
			NM 033955	5176.2'	HZ SPACING UNIT
		X = 719803' Y = 567473'	3	AZ = 179.72°, 5176.2	X = 722456' Y = 567483'
21	22	X = 719817' Y = 564835'	PPP#2 -	22	X = 722467' Y = 564845' <b>23</b>
28	27		NM 015024	27 1320' .ō;	26
		X = 719830' Y = 562194'	4	:= 179.72°, 3858.9'	X = 722479' Y = 562209'
	   	L L		Z	
		X = 719837' Y = 560873'	NM 0065750 A 14		X = 722486' Y = 560889'
	27			27	26
33	34			34	<i>35</i> 

### WELL NAME: THAI CURRY 22 27 FED COM #502H ELEVATION: 3532'

LONGITUDE = -103.746716° LO	ATITUDE = 32.565675° DNGITUDE = -103.749753°
NAD 27 (SHL/IZOD)	
NAD 27 (SHL/KUP) NA	AD 27 (FTP/PPP#1)
LATITUDE = 32.564661° LA	ATITUDE = 32.565553°
LONGITUDE = -103.746220° LO	DNGITUDE = -103.749257°
STATE PLANE NAD 83 (N.M. EAST) ST.	ATE PLANE NAD 83 (N.M. EAST)
N: 569696.84' E: 722059.73' N:	570016.21' E: 721122.21'
STATE PLANE NAD 27 (N.M. EAST) ST.	ATE PLANE NAD 27 (N.M. EAST)
N: 569634.74' E: 680879.30' N:	569954.10' E: 679941.79'

NAD 83 (PPP#2) 1320' FEL	NAD 83 (LTP/BHL) 1420' FSL & 1320' FEL
LATITUDE = 32.551448°	LATITUDE = 32.540841°
LONGITUDE = -103.749765°	LONGITUDE = -103.749772°
NAD 27 (PPP#2)	NAD 27 (LTP/BHL)
LATITUDE = 32.551326°	LATITUDE = 32.540719°
LONGITUDE = -103.749269°	LONGITUDE = -103.749276°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 564840.11' E: 721147.12'	N: 560981.25' E: 721165.94'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 564778.13' E: 679966.56'	N: 560919.37' E: 679985.27'

#### 



#### <u>NOTES</u>

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).

2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING MARCH, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS EASEMENT IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.

0'	20	00'	4000'	
	SCALE: 1"	= 2,000'		

C-102State of New Energy, Minerals & Natur OIL CONSERVATSubmit Electronically Via OCD PermittingOIL CONSERVAT					ural Resources Depa		Submittal Type:	X Initial Su	l Report	
					WELL LOC	TION INFORMATION				
API N	umber		Pool Code	52560	I	Dool Nama		0		
Proper	ty Code		Property Na	53560		Salt Lak	ke; Bone	Spring	Well Numbe	۶r
-	-				THAI CUF	RRY 22 27 FED COM	RY 22 27 FED COM #503H			
OGRI	<sup>D No.</sup> 332	947	Operator Na	ame	AVANT (	OPERATING II, LLC			Ground Lev	el Elevation 3532'
		State 🗆 Fee 🗆	Tribal 🛛 Fe	deral		Mineral Owner: 🗆 S	State 🛛 Fee	🗆 Tribal 🛛	Federal	
					Sur	face Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County
А	22	20 S	32 E		419' FNL	444' FEL	32.564	791° -1	03.746910°	LEA
	- I				Botto	m Hole Location				
UL .	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
J	27	20 S	32 E		1420' FSL	2310' FEL	32.540	840° -1	03.752985°	LEA
	ated Acres 60.00	Infill or Defin	ning Well	Defining	Well API	Overlapping Spacing	ing Unit (Y/N) Consolidation Code			
Order	Numbers.					Well setbacks are under Common Ownership:  Yes No				
					Kick	Off Point (KOP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	ongitude	County
А	22	20 S	32 E		419' FNL	444' FEL	32.564	791° -1	03.746910°	LEA
	1	1			First 7	Take Point (FTP)		I		
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
В	22	20 S	32 E		100' FNL		32.565	584° -1	03.752967°	LEA
UL	Section	Township	Range	Lot	Ft. from N/S	Fake Point (LTP)           Ft. from E/W	Latitude	T	ongitude	County
J	27	20 S	32 E	Lot	1420' FSL		32.540		03.752985°	LEA
-		200	02.2							
Unitiz	ed Area or Ar	ea of Uniform I	nterest	Spacing	Unit Type 🛿 Hor	rizontal 🗆 Vertical	Grou	nd Floor Ele	vation: 3532'	
OPERATOR CERTIFICATIONS         I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.         If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.         Sama Ferreyros       4/8/2025         Signature       Date         Printed Name       Date					SURVEYOR CERTIF I hereby certify that the wei surveys made by me or und of my belief. Signature and Seal of Pro 21209 Certificate Number	11 location shown er my supervisio - 31 Mc	n, and that the <u>1rCh 2</u> yor 26, 2025			
sarah@avantnr.com Email Address						-				

<u>16</u> <u>21</u>	15 22	X = 719790' Y = 570113'	100	' [ 1	AZ = 279.56 1893.9' 419'	X = 722442' Y = 570119' 14 23
		FTP/PPP#1	2477 oi		/KOP 2310'	- 444'
		X = 719803' Y = 567473'		AZ = 179.72°, 5177.8		9 X = 722456' Y = 567483'
<u></u> <u>21</u> 	22 27	X = 719817' Y = 564835'	0-0	/- PPP#2	<sup>2</sup> 22 310'	x = 722467' Y = 564845' 23 26
				= 179.72°, 3860.8'	NM 015024	
	       	X = 719830' Y = 562194'		/~ LTP/BI	HL	X = 722479' Y = 562209'
28	27	X = 719837' Y = 560873'	1420		310'	X = 722486' Y = 560889' <b>26</b>
33	34				34	

#### WELL NAME: THAI CURRY 22 27 FED COM #503H ELEVATION: 3532'

LATITUDE = 32.564791°	
2	LATITUDE = 32.565684°
LONGITUDE = -103.746910°	LONGITUDE = -103.752967°
NAD 27 (SHL/KOP)	NAD 27 (FTP/PPP#1)
LATITUDE = 32.564669°	LATITUDE = 32.565563°
$LONGITUDE = -103.746414^{\circ}$	LONGITUDE = -103.752470°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 569699.36' E: 721999.79'	N: 570013.89' E: 720132.21'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 569637.26' E: 680819.36'	N: 569951.79' E: 678951.80'

NAD 83 (PPP#2) 2310' FEL	NAD 83 (LTP/BHL) 1420' FSL & 2310' FEL
LATITUDE = 32.551452°	LATITUDE = 32.540840°
LONGITUDE = -103.752977°	LONGITUDE = -103.752985°
NAD 27 (PPP#2)	NAD 27 (LTP/BHL)
LATITUDE = 32.551330°	LATITUDE = 32.540718°
LONGITUDE = -103.752481°	LONGITUDE = -103.752489°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 564836.19' E: 720157.13'	N: 560975.41' E: 720175.95'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 564774.22' E: 678976.57'	N: 560913.53' E: 678995.29'

#### 

FOUND MONUMENT
 CALC. CORNER
 CALC. CORNER
 O SHL/ KOP/ FTP / PPP/ LTP / BHL
 WELLBORE
 HORIZONTAL SPACING UNIT
 STATE OIL & GAS LEASE
 BLM OIL & GAS LEASE

#### <u>NOTES</u>

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).

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0'	20	00'	4000	,
	SCALE: 1"	= 2,000'		

C-1	02					ew Mexico				Revised July 9, 2024
Submi	t Electronical	lv	En			ural Resources Depa ATION DIVISION				
	CD Permitting			OIL	CONSERVI		l	Submittal	X Initial Su	bmittal
							Type:			
									□ As Drille	d
					WELL LOCA	ATION INFORMATIO	N			
API Number Pool Code 53560					Pool Name Salt Lak	ke; Bone	Spring			
Property Code Property Name THAI CUR					RRY 22 27 FED COM			Well Numbe	er #601H	
OGRI	<sup>D No.</sup> 332	2947	Operator N	ame	AVANT (	OPERATING II, LLC			Ground Lev	el Elevation 3533'
Surfac	e Owner: 🗆 S	State 🗆 Fee 🗆	I Tribal 🕱 Fe	deral		Mineral Owner: 🗆	State 🛛 Fee	🗆 Tribal 🛛	Federal	0000
					Sur	face Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	ongitude	County
А	22	20 S	32 E		573' FNL	351' FEL	32.564	366° -1	03.746609°	LEA
		1			Botto	m Hole Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
I	27	20 S	32 E		1420' FSL	330' FEL	32.540	842°  -1	03.746560°	LEA
Dedica	ated Acres	Infill or Defin	ning Well	Defining	g Well API	Overlapping Spacing	Unit (Y/N)	Consolidat	ion Code	
5	60.00	Infill	-			No				
Order	Numbers.					Well setbacks are under Common Ownership: □Yes ⊠No				
					Kick	Off Point (KOP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County
А	22	20 S	32 E		573' FNL	351' FEL	32.564	366° -1	03.746609°	LEA
-	-			-	First	Take Point (FTP)	•			
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
Α	22	20 S	32 E		100' FNL		32.565667° -1		03.746540°	LEA
		T	Danas			Fake Point (LTP)		T		Gaunta
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude 32.540		ongitude 03.746560°	County
I	27	20 S	32 E		1420' FSL	330' FEL	52.540	-1	03.740300	LEA
Unitiz	ed Area or Ar	ea of Uniform I	nterest	Spacing	Unit Type 🕱 Hor	rizontal 🗆 Vertical	Grou	nd Floor Ele		
									3533'	
		TIFICATIONS e information conto		rue and com	plete to the best of	SURVEYOR CERTIF		on this plat w	as plotted from fit	eld notes of actual
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore					surveys made by me or und of my belief.	er my supervisio	n, and that the	same is true and	PAPP MEVIC	
entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed									21209	
interval will be located or obtained a compulsory pooling order from the division.					IM	- 31 M	larch	2025 5881	DNAL SURVEYO	
Signate		irrigro	Date		1/8/2025	Signature and Seal of Pro				
Sar	ah Ferre	vros				21209	MARCH	27, 2025		
Printed		<u>,,,,,</u>				Certificate Number	Date of Sur			
<u>sara</u>	ah@avai	ntnr.com				-				
man .	Address					1	1			

	15	X = 719790' Y = 570113'	FTP/PPI	100'	x = 722442' y = 570119' 14 9
21	22		AZ = 2.28°, 47 SH	73.6'	<b>9</b> 330'
			NM 033955	= 179.72°, 5174.6'	← HZ SPACING UNIT
		X = 719803' Y = 567473'	4	AZ = 179.72	© X = 722456' Y = 567483'
21	22	X = 719817' Y = 564835'	PP	P#2 -	X = 722467' Y = 564845' <b>23</b> ©= 330'
28	27		NM 015024	27.0'	26
		X = 719830' Y = 562194'	Χ	AZ = 179.72°, 3857.0'	X = 722479' Y = 562209'
			LT	P/BHL –	⊠ = 330'
28	27	X = 719837' Y = 560873'	NM 0065750 A	1420'	X = 722486' Y = 560889' <b>26</b>
	34			34	35

### WELL NAME: THAI CURRY 22 27 FED COM #601H ELEVATION: 3533'

LATITUDE = 32.564366°         LATITUDE = 32.565667°           LONGITUDE = -103.746609°         LONGITUDE = -103.746540°           NAD 27 (SHL/KOP)         NAD 27 (FTP/PPP#1)           LATITUDE = 32.564244°         LONGITUDE = -32.565545°           LONGITUDE = -103.746113°         LONGITUDE = -103.746044°           STATE PLANE NAD 83 (N.M. EAST)         STATE PLANE NAD 83 (N.M. EAST)           N: 569545.30' E: 722093.41'         STATE PLANE NAD 77 (N M FAST)	NAD 83 (SHL/KOP) 573' FNL & 351' FEL	NAD 83 (FTP/PPP#1) 100' FNL & 330' FEL
NAD 27 (SHL/KOP)         NAD 27 (FTP/PPP#1)           LATITUDE = 32.564244°         LATITUDE = 32.56545°           LONGITUDE = -103.746113°         LONGITUDE = -103.746044°           STATE PLANE NAD 83 (N.M. EAST)         N: 569545.30' E: 722093.41'           N: 569545.30' E: 722093.41'         N: 570018.52' E: 722112.21'	LATITUDE = 32.564366°	LATITUDE = 32.565667°
LATITUDE = 32.564244°         LATITUDE = 32.565545°           LONGITUDE = -103.746113°         LONGITUDE = -103.746044°           STATE PLANE NAD 83 (N.M. EAST)         STATE PLANE NAD 83 (N.M. EAST)           N: 569545.30' E: 722093.41'         N: 570018.52' E: 722112.21'	LONGITUDE = -103.746609°	LONGITUDE = -103.746540°
LONGITUDE = -103.746113°         LONGITUDE = -103.746044°           STATE PLANE NAD 83 (N.M. EAST)         STATE PLANE NAD 83 (N.M. EAST)           N: 569545.30' E: 722093.41'         N: 570018.52' E: 722112.21'	NAD 27 (SHL/KOP)	NAD 27 (FTP/PPP#1)
STATE PLANE NAD 83 (N.M. EAST)         STATE PLANE NAD 83 (N.M. EAST)           N: 569545.30' E: 722093.41'         N: 570018.52' E: 722112.21'	LATITUDE = 32.564244°	LATITUDE = 32.565545°
N: 569545.30' E: 722093.41' N: 570018.52' E: 722112.21'	LONGITUDE = -103.746113°	
	STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
STATE PLANE NAD 27 (N M FAST) STATE PLANE NAD 27 (N M FAST)	N: 569545.30' E: 722093.41'	N: 570018.52' E: 722112.21'
STATE TEATE TAD 27 (1.01, EAST)	STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 569483.20' E: 680912.97' N: 569956.41' E: 680931.78'	N: 569483.20' E: 680912.97'	N: 569956.41' E: 680931.78'

NAD 83 (PPP#2) 330' FEL	NAD 83 (LTP/BHL) 1420' FSL & 330' FEL
LATITUDE = 32.551444°	LATITUDE = 32.540842°
LONGITUDE = -103.746552°	LONGITUDE = -103.746560°
NAD 27 (PPP#2)	NAD 27 (LTP/BHL)
LATITUDE = 32.551322°	LATITUDE = 32.540720°
LONGITUDE = -103.746056°	LONGITUDE = -103.746065°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 564844.03' E: 722137.12'	N: 560987.09' E: 722155.92'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 564782.05' E: 680956.55'	N: 560925.21' E: 680975.24'

## APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP NM 033955 5174.55' NM 015024 1318.48' S2/N2 & N2/S2 SEC 2538.51' TOTAL 9031.54'



#### NOTES

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).

2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING MARCH, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS EASEMENT IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.

0'		20	00'	4000'
	SCALE:	1"	= 2,000'	

	2 Electronicall D Permitting		En			w Mexico ral Resources Department ATION DIVISION           Submittal Type:         Initial Submittal           Amended Report         As Drilled				l Report
					WELL LOCA	TION INFORMATIO	N			u
API Num	nber		Pool Code	53560	,	Pool Name Salt Lak	e; Bone	Spring		
Property	Code		Property Na					oping	Well Numbe	
OGRID No.     Operator Name     AVANT OPERATING II, LLC     Ground Level					#602H el Elevation					
			1		AVANT C	DPERATING II, LLC				3532'
Surface (	Owner: 🗆 S	tate 🗆 Fee 🗆	Tribal 🛛 Fe	deral		Mineral Owner:	State 🛛 Fee	🗆 Tribal 🗙	Federal	
			-		Sur	face Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
A	22	20 S	32 E		570' FNL	431' FEL	32.564	377° -1	03.746869°	LEA
UL	Section	Township	Range	Lot	Botton Ft. from N/S	m Hole Location	Latitude	T	ongitude	County
	27	20 S	32 E	Lot	1420' FSL		32.540		03.749772°	LEA
Dedicate 560	d Acres	Infill or Defir	ning Well	Defining	; Well API	Overlapping Spacing	Unit (Y/N)	Consolidation Code		
Order N	Order Numbers.					Well setbacks are under Common Ownership: □Yes ⊠No				
UL	Section	Township	Range	Lot	Ft. from N/S	Off Point (KOP) Ft. from E/W	Latitude	1	ongitude	County
A	22	20 S	32 E	Lot	570' FNL	431' FEL	32.564		03.746869°	LEA
					 First 7	Take Point (FTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County
А	22	20 S	32 E		100' FNL	1320' FEL	32.565675° -10		03.749753°	LEA
				1	1	ake Point (LTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
I	27	20 S	32 E		1420' FSL	1320' FEL	32.540	041 -1	03.749772°	LEA
Unitized	Area or Are	ea of Uniform I	nterest	Spacing	Unit Type 🛿 Hor	izontal 🗆 Vertical	Grou	nd Floor Ele	vation: 3532'	
OPERATOR CERTIFICATIONS         I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.         If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.         Sarah Ferreyros       4/8/2025         Signature       Date         Printed Name       Email Address						SURVEYOR CERTIF I hereby certify that the we surveys made by me or und of my belief. Signature and Seal of Pro 21209 Certificate Number	ll location shown ler my supervisio 31 M	n, and that the 1arch tyor 27, 2025		

			AZ = 297.6 1006		
	15	X = 719790' Y = 570113'	FTP/ 10 PPP#1		14 Y = 722442' Y = 570119'
21	22			- 1320'	<b>23</b> 431' IL/KOP
			NM 033955	2°, 5176.2'	HZ SPACING UNIT
		X = 719803' Y = 567473'		AZ = 179.72°, 5176.2	X = 722456' Y = 567483'
21	22	X = 719817' Y = 564835'	PPP#2 -	22	X = 722467' Y = 564845' 23
28	27		NM 015024	27 	26
		X = 719830' Y = 562194'	⊠	AZ = 179.72°, 3858.9'	X = 722479' Y = 562209'
				≺ )— 1320' — <b>-</b>	⊠
28	27	X = 719837' Y = 560873'	NM 0065750 A 14	<sup>20'</sup> 27	X = 722486' Y = 560889' <b>26</b>
	34			34	35

### WELL NAME: THAI CURRY 22 27 FED COM #602H ELEVATION: 3532'

NAD 83 (SHL/KOP) 570' FNL & 431' FEL	NAD 83 (FTP/PPP#1) 100' FNL & 1320' FEL
LATITUDE = 32.564377°	LATITUDE = 32.565675°
LONGITUDE = -103.746869°	LONGITUDE = -103.749753°
NAD 27 (SHL/KOP)	NAD 27 (FTP/PPP#1)
LATITUDE = 32.564255°	LATITUDE = 32.565553°
LONGITUDE = -103.746373°	LONGITUDE = -103.749257°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 569548.65' E: 722013.48'	N: 570016.21' E: 721122.21'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 569486.55' E: 680833.04'	N: 569954.10' E: 679941.79'

NAD 83 (PPP#2) 1320' FEL	NAD 83 (LTP/BHL) 1420' FSL & 1320' FEL
LATITUDE = 32.551448°	LATITUDE = 32.540841°
LONGITUDE = -103.749765°	LONGITUDE = -103.749772°
NAD 27 (PPP#2)	NAD 27 (LTP/BHL)
LATITUDE = 32.551326°	LATITUDE = 32.540719°
LONGITUDE = -103.749269°	LONGITUDE = -103.749276°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 564840.11' E: 721147.12'	N: 560981.25' E: 721165.94'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 564778.13' E: 679966.56'	N: 560919.37' E: 679985.27'

# APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP NM 033955 5176.16' 1319.42' S2/N2 & N2/S2 2539.49' SEC 27 9035.07'

FOUND MONUMENT
 CALC. CORNER
 O SHL/ KOP/ FTP / PPP/ LTP / BHL
 WELLBORE
 HORIZONTAL SPACING UNIT
 STATE OIL & GAS LEASE
 BLM OIL & GAS LEASE

#### <u>NOTES</u>

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2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING MARCH, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS EASEMENT IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.

0'	20	00'	400	0'
	SCALE: 1"	= 2,000'		

						aral Resources Department				Revised July 9, 2024
	t Electronical CD Permitting			OIL	CONSERVA	ATION DIVISION				bmittal
v la O	CDTCHIItting	5				Submittal				
						Type: Anended Report				
WELL LOCA						ATION INFORMATION	N	•		
API N	umber		Pool Code	53560	)	Pool Name Salt Lak	e; Bone	Spring		
-	rty Code		Property Na	ame	THAI CUF	Well Number				er #603H
OGRI	<sup>D No.</sup> 332	947	Operator N	ame	AVANT (	OPERATING II, LLC			Ground Lev	el Elevation 3532'
		State 🗆 Fee 🗆	] Tribal 🛛 Fe	deral		Mineral Owner: 🗆 S	State 🛛 Fee	🗆 Tribal 🛛	Federal	
					Sur	face Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	ongitude	County
А	22	20 S	32 E		566' FNL	511' FEL	32.564	387° -1	03.747128°	LEA
		1	1	I	Botto	m Hole Location	1			<u> </u>
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
J	27	20 S	32 E		1420' FSL	2310' FEL	32.540	840° -1	03.752985°	LEA
Dedica	ated Acres	Infill or Defin	ning Well	Defining	g Well API	Overlapping Spacing	Unit (Y/N)	Consolidat	ion Code	
5	60.00	Infill				No	10			
Order	Numbers.					Well setbacks are un	nder Commo	n Ownershij	p: □Yes <b>X</b> INo	
					Kick	Off Point (KOP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	ongitude	County
А	22	20 S	32 E		566' FNL	511' FEL	32.564	387° -1	03.747128°	LEA
					First	<b>Fake Point (FTP)</b>				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
В	22	20 S	32 E		100' FNL		32.565684° -10		03.752967°	LEA
UL	Section	Township	Range	Lot	Last 7 Ft. from N/S	Ft. from E/W	Latitude	T	ongitude	County
J	27	20 S	32 E	Lot	1420' FSL		32.540		03.752985°	LEA
0	21	203	52 L		1420 F3L	2310 FEL				LEA
Unitiz	ed Area or Ar	ea of Uniform I	nterest	Spacing	Unit Type 🛛 Hor	rizontal 🗆 Vertical	Grou	nd Floor Ele	vation: 3532'	
I hereb my kno organiz includit location interest enterea	y certify that the wledge and beli ation either ow ng the proposed n pursuant to a t, or to a volunta by the division.	ef, and, if the well ns a working inter- bottom hole locat contract with an o ury pooling agreen	ained herein is t is a vertical or est or unleased ion or has a rig wner of a worki nent or a compu	directional w mineral inter ht to drill this ng interest or lsory pooling	rest in the land s well at this r unleased mineral g order heretofore	SURVEYOR CERTIF I hereby certify that the wel surveys made by me or undo of my belief.	l location shown			
consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. Sarah Ferreyros 4/8/2025					Im	- 31 M	larch :	2025 <sup>E8</sup> 510	ONAL SURVEYOR	
Signat		0	Date	e		Signature and Seal of Pro	fessional Surve	eyor		
Sar	ah Ferre	eyros				21209	MARCH			
Printec	l Name					Certificate Number	Date of Sur	vey		
	ah@ava Address	ntnr.com				-				
	15	A: X = 719790' Y = 570113'		284.38° 1859.6' 0'		X = 722442' Y = 570119' 14				
------------------------------	----------	----------------------------------	-----	--------------------------	-------------------------	---	---			
21	22	FTP/PPP#1-		SHL/K	OP	<i>23</i> — 511'				
		ک X = 719803'	3	= 179.72°, 5177.8'	NM 033955	HZ SPACING UNIT     X = 722456'     X = 722456'				
		Y = 567473'		AZ = 11		Y = 567483' X = 722467'				
	22 27	X = 719817' Y = 564835'	)-C	PPP#	<sup>2</sup> 22 310'	23 26				
				= 179.72°, 3860.8'	NM 015024					
		X = 719830' Y = 562194'	×	621 = ZZ LTP/B		X = 722479' Y = 562209'				
28	27	X = 719837' Y = 560873'	142	22	310'	× = 722486' Y = 560889' <b>26</b>				
$\left \frac{20}{33}\right $	34				34	35	-			

#### WELL NAME: THAI CURRY 22 27 FED COM #603H ELEVATION: 3532'

NAD 83 (SHL/KOP) 566' FNL & 511' FEL	NAD 83 (FTP/PPP#1) 100' FNL & 2310' FEL
LATITUDE = 32.564387°	LATITUDE = 32.565684°
LONGITUDE = -103.747128°	LONGITUDE = -103.752967°
NAD 27 (SHL/KOP)	NAD 27 (FTP/PPP#1)
LATITUDE = 32.564265°	LATITUDE = 32.565563°
LONGITUDE = -103.746632°	$LONGITUDE = -103.752470^{\circ}$
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 569552.01' E: 721933.55'	N: 570013.89' E: 720132.21'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 569489.91' E: 680753.11'	N: 569951.79' E: 678951.80'

NAD 83 (PPP#2) 2310' FEL	NAD 83 (LTP/BHL) 1420' FSL & 2310' FEL
LATITUDE = 32.551452°	LATITUDE = 32.540840°
LONGITUDE = -103.752977°	LONGITUDE = -103.752985°
NAD 27 (PPP#2)	NAD 27 (LTP/BHL)
LATITUDE = 32.551330°	LATITUDE = 32.540718°
LONGITUDE = -103.752481°	LONGITUDE = -103.752489°
STATE PLANE NAD 83 (N.M. EAST)	STATE PLANE NAD 83 (N.M. EAST)
N: 564836.19' E: 720157.13'	N: 560975.41' E: 720175.95'
STATE PLANE NAD 27 (N.M. EAST)	STATE PLANE NAD 27 (N.M. EAST)
N: 564774.22' E: 678976.57'	N: 560913.53' E: 678995.29'

# APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP NM 033955 5177.76' 1320.36' S2/N2 & N2/S2 2540.47' SEC 27 2540.47' TOTAL 9038.59'

FOUND MONUMENT
 CALC. CORNER
 CALC. CORNER
 O SHL/ KOP/ FTP / PPP/ LTP / BHL
 WELLBORE
 HORIZONTAL SPACING UNIT
 STATE OIL & GAS LEASE
 BLM OIL & GAS LEASE

# <u>NOTES</u>

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).

2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING MARCH, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS EASEMENT IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.

3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.

0'	20	400	0'	
	SCALE: 1"	= 2,000'		

AOII, LLC Case No. 25348 and 25347 Exhibit A-3



Lease Tract Map: E2 of Section 22 & NE, N2SE of Section 27, Township 20 South, Range 32 East, N.M.P.M, Lea County, New Mexico



Tract No.	State/Fed/Fee	Lease	Acres
1	Fed	NMNM 033955	320.00
2	Fed	NMNM 015024	80.00
3	Fee	Various	80.00
4	Fee	Various	80.00

Total State, Fed and Fee Acreage: 560.00



# Lease Tract Map - Bone Spring Thai Curry 22 27 Fed Com

#301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H

AOII, LLC Case No. 25348 Exhibit A-3



# AOII owns an interest or has committed parties in majority of tracts in the Thai Curry Unit





Tracts in which AOII owns an interest and has non-op WI Owners under JOA



Tract No.	State/Fed/Fee	Lease	Acres
1	Fed	NMNM 033955	320.00
2	Fed	NMNM 015024	80.00
3	Fee	Various	80.00
4	Fee	Various	80.00
-		15 4	

Total State, Fed and Fee Acreage: 560.00



AVANT OPERATING, LLC 4

# Lease Tract Map with locations

Thai Curry 22 27 Fed Com - Bone Spring #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H AOII, LLC Case No. 25348 Exhibit A-3



# Tract Map with approx. well locations in non-standard unit with Pool name and code.



Thai Curry Fed Com #503H

53560 / Salt Lake;

Bone Spring





Received by OCD: 7/9/2025 8:12:05 AM **NSSU** Notice #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H Exhibit A-3 #701H-#702H, #721H-#723H, #801H-#803H





Page 41 of 147

# Notice Sent to Offset Operators and Lessees of Record:



Lands	Notice Name	Last known Address
15-T20S-R32E	ConocoPhillips	Attention: Land Department 600 W. Illinois Ave Midland, TX 79701
14-T20S-R32E	EOG Resources, LLC	Attention: Land Department 5509 Champions Drive Midland, TX 79706
23-T20S-R32E	Fasken Land & Minerals Ltd	Attention: Land Department 6101 Holiday Hill Road Midland, Texas 79707
26-T20S-R32E	Coterra Energy	Attention Land Department 6001 Deauville Blvd, Suite #300N Midland, TX 79706
27-T20S-R32E	XTO Delaware Basin LLC	Attention: Land Department 22777 Springwoods Village Spring, TX 77389-1425
28-T20S-R32E	Exxon	Attention: Land Department 22777 Springwoods Village Spring, TX 77389-1425
21-T20S-R32E	Exxon	Attention: Land Department 22777 Springwoods Village Spring, TX 77389-1425
16-T20S-R32E	Fasken Land & Minerals Ltd	Attention: Land Department 6101 Holiday Hill Road Midland, Texas 79707



 Summary of Interests - Bone Spring
 AOII, LLC

 Thai Curry 22 27 Fed Com
 Case No. 25348 and 25347

 #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H
 Exhibit A-4



Page 42 of 147

# AOII owns 40% of working interest in unit and an additional 29% committed to the unit

Summary of Working Interest Owners to be Pooled:



AOII = 39.99% WI

Committed Parties = 29.33% WI

AOII & Committed Parties = 69.32% WI

Tract No.	State/Fed/Fee	Lease	Acres
1	Fed	NMNM 033955	320.00
2	Fed	NMNM 015024	80.00
3	Fee	Various	80.00
4	Fee	Various	80.00
т	stal Ctata Fad a	nd Fee Assesses	ECO 00

Total State, Fed and Fee Acreage:

560.00



Summary of Interests - Bone Spring Thai Curry 22 27 Fed Com #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H

# AOII owns 40% of working interest in unit and an additional 29% committed to the unit

AOII, LLC

Exhibit A-4

Case No. 25348

					Status	
UNIT BREAKOUT BY OWNER	Owner	NMA	Unit WI	Tract #	Status	
	Туре					Highlighted =
AO II PERMIAN, LLC	WI	223.92	39.99%	1, 3, 4	OPERATOR	Parties to be Pooled
Civitas Permian Operating	WI	<mark>80.00</mark>	<mark>14.29%</mark>	2	Uncommitted - Compulsory Pool	
Chief Capital (O&G) II LLC	WI	75.73	13.52%	1, 3, 4	JOA - Committed	AOII = 39.99% WI
MRC Permian Company	WI	<mark>38.67</mark>	<mark>6.90%</mark>	<mark>3</mark>	Uncommitted - Compulsory Pool	
Paloma Permian Asset Co,						Committed Parties = 29.33% W
LLC	WI	26.67	4.76%	3, 4	JOA - Committed	
					Uncommitted - Compulsory Pool	
Earthstone Permian LLC	WI	<mark>25.94</mark>	<mark>4.63%</mark>	1	Negotiating JOA	
Trainer Partners LTD.	WI	<mark>25.94</mark>	<mark>4.63%</mark>	1	Uncommitted - Compulsory Pool	
WR Non-Op LLC	WI	24.58	4.39%	1, 3, 4	JOA - Committed	
SITL Energy, LLC	WI	10.66	1.90%	1	JOA - Committed	Tract 1
Southpaw Land & Timber, LLC	WI	8.00	1.43%	3, 4	JOA - Committed	
					Leased Prospector, LLC	22
WR Non-Op LLC	WI	6.67	1.19%	3	WR Non-Op, LLC under JOA	$\top$
BEXP II Omega Misc., LLC	WI	6.12	1.09%	1	JOA - Committed	
BEXP II Alpha LLC	WI	4.55	0.81%	1	JOA - Committed	
Diaga Mineral Group, LLC	WI	1.28	0.23%	1	JOA - Committed	
Andrew H. Jackson	WI	<mark>1.28</mark>	<mark>0.23%</mark>	1	Uncommitted - Compulsory Pool **	
		560.00	100.00%			Tract 2
	<u>63.</u>	<u>36% </u> =	Working	Interest	Control	Tract 3

MRC = 6.9% WI

\* AO II PERMIAN, LLC, acting through its operating affiliate Avant Operating II, LLC

\*\* Supports Development, Received signed elections to participate

Page 43 of 147



AVANT OPERATING, LLC

10

 Summary of Interests - Bone Spring
 AOII, LLC

 Thai Curry 22 27 Fed Com
 Case No. 25348

 #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H Exhibit A-4

# Summary of Overriding Royalty Interest Owners to be Pooled:

ORRI Owners to Pool	Tract No.
Marie I. Baetz, Trustee of the Marie I. Baetz Family 2012 Trust	1
Barbara Shelby Baetz Shipper a/k/a Barbara B. Shipper	1
CSC3 Holdings, Ltd.	1
Fasken Land and Minerals, LTD	1
Earthstone Permian LLC	1
R.K. Moore	1
Earthstone Permian LLC	1
Richard H. Schulze	1
John R. Lewis	1
The heir(s) or devisee(s) of David C. Stephenson, appearing to be Richard T. Stephenson	1
Blue Star Royalty, LLC	1
TD Minerals, LLC	1
David Charles Lougee, Kipp Lougee Frederiksen and Fred Frederiksen, Trustees of the Lougee Oil & Gas Trust	1
Earthstone Permian LLC	1
Trobaugh Properties, A Texas GP	1
Ventura Oil & Gas, LLC	1
PBC Resources, LLC	1





**I**AVANT

Released to Imaging: 7/9/2025 8:12:54 AM

 Summary of Interests - Bone Spring
 AOII, LLC

 Thai Curry 22 27 Fed Com
 Case No. 25348

 #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H Exhibit A-4



# Summary of other Interest Owners to be Pooled:

Mineral Interest Owners to Pool	Tract No.
Saxum Asset Holdings, LP	3, 4
Featherstone Development Corporation	3, 4
Prospector, LLC	3
Big Three Energy Group, LLC	3, 4
MRC Permian Company	3, 4
Sitio Permian, LLC	3, 4
Post Oak Crown Minerals	3, 4
Sortida Resources, LLC	3, 4
Oak Valley Mineral and Land, LP	3, 4

Royalty Interest Owners to Pool	Tract No.
Saxum Asset Holdings, LP	3, 4
Featherstone Development Corporation	3, 4
Prospector, LLC	3
Big Three Energy Group, LLC	3, 4
MRC Permian Company	3, 4
Sitio Permian, LLC	3, 4
Post Oak Crown Minerals	3, 4
Sortida Resources, LLC	3, 4
Oak Valley Mineral and Land, LP	3, 4

NPRI Owners to Pool	Tract No.
Panhandle Properties, LLC	3, 4
Wilbur Herring and Dell Herring a/k/a Dell Louise Herring, as Trustees for the Herring 1990 Trust Restated 2011	3, 4







March 25, 2025

Sent via overnight mail delivery

**BEXP II ALPHA, LLC** 5914 West Courtyard Drive, Suite 200 Austin, Texas 78730 Attention: Land Department

RE: Thai Curry 22-27 Fed Com #301H-#303H, #401H-#402H #501H-#503H, #601H-#603H, #701H-#702H, #721H-#723H, and #801H-#803H E2 of Section 22 and NE, N2SE of Section 27, Township 20 South, Range 32 East Lea County, New Mexico

Ladies and Gentlemen:

Avant Operating II, LLC ("Avant") hereby proposes to drill and complete the Thai Curry 22-27 Fed Com #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H, #701H-#702H, #721H-#723H, and #801H-#803H wells in Sections 22 and 27, Township 20 South, Range 32 East, Lea County, New Mexico, to test the Bone Spring and Wolfcamp Formations. Please note, Avant is finalizing reports and preliminary title shows you *may* have an interest in the referenced lands.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping of each well and CTB is itemized on the enclosed Authority for Expenditure ("AFE") dated February 12 and February 27, 2025.
- Thai Curry 22-27 Fed Com #301H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 360' FNL, 600' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 330' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 8,800' TVD and will be drilled horizontally to a Measured Depth of approximately 17,823'.
- Thai Curry 22-27 Fed Com #302H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 360' FNL, 660' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 1,320' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 8,800' TVD and will be drilled horizontally to a Measured Depth of approximately 17,823'.
- Thai Curry 22-27 Com #303H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 360' FNL, 700' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 2,310' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 8,800' TVD and will be drilled horizontally to a Measured Depth of approximately 17,823'.

Avant Natural Resources, LLC | 1515 Wynkoop Street, Suite #700 | Land Department | Denver, CO 80202

Avant Operating II, LLC Case No. 25348 Exhibit A-5



- Thai Curry 22-27 Fed Com #401H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 360' FNL, 620' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 825' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 9,000' TVD and will be drilled horizontally to a Measured Depth of approximately 18,023'.
- Thai Curry 22-27 Fed Com #402H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 360' FNL, 680' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 1,815' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 9,000' TVD and will be drilled horizontally to a Measured Depth of approximately 18,023'.
- Thai Curry 22-27 Fed Com #501H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 360' FNL, 580' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 330' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 9,600' TVD and will be drilled horizontally to a Measured Depth of approximately 18,623'.
- Thai Curry 22-27 Fed Com #502H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 360' FNL, 640' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 1,320' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 9,600' TVD and will be drilled horizontally to a Measured Depth of approximately 18,623'.
- Thai Curry 22-27 Fed Com #503H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 360' FNL, 720' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 2,310' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 9,600' TVD and will be drilled horizontally to a Measured Depth of approximately 18,623'.
- Thai Curry 22-27 Fed Com #601H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 510' FNL, 600' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 330' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 10,600' TVD and will be drilled horizontally to a Measured Depth of approximately 19,623'.
- Thai Curry 22-27 Fed Com #602H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 510' FNL, 680' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 825' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 10,600' TVD and will be drilled horizontally to a Measured Depth of approximately 19,623'.



- **Thai Curry 22-27 Fed Com #603H**: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 510' FNL, 720' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 2,310' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 10,600' TVD and will be drilled horizontally to a Measured Depth of approximately 19,623'.
- Thai Curry 22-27 Fed Com #701H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 510' FNL, 620' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 825' FEL. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 10,700' TVD and will be drilled horizontally to a Measured Depth of approximately 19,723'.
- Thai Curry 22-27 Fed Com #702H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 510' FNL, 700' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 1,815' FEL. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 10,700' TVD and will be drilled horizontally to a Measured Depth of approximately 19,723'.
- Thai Curry 22-27 Fed Com #721H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 510' FNL, 580' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 330' FEL. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 11,200' TVD and will be drilled horizontally to a Measured Depth of approximately 20,223'.
- Thai Curry 22-27 Fed Com #722H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 510' FNL, 660' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 1,320' FEL. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 11,200' TVD and will be drilled horizontally to a Measured Depth of approximately 20,223'.
- Thai Curry 22-27 Fed Com #723H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 510' FNL, 740' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 2,310' FEL. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 11,200' TVD and will be drilled horizontally to a Measured Depth of approximately 20,223'.
- Thai Curry 22-27 Fed Com #801H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 510' FNL, 560' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 330' FEL. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 11,600' TVD and will be drilled horizontally to a Measured Depth of approximately 20,623'.



- Thai Curry 22-27 Fed Com #802H: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 510' FNL, 640' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 1,320' FEL. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 11,600' TVD and will be drilled horizontally to a Measured Depth of approximately 20,623'.
- **Thai Curry 22-27 Fed Com #803H**: to be drilled from a legal location with a proposed surface hole location of Section 22 of T20S-R32E at 510' FNL, 760' FEL and a proposed last take point and bottom hole location of Section 27 of T20S-R32E at 1,420' FSL and 2,310' FEL. The Well will have a targeted interval within the Wolfcamp formation at a depth of approximately 11,600' TVD and will be drilled horizontally to a Measured Depth of approximately 20,623'.

Avant reserves the right to modify the locations and drilling plans described above to address topography, cultural or environmental concerns, among other reasons.

Avant is proposing to drill the proposed wells under the terms of a modified 1989 AAPL form of Operating Agreement ("JOA") with the below general provisions, which will be provided at a later date.

- 100%/300%/300% non-consent penalty
- \$10,000/\$1000 drilling and producing monthly overhead rates
- Contract Area of E2 of Section 22-T20S-R32E and NE, N2SE of Section 27-T20S-R32E
- Avant Operating II , LLC named as Operator
- This proposed Operating Agreement will supersede any and all existing Operating Agreements as to all depths on all horizontal wells drilled after the effective date of the JOA.

If your election is to participate in the drilling and completion of the wells, please sign and return a copy of the enclosed AFEs within thirty (30) days of receipt of this notice. Please be aware that the enclosed AFEs are only an estimate of costs to be incurred and by electing to participate in the wells, each working interest owner shall be responsible for its proportionate share of all costs incurred.

If you would like to discuss a farmout, an assignment of interest, an acreage trade or other form of agreement for your interests in the Subject Lands, please contact the undersigned. If we do not reach an agreement within thirty (30) days of receipt of these well proposals, Avant will file an application(s) with the New Mexico Oil Conservation Division to compulsory pool your interest into a spacing unit(s) for the proposed wells to promote the development of these lands.

Should you have any questions, please feel free to contact me at tiffany@avantnr.com or 720-746-5048.

Sincerely,

garantinok

Tiffany Sarantinos Senior Landman Enclosures

Avant Natural Resources, LLC | 1515 Wynkoop Street, Suite #700 | Land Department | Denver, CO 80202

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# BEXP II ALPHA, LLC hereby elects to:

	of the costs detailed in the enclosed AFE associated ai Curry 22-27 Fed Com #301H well. 2-27 Fed Com #301H well.
with Avant Operating Company's <b>Th</b>	of the costs detailed in the enclosed AFE associated ai Curry 22-27 Fed Com #302H well. ed Com 22-27 Fed Com #302H well.
	of the costs detailed in the enclosed AFE associated <b>ai Curry 22-27 Fed Com #303H</b> well. <b>7 Fed Com #303H</b> well.
Participate for its proportionate share with Avant Operating <b>Thai Curry 22</b> Not to participate in the <b>Thai Curry 2</b>	
	of the costs detailed in the enclosed AFE associated <b>ai Curry 22-27 Fed Com #402H</b> well. <b>2-27 Fed Com #402H</b> well.
	of the costs detailed in the enclosed AFE associated ai Curry 22-27 Fed Com #501H well. 2-27 Fed Com #501H well.
	of the costs detailed in the enclosed AFE associated ai Curry 22-27 Fed Com #502H well. 2-27 Fed Com #502H well.
	of the costs detailed in the enclosed AFE associated ai Curry 22-27 Fed Com #503H well. 2-27 Fed Com #503H well.
	of the costs detailed in the enclosed AFE associated ai Curry 22-27 Fed Com #601H well. 2-27 Fed Com #601H well.
	of the costs detailed in the enclosed AFE associated ai Curry 22-27 Fed Com #602H well. 2-27 Fed Com #602H well.
	of the costs detailed in the enclosed AFE associated ai Curry 22-27 Fed Com #603H well. 2-27 Fed Com #603H well.

Avant Natural Resources, LLC | 1515 Wynkoop Street, Suite #700 | Land Department | Denver, CO 80202

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Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating Company's <b>Thai Curry 22-27 Fed Com #701H</b> well. Not to participate in the <b>Thai Curry 22-27 Fed Com #701H</b> well.
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating Company's <b>Thai Curry 22-27 Fed Com #702H</b> well.
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating Company's <b>Thai Curry 22-27 Fed Com #721H</b> well. Not to participate in the <b>Thai Curry 22-27 Fed Com #721H</b> well.
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating Company's <b>Thai Curry 22-27 Fed Com #722H</b> well. Not to participate in the <b>Thai Curry 22-27 Fed Com #722H</b> well.
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating Company's <b>Thai Curry 22-27 Fed Com #723H</b> well. Not to participate in the <b>Thai Curry 22-27 Fed Com #723H</b> well.
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating Company's <b>Thai Curry 22-27 Fed Com #801H</b> well.
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating Company's <b>Thai Curry 22-27 Fed Com #802H</b> well. Not to participate in the <b>Thai Curry 22-27 Fed Com #802H</b> well.
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating Company's <b>Thai Curry 22-27 Fed Com #802H</b> well. Not to participate in the <b>Thai Curry 22-27 Fed Com #802H</b> well.
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating Company's Thai Curry 22-27 Fed Com #803H well. Not to participate in the Thai Curry 22-27 Fed Com #803H well.

# **BEXP II ALPHA, LLC**

Ву:	 	
Printed Name: _	 	
Title:	 	

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

Avant Natural Resources, LLC | 1515 Wynkoop Street, Suite #700 | Land Department | Denver, CO 80202



AFE: NM1065

Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #301H Target: 1BS County: Lea State: NM SHL: S22-T20S-R32E 360' FNL, 600' FEL BHL: S27-T20S-R32E 1420' FSL, 330' FEL Projected MD/TVD: 17823/8800 Spud to TD: 12.3 Lateral Length: 8700 Stages: 56 Total Proppant (ppf): 2500 Total Fluid (gal/ft): 3000

## PROJECT DESCRIPTION:

The proposed AFE is for the Thai Curry 22 27 Fed Com #301H, a 1.75 section Bone Spring horizontal well to be drilled in Lea County, NM. The well is a 4 string casing design consisting of the following: 24" surface hole drilled on Fresh to 1500' and 20" 94# J-55 BTC casing will be set and cemented in place; 17.5" hole will then be drilled on Brine to 3200' and a string of 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Fresh to 5200' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 17823' and a string of 5.5" 20# P-110 HC GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$3,795,095
COMPLETIONS:	\$5,542,848
FACILITIES:	\$1,034,565
COMPLETED WELL COST:	\$10,372,508

**OPERATOR APPROVAL:** 



## AFE: NM1065

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #301H	Projected MD/TVD:	17823/8800
Target:	1BS	Spud to TD:	12.3
County:	Lea	Lateral Length:	8700
State:	NM	Stages:	56
SHL:	S22-T20S-R32E 360' FNL, 600' FEL	Total Proppant (ppf):	2500
BHL:	S27-T20S-R32E 1420' FSL, 330' FEL	Total Fluid (gal/ft):	3000

	TA	NGIBLE COSTS	Drilling	Completion	Facility	Total
Tangible Drilling			\$ 905,956	\$	- \$ -	\$ 905,956
	8400.301	Surface Casing	\$ 139,096	\$	- \$ -	\$ 139,096
1	8400.302	Intrm 1&2 Casing	\$ 331,693	\$	- \$ -	\$ 331,693
	8400.303	Production Casing	\$ 378,332	\$	- \$ -	\$ 378,332
	8400.340	Wellhead	\$ 56,835	\$	- \$ -	\$ 56,835
Tangible Completio	on	*	\$ -	\$ 21,05	<b>)</b> \$-	\$ 21,050
	8400.352	Wellhead & Equipment	\$	\$ 21,05	) <b>\$</b>	\$ 21,050
Tangible Artificial L	Lift		\$ -	\$ 543,50	з <mark>\$</mark> -	\$ 543,508
	8325.702	Tubing	\$ -	\$ 90,00	<b>5</b> -	\$ 90,000
	8325.704	Downhole Artificial Lift Eqpt	\$ -	\$ 350,00	) <b>\$</b>	\$ 350,000
	8325.705	ESP Equipment/Install	\$ -	\$ 40,00	) <b>\$</b>	\$ 40,000
	8325.711	Wellhead Equipment	\$ -	\$ 63,50	3 \$ -	\$ 63,508
Tangible Facility			\$ -	\$	- \$ 703,983	\$ 703,983
	8355.500	Vessels	\$ -	\$	- \$ 215,817	\$ 215,817
	8355.510	Tanks	s -	\$	- \$ 92,483	\$ 92,483
i i	8355.515	Flare	\$ -	\$	- \$ 18,383	\$ 18,383
	8355.520	PVF	\$ -	\$	- \$ 107,983	\$ 107,983
	8355.525	Containment	\$ -	\$	- \$ 18,383	\$ 18,383
i i	8355.530	Compressors	\$ -	\$	- \$ 5,517	\$ 5,517
	8355,535	Instrumentation / Meters	\$ -	\$	- \$ 34,433	\$ 34,433
i i	8355.540	Electrical Supplies	\$ -	\$	- \$ 66,750	\$ 66,750
	8355.550	Overhead Power Materia	\$ -	\$	- \$ 76,050	\$ 76,050
	8355.555	Pump / Supplies	s -	\$	- \$ 38,967	\$ 38,967
	8355.565	Flowline	\$ -	\$	- \$ 29,217	\$ 29,217
	TOTAL T	ANGIBLE COSTS >>>	\$ 905,956	\$ 564,55	8 \$ 703,983	\$ 2,174,497

	INTA	NGIBLE COSTS	Drilling	Completion	Facility	 Total
Intangible Drilling		-	\$ 2,889,139	\$ -	\$ -	\$ 2,889,139
	8200.102	Drilling - Daywork	\$ 603,142	\$ -	\$ -	\$ 603,142
	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 128,405
	8200.104	Fuel - Rig	\$ 107,358	\$ -	\$ -	\$ 107,358
	8200.106	Transportation	\$ 76,658	\$	\$	\$ 76,658
	8200.111	Survey, Stake/Permit	\$ 5,263	\$ -	\$ -	\$ 5,263
	8200.112	Location & Roads, Conductor	\$ 141,956	\$ -	\$ -	\$ 141,956
	8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$ 7,894
	8200.114	Disposal	\$ 144,624	\$ -	\$ -	\$ 144,624
	8200.115	Mud-Drill Water	\$ 12,577	\$ -	\$ -	\$ 12,577
	8200.116	Drill Bits & BHA	\$ 130,602	\$ -	\$ -	\$ 130,602
	8200.117	Mud & Chemicals	\$ 121,432	\$	\$	\$ 121,432
	8200.119	Mud-Auxiliary	\$ 26,529	\$ -	\$         -	\$ 26,529
	8200.124	Equipment Rental	\$ 165,475	\$	\$	\$ 165,475
	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,359
	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$ 63,251
	8200.128	Drilling - Directional	\$ 241,048	\$ -	\$ -	\$ 241,048
	8200.136	Mudlogging	\$ 9,609	\$ -	\$ -	\$ 9,609
	8200.137	Casing Services	\$ 126,168	\$ -	\$ -	\$ 126,168
	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$ 299,436
	8200.143	Geological Services	\$ 13,923	\$ -	\$	\$ 13,923
	8200.144	Company Supervision	\$ 2,400	\$ -	\$ -	\$ 2,400
	8200.147	Drilling Overhead	\$ 3,729	\$ -	\$ -	\$ 3,729
	8200.149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,525
	8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$ 7,894
	8200.162	Mancamp	\$ 46,092	\$ -	\$ -	\$ 46,092



			,			
[	8200.164	Solids Control & Closed Loop	\$ 58,745	\$	\$	\$ 58,745
[	8200.165	Safety/Environmental	\$ 1,755	\$ -	\$ -	\$ 1,755
	8200.167	Consulting Services	\$ 115,606	\$ -	\$ -	\$ 115,606
	8200.168	Roustabout Services	\$ 2,245	\$ -	\$ -	\$ 2,245
	8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,20
	8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,239
Intangible Complet	ion		\$ -	\$ 4,029,674	\$ -	\$ 4,029,674
	8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,04
[	8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,288
[	8300.207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,01
[	8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,427
ſ	8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,983
[	8300.212	Contract Labor	\$ -	\$ 10,678	\$ -	\$ 10,678
ſ	8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,94
	8300.220	Engineering & Supervision	\$ -	\$ 12,630	\$ -	\$ 12,630
Ĩ	8300.229	Transportation	\$ -	\$ 5,263	\$ -	\$ 5,263
	8300.232	Disposal	\$ -	\$ 19,004	\$ -	\$ 19,00
	8300.240	Pump Down Services	\$ -	\$ 77,359	\$ -	\$ 77,359
ľ	8300.248	Mancamp	\$ -	\$ 28,165	\$ -	\$ 28,16
ľ	8300.250	Downhole Rental Equip	\$ -	\$ 46,338	\$ -	\$ 46,338
ŀ	8300.270	Frac - Equipment	\$ -	\$ 1,080,910	\$ -	\$ 1,080,910
	8300.271	Coil Tubing	\$ -	\$ 107,638	\$ -	\$ 107,638
	8300.273	Flowback	s -	\$ 26,997	\$ -	\$ 26,997
	8300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,749
	8300.275	Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,798
-	8300.276	Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,473
ŀ	8300.277	Consulting Services	\$ -	\$ 118,933	\$	\$ 118,933
ŀ	8300.278	Roustabouts	\$ -	\$ 1,579	\$ -	\$ 1,579
-	8300.279	Completions Overhead	\$ -	\$ 2,463	\$	\$ 2,463
Intangible Artificial			s -	\$ 110,150	\$	\$ 110,150
	8320.602	Workover Rig	s -	\$ 30,000	- \$	\$ 30,000
r	8320.605	Fuel / Power	\$	\$ 5,263	\$	\$ 5,263
-	8320.610	Inspection & Testing	\$ -	\$ 4,000	\$	\$ 4,000
-	8320,611	Trucking/Vacuum/Transportation	\$ -	\$ 10,000	\$ -	\$ 10,000
-	8320.612	Kill Truck	\$ -	\$ 5,000	\$	\$ 5,000
-	8320.617	Contract Labor/Roustabout	s -	\$ 30,887	\$	\$ 30,887
	8320.621	Rental Equipment	s -	\$ 30,887	\$	\$ 15,000
-	8320.625	Wellsite Supervision	\$ -	\$ 5,000	\$	\$ 5,000
ŀ			\$ -			
Intangible Flowt	8320.628	Chemicals	s -	\$ 5,000 \$ 838,466	\$ \$	\$ 5,000 \$ 838,466
Intangible Flowbac		Trucked Water Dispace	s -			
ŀ	8360.805	Trucked Water Disposal		\$ 21,464 \$ 407,122	\$	
	8360.810	Frac Water Recovery	\$	\$ 497,122	\$	\$ 497,122
	8360.815	Trucking/Vacuum/Transp	\$ <u>-</u>	\$ 14,334	\$	\$ 14,33
-	8360.820	Well Testing / Flowback	s -	\$ 60,746	\$	\$ 60,746
ļ	8360.825	Rental Equipment	\$ -	\$ 190,000	\$	\$ 190,000
ļ	8360.845	Wellsite Supervision	\$ -		\$	\$ 50,400
	8360.850	Safety / Environmental	\$	\$ 4,400	\$	\$ 4,400
Intangible Facility			\$ -	\$	\$ 330,582	\$ 330,582
ļ	8350.403	Roads/Location	\$ -	\$	\$ 45,950	\$ 45,950
	8350.404	Equipment Rental	\$ -	\$	\$ 19,483	\$ 19,483
	8350.410	Transportation/Trucking	\$ -	\$ -	\$ 22,050	\$ 22,050
ļ	8350.411	Safety & Environmental	\$ -	\$	\$ 8,283	\$ 8,28
	8350.415	Engineering / Technical	\$ -	\$ -	\$ 26,650	\$ 26,65
	8350.416	Supervision	\$	\$ -	\$ 15,450	\$ 15,45
L 1	8350.417	Overhead Power Labor	\$ -	\$ -	\$ 18,383	\$ 18,38
ľ		Mechanical Labor	\$ -	\$	\$ 90,700	\$ 90,70
-	8350.418			\$ -	\$ 13,233	\$ 13,23
	8350.418 8350.419	Automation Labor	\$ -	÷	φ 15,255	
		Automation Labor Electrical Labor	\$ \$	\$ -	\$ 13,233 \$ 48,800	
, , , ,	8350.419					\$ 48,80
-	8350.419 8350.420	Electrical Labor	\$	\$ -	\$ 48,800	\$ 48,800 \$ 2,300
-	8350.419 8350.420 8350.421 8350.422	Electrical Labor Commissioning	\$ \$ \$	\$ \$	\$ 48,800 \$ 2,300	\$ 48,80 \$ 2,30 \$ 19,30
-	8350.419 8350.420 8350.421 8350.422 TOTAL INT	Electrical Labor Commissioning Flowline Labor	\$ - \$ - \$ -	\$ \$	\$ 48,800 \$ 2,300 \$ 19,300	\$ 48,800 \$ 2,300 \$ 19,300



This Authority for Expenditure is based on cost estimates. Billing will reflect your proportionate share of the actual invoice costs.

#### JOINT INTEREST APPROVAL:

Company:

Working Interest:

Signature:

Date:

\_\_\_\_\_

Ву:\_\_\_\_\_



AFE: NM1066

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #302H
Target:	1BS
County:	Lea
State:	NM
SHL:	S22-T20S-R32E 360' FNL, 660' FEL
BHL:	S27-T20S-R32E 1420' FSL, 1320' FEL

Projected MD/TVD: 17823/8800 Spud to TD: 12.3 Lateral Length: 8700 Stages: 56 Total Proppant (ppf): 2500 Total Fluid (gal/ft): 3000

# PROJECT DESCRIPTION:

The proposed AFE is for the Thai Curry 22 27 Fed Com #302H, a 1.75 section Bone Spring horizontal well to be drilled in Lea County, NM. The well is a 4 string casing design consisting of the following: 24" surface hole drilled on Fresh to 1500' and 20" 94# J-55 BTC casing will be set and cemented in place; 17.5" hole will then be drilled on Brine to 3200' and a string of 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Fresh to 5200' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 17823' and a string of 5.5" 20# P-110 HC GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$3,795,095
COMPLETIONS:	\$5,542,848
FACILITIES:	\$1,034,565
COMPLETED WELL COST:	\$10,372,508

**OPERATOR APPROVAL:** 

Received by OCD: 7/9/2025 8:12:05 AM



# AUTHORIZATION FOR EXPENDITURE

# AFE: NM1066

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #302H	Projected MD/TVD:	17823/8800
Target:	1BS	Spud to TD:	12.3
County:	Lea	Lateral Length:	8700
State:	NM	Stages:	56
SHL:	S22-T20S-R32E 360' FNL, 660' FEL	Total Proppant (ppf):	2500
BHL:	S27-T20S-R32E 1420' FSL, 1320' FEL	Total Fluid (gal/ft):	3000

	ТА	NGIBLE COSTS	Drillin	g	Completion	Facility	Total
Tangible Drilling			\$	905,956	\$ -	\$ -	\$ 905,956
	8400.301	Surface Casing	\$	139,096	\$ -	\$ -	\$ 139,096
	8400.302	Intrm 1&2 Casing	\$	331,693	\$ -	\$ -	\$ 331,693
	8400.303	Production Casing	\$	378,332	\$ -	\$ -	\$ 378,332
	8400.340	Wellhead	\$	56,835	\$	\$ -	\$ 56,835
Tangible Completi	on	*	\$	-	\$ 21,050	\$-	\$ 21,050
	8400.352	Wellhead & Equipment	\$	-	\$ 21,050	\$ -	\$ 21,050
Tangible Artificial Lift		\$	-	\$ 543,508	\$ -	\$ 543,508	
	8325.702	Tubing	\$	-	\$ 90,000	\$ -	\$ 90,000
	8325.704	Downhole Artificial Lift Eqpt	\$	-	\$ 350,000	\$ -	\$ 350,000
	8325.705	ESP Equipment/Install	\$	-	\$ 40,000	\$-	\$ 40,000
	8325.711	Wellhead Equipment	\$	-	\$ 63,508	\$ -	\$ 63,508
Tangible Facility		\$	-	\$ -	\$ 703,983	\$ 703,983	
	8355.500	Vessels	\$	-	\$ -	\$ 215,817	\$ 215,817
	8355.510	Tanks	\$	-	\$ -	\$ 92,483	\$ 92,483
	8355.515	Flare	\$	-	\$ -	\$ 18,383	\$ 18,383
	8355.520	PVF	\$	-	\$ -	\$ 107,983	\$ 107,983
	8355.525	Containment	\$	-	\$ -	\$ 18,383	\$ 18,383
	8355.530	Compressors	\$	-	\$ -	\$ 5,517	\$ 5,517
	8355,535	Instrumentation / Meters	\$	-	\$ -	\$ 34,433	\$ 34,433
	8355.540	Electrical Supplies	\$	-	\$ -	\$ 66,750	\$ 66,750
	8355.550	Overhead Power Materia	\$	-	\$ -	\$ 76,050	\$ 76,050
	8355.555	Pump / Supplies	\$	-	\$ -	\$ 38,967	\$ 38,967
	8355.565	Flowline	\$	-	\$ -	\$ 29,217	\$ 29,217
	TOTAL 1	ANGIBLE COSTS >>>	\$	905,956	\$ 564,558	\$ 703,983	\$ 2,174,497

	INTAI	NGIBLE COSTS	Drilling	Completion	Facility	Tota	al
Intangible Drilling			\$ 2,889,139	\$ -	\$ -	\$	2,889,139
	8200.102	Drilling - Daywork	\$ 603,142	\$ -	\$ -	\$	603,142
	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$	128,405
	8200.104	Fuel - Rig	\$ 107,358	\$ -	\$ -	\$	107,358
	8200.106	Transportation	\$ 76,658	\$ -	\$ -	\$	76,658
	8200.111	Survey, Stake/Permit	\$ 5,263	\$ -	\$ -	\$	5,263
	8200.112	Location & Roads, Conductor	\$ 141,956	\$ -	\$ -	\$	141,956
	8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$	7,894
	8200.114	Disposa	\$ 144,624	\$ -	\$ -	\$	144,624
	8200.115	Mud-Drill Water	\$ 12,577	\$ -	\$ -	\$	12,577
I F	8200.116	Drill Bits & BHA	\$ 130,602	\$ -	\$ -	\$	130,602
	8200.117	Mud & Chemicals	\$ 121,432	\$	\$	\$	121,432
	8200.119	Mud-Auxiliary	\$ 26,529	s -	\$        -	\$	26,529
	8200.124	Equipment Rental	\$ 165,475	\$	\$	\$	165,475
	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$	77,359
	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$	63,251
	8200.128	Drilling - Directional	\$ 241,048	\$ -	\$ -	\$	241,048
	8200.136	Mudlogging	\$ 9,609	\$ -	\$ -	\$	9,609
	8200.137	Casing Services	\$ 126,168	\$ -	\$ -	\$	126,168
	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$	299,436
	8200.143	Geological Services	\$ 13,923	\$	\$	\$	13,923
	8200.144	Company Supervision	\$ 2,400	\$ -	\$ -	\$	2,400
	8200.147	Drilling Overhead	\$ 3,729	\$ -	\$ -	\$	3,729
	8200.149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$	10,525
	8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$	7,894
	8200.162	Mancamp	\$ 46,092	\$ -	\$ -	\$	46,092



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[	8200.164	Solids Control & Closed Loop	\$ 58,745	\$ -	\$ -	\$ 58,745
	8200.165	Safety/Environmental	\$ 1,755	\$ -	\$ -	\$ 1,755
	8200.167	Consulting Services	\$ 115,606	\$ -	\$ -	\$ 115,600
	8200.168	Roustabout Services	\$ 2,245	\$ -	\$ -	\$ 2,24
	8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,20
	8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,23
Intangible Completi	on		\$ -	\$ 4,029,674	\$ -	\$ 4,029,67
	8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,04
[	8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,28
[	8300.207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,01
[	8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,42
ſ	8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,98
ſ	8300.212	Contract Labor	\$ -	\$ 10,678	\$ -	\$ 10,67
ſ	8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,94
ſ	8300.220	Engineering & Supervision	\$ -	\$ 12,630	\$ -	\$ 12,63
Ĩ	8300.229	Transportation	\$ -	\$ 5,263	\$ -	\$ 5,26
Ī	8300.232	Disposa	s -	\$ 19,004	\$ -	\$ 19,00
ſ	8300.240	Pump Down Services	\$ -	\$ 77,359	\$ -	\$ 77,35
ľ	8300.248	Mancamp	\$ -	\$ 28,165	\$ -	\$ 28,16
ľ	8300.250	Downhole Rental Equip	s -	\$ 46,338	\$ -	\$ 46,338
ľ	8300.270	Frac - Equipment	\$ -	\$ 1,080,910	\$ -	\$ 1,080,910
ŀ	8300.271	Coil Tubing	\$ -	\$ 107,638	\$ -	\$ 107,638
ŀ	8300.273	Flowback	\$ -	\$ 26,997	\$ -	\$ 26,99
ŀ	8300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,749
ŀ	8300.275	Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,798
-	8300.276	Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,473
-	8300.277	Consulting Services	\$ -	\$ 118,933	\$ -	\$ 118,933
-	8300.278	Roustabouts	\$ -	\$ 1,579	\$ -	\$ 1,579
-	8300.279	Completions Overhead	\$ -	\$ 2,463	\$ -	\$ 2,463
Intangible Artificial	Lift		s -	\$ 110,150	\$ -	\$ 110,150
	8320.602	Workover Rig	s -	\$ 30,000	\$ -	\$ 30,000
ł	8320.605	Fuel / Power	\$ -	\$ 5,263	\$	\$ 5,263
ŀ	8320.610	Inspection & Testing	\$ -	\$ 4,000	\$ -	\$ 4,000
ŀ	8320.611	Trucking/Vacuum/Transportation	\$ -	\$ 10,000	\$ -	\$ 10,000
ŀ	8320.612	Kill Truck	\$ -	\$ 5,000	\$ -	\$ 5,000
ŀ	8320.617	Contract Labor/Roustabout	s -	\$ 30,887	\$ -	\$ 30,887
ŀ	8320.621	Rental Equipment	\$ -	\$ 15,000	\$	\$ 15,000
ŀ	8320.625	Wellsite Supervision	\$ -	\$ 5,000	\$ -	\$ 5,000
-	8320.628	Chemicals	\$ -	\$ 5,000	\$ -	\$ 5,000
Intangible Flowback			\$ -	\$ 838,466	\$ -	\$ 838,466
	8360.805	Trucked Water Disposal	\$ -	\$ 21,464	\$ -	\$ 21,464
ŀ	8360.810	Frac Water Recovery	s -	\$ 497,122	\$ -	\$ 497,122
ŀ	8360.815	Trucking/Vacuum/Transp	s -	\$ 14,334	\$ -	\$ 14,334
ŀ	8360.820	Well Testing / Flowback	s -	\$ 60,746	\$ -	\$ 60,746
ŀ	8360.825	Rental Equipment	s -	\$ 190,000	\$ -	\$ 190,000
ŀ	8360.845	Wellsite Supervision	s -	\$ 50,400	\$	\$ 50,400
ŀ	8360.850	Safety / Environmental	s -	\$ 50,400 \$ 4,400	\$	\$ 50,400
Intangible Facility	0000.000	oucty / Environmental	s -	\$ -	\$ 330,582	\$ 330,58
angione racinity	8350.403	Roads/Location	s -	\$	\$ 330,562 \$ 45,950	\$ 330,582 \$ 45,950
ŀ	8350.403	Equipment Rental	s -	» s	\$ 45,950 \$ 19,483	\$ 45,950 \$ 19,483
ŀ	8350.404	Transportation/Trucking	s -	» - \$ -	\$ 19,483	\$ 22,050
-	8350.410	Safety & Environmental	s -	» \$	\$ 22,050 \$ 8,283	\$ 8,28
	8350.411		s -	» - \$ -	\$ 8,283 \$ 26,650	\$ 26,65
ŀ		Engineering / Technical	s -			
	8350.416	Supervision	s	\$ \$		
ŀ	8350.417	Overhead Power Labor		·		
	8350.418	Mechanical Labor	\$	\$	\$ 90,700 \$ 12,222	\$ 90,70
ŀ	8350.419	Automation Labor	\$	\$	\$ 13,233	\$ 13,23
ŀ	8350.420	Electrical Labor	s <u>-</u>	\$	\$ 48,800	\$ 48,80
ļ	8350.421	Commissioning	\$	\$	\$ 2,300	\$ 2,30
	8350.422	Flowline Labor	\$ <u>-</u>	\$	\$ 19,300	\$ 19,30
	TOTAL INT	ANGIBLE COSTS >>>		\$ 4,978,290	\$ 330,582	\$ 8,198,01
	TOTAL P	ROJECT COSTS >>>	\$ 3,795,095	\$ 5,542,848	\$ 1,034,565	\$ 10,372,508
			Drilling	Completion	Facility	Tota



This Authority for Expenditure is based on cost estimates. Billing will reflect your proportionate share of the actual invoice costs.

#### JOINT INTEREST APPROVAL:

Company:

Released to Imaging: 7/9/2025 8:12:54 AM

Working Interest:

Signature:

Date:

\_\_\_\_\_

Ву:\_\_\_\_\_



AFE: NM1067

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #303H
Target:	1BS
County:	Lea
State:	NM
SHL:	S22-T20S-R32E 360' FNL, 700' FEL
BHL:	S27-T20S-R32E 1420' FSL, 2310' FEL

Projected MD/TVD: 17823/8800 Spud to TD: 12.3 Lateral Length: 8700 Stages: 56 Total Proppant (ppf): 2500 Total Fluid (gal/ft): 3000

## PROJECT DESCRIPTION:

The proposed AFE is for the Thai Curry 22 27 Fed Com #303H, a 1.75 section Bone Spring horizontal well to be drilled in Lea County, NM. The well is a 4 string casing design consisting of the following: 24" surface hole drilled on Fresh to 1500' and 20" 94# J-55 BTC casing will be set and cemented in place; 17.5" hole will then be drilled on Brine to 3200' and a string of 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Fresh to 5200' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 17823' and a string of 5.5" 20# P-110 HC GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$3,795,095
COMPLETIONS:	\$5,542,848
FACILITIES:	\$1,034,565
COMPLETED WELL COST:	\$10,372,508

**OPERATOR APPROVAL:** 



## AFE: NM1067

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #303H	Projected MD/TVD:	17823/8800
Target:	1BS	Spud to TD:	12.3
County:	Lea	Lateral Length:	8700
State:	NM	Stages:	56
SHL:	S22-T20S-R32E 360' FNL, 700' FEL	Total Proppant (ppf):	2500
BHL:	S27-T20S-R32E 1420' FSL, 2310' FEL	Total Fluid (gal/ft):	3000

	TANGIBLE COSTS		Drilling	Completion	Facility	Total
Tangible Drilling			\$ 905,956	\$	- \$ -	\$ 905,9
	8400.301	Surface Casing	\$ 139,096	\$	- \$ -	\$ 139,0
	8400.302	Intrm 1&2 Casing	\$ 331,693	\$	- \$ -	\$ 331,6
	8400.303	Production Casing	\$ 378,332	\$	- \$ -	\$ 378,3
	8400.340	Wellhead	\$ 56,835	\$	- \$ -	\$ 56,8
Tangible Completio	on	*	s -	\$ 21,05	0 \$ -	\$ 21,0
	8400.352	Wellhead & Equipment	\$	\$ 21,05	o \$ -	\$ 21,0
Tangible Artificial Lift		\$	\$ 543,50	8 \$ -	\$ 543,5	
	8325.702	Tubing	\$ -	\$ 90,00	o \$ -	\$ 90,0
	8325.704	Downhole Artificial Lift Eqpt	s -	\$ 350,00	0\$-	\$ 350,0
	8325.705	ESP Equipment/Install	\$ -	\$ 40,00	o \$ -	\$ 40,0
	8325.711	Wellhead Equipment	\$ -	\$ 63,50	8 \$ -	\$ 63,5
Tangible Facility		\$ -	\$	- \$ 703,983	\$ 703,9	
	8355.500	Vessels	\$ -	\$	- \$ 215,817	\$ 215,8
	8355.510	Tanks	s -	\$	- \$ 92,483	\$ 92,4
	8355.515	Flare	\$ -	\$	- \$ 18,383	\$ 18,3
	8355.520	PVF	s -	\$	- \$ 107,983	\$ 107,9
	8355.525	Containment	\$ -	\$	- \$ 18,383	\$ 18,3
	8355.530	Compressors	\$ -	\$	- \$ 5,517	\$ 5,5
	8355,535	Instrumentation / Meters	\$ -	\$	- \$ 34,433	\$ 34,4
	8355.540	Electrical Supplies	\$ -	\$	- \$ 66,750	\$ 66,7
	8355.550	Overhead Power Material	\$ -	\$	- \$ 76,050	\$ 76,0
	8355.555	Pump / Supplies	\$ -	\$	- \$ 38,967	\$ 38,9
	8355.565	Flowline	\$ -	\$	- \$ 29,217	\$ 29,2
	TOTAL T	ANGIBLE COSTS >>>	\$ 905,956	\$ 564,55	8 \$ 703,983	\$ 2,174,4

INT	ANGIBLE COSTS	Drilling	Completion	Facility	Total
Intangible Drilling	-	\$ 2,889,139	\$ -	\$ -	\$ 2,889,139
8200.102	Drilling - Daywork	\$ 603,142	\$ -	\$ -	\$ 603,142
8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 128,405
8200.104	Fuel - Rig	\$ 107,358	\$ -	\$        -	\$ 107,358
8200.106	Transportation	\$ 76,658	\$	\$	\$ 76,658
8200.111	Survey, Stake/Permit	\$ 5,263	\$     -	\$ -	\$ 5,263
8200.112	Location & Roads, Conductor	\$ 141,956	\$	\$ -	\$ 141,956
8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$ 7,894
8200.114	Disposal	\$ 144,624	\$ -	\$ -	\$ 144,624
8200.115	Mud-Drill Water	\$ 12,577	\$	\$	\$ 12,577
8200.116	Drill Bits & BHA	\$ 130,602	\$ -	\$ -	\$ 130,602
8200.117	Mud & Chemicals	\$ 121,432	\$ <del>-</del>	\$	\$ 121,432
8200.119	Mud-Auxiliary	\$ 26,529	\$ -	\$ -	\$ 26,529
8200.124	Equipment Rental	\$ 165,475	\$	\$	\$ 165,475
8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,359
8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$ 63,251
8200.128	Drilling - Directional	\$ 241,048	\$	\$	\$ 241,048
8200.136	Mudlogging	\$ 9,609	\$	\$ -	\$ 9,609
8200.137	Casing Services	\$ 126,168	\$	\$       -	\$ 126,168
8200.138	Cementing Services	\$ 299,436	\$ -	\$	\$ 299,436
8200.143	Geological Services	\$ 13,923	\$	\$	\$ 13,923
8200.144	Company Supervision	\$ 2,400	\$ -	\$     -	\$ 2,400
8200.147	Drilling Overhead	\$ 3,729	\$ -	\$ -	\$ 3,729
8200.149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,525
8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$ 7,894
8200.162	Mancamp	\$ 46,092	\$ -	\$ -	\$ 46,092



#20.164     Sodia     Sodia     Sodia     Sodia       4200.167     Contading Services     S     116.06     S     S       8200.168     Routabios Services     S     2.240     S     S       4200.167     Modebine     S     2.240     S     S       4200.167     Modebine     S     2.240     S     S       4200.170     Modebine     S     2.241     S     S       4300.207     Modebine     S     112.20     S     4.628.74       8300.205     Location Roade     S     S     4.628.74     S       6300.207     Ford     Roade     S     S     4.620.74     S       6300.201     Contract Lator     S     S     10.076     S       6300.202     Contract Lator     S     S     10.076     S       6300.201     Sufface Rental Equip     S     S     10.076     S       6300.202     Engeneting A Supervision     S     S     10.076     S       6300.202     Desprat     S     S     10.076     S     10.076       6300.202     Desprat     S     S     10.076     S     10.076       6300.202     Desprat     S		\$         58;           \$         11;           \$         115;           \$         22;           \$         25;           \$         26;           \$         4029,           \$         442,           \$         482,           \$         251,           \$         2251,           \$         2251,           \$         2255,           \$         100,           \$         2259,           \$         122,           \$         5,           \$         12,0           \$         5,           \$         19,0           \$         77,3
8200,167         Consulting Services         \$         115,000         \$         \$           8200,168         Rousistout Services         \$         2,240         \$         \$           9200,170         Mud-Diree         \$         2,201         \$         \$         \$           101,000,000         Rousistout Services         \$         112,203         \$         \$         \$           101,000,000         Rousistout Services         \$         \$         4,228,074         \$           101,000,000         Rousistout Services         \$         \$         4,228,474         \$           101,000,000         Cherain Mater         \$         \$         2,296,441         \$         \$           103,002,00         Cherain Ramati Equip         \$         \$         \$         2,296,441         \$           103,002,00         Cherain Ramati Equip         \$         \$         \$         1,2630         \$           103,002,01         Surficio Ramati Equip         \$         \$         \$         1,2630         \$           103,002,020         Engineering & Supervision         \$         \$         1,2630         \$           103,002,020         DemoriSericea         \$         \$	- - - - - - - - - - - - - - - - - - -	\$         115.0           \$         22.2           \$         22.5           \$         22.5           \$         112.1           \$         4.029.1           \$         4.029.1           \$         4.029.1           \$         4.029.1           \$         4.029.1           \$         4.029.1           \$         251.4           \$         2251.4           \$         2259.3           \$         12.0           \$         12.0           \$         5.12.1           \$         19.0           \$         77.3
8200.168         Rousabout Services         \$         2.2.0.1         \$         \$           8200.109         Muk-Brine         \$         2.2.0.1         \$         \$           1ntangible Completion         \$         112.2.09         \$         \$         \$           8300.205         Location & Roade         \$         \$         4.8.0.0.85         \$         \$           8300.205         Location & Roade         \$		\$         22,3           \$         225,2           \$         112,3           \$         4029,0           \$         4029,0           \$         4402,0           \$         440,0           \$         53,0           \$         251,4           \$         2251,4           \$         2259,3           \$         12,0           \$         12,0           \$         12,0           \$         12,0           \$         12,0           \$         12,0           \$         12,0           \$         12,0
8200.169         Mud-Brine         \$         2.5.00         \$         \$           111.0001/10         Mud-Brine         \$         11.2.39         \$         \$         \$           111.0001/10         Mud-Brine         \$         4.02.8.674         \$         \$         4.02.8.674         \$           111.0001/10         \$         \$         4.02.8.674         \$         4.02.8.674         \$         \$         4.02.8.674         \$         \$         4.02.8.674         \$         \$         4.02.8.674         \$         \$         4.02.8.674         \$ <t< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$         25,3           \$         112,4           \$         4,029,1           \$         4,029,1           \$         4,029,1           \$         4,029,1           \$         4,029,1           \$         5,3           \$         251,4           \$         265,9           \$         104,0           \$         259,3           \$         124,0           \$         5,2           \$         124,0           \$         5,2           \$         12,0           \$         12,0           \$         5,2           \$         12,0           \$         5,2           \$         12,0           \$         5,2           \$         19,0           \$         77,3</td></t<>	- - - - - - - - - - - - - - - - - - -	\$         25,3           \$         112,4           \$         4,029,1           \$         4,029,1           \$         4,029,1           \$         4,029,1           \$         4,029,1           \$         5,3           \$         251,4           \$         265,9           \$         104,0           \$         259,3           \$         124,0           \$         5,2           \$         124,0           \$         5,2           \$         12,0           \$         12,0           \$         5,2           \$         12,0           \$         5,2           \$         12,0           \$         5,2           \$         19,0           \$         77,3
NumberNumberS112.230SSSIntangible CompleteFielSS442.045S8000.205Location & ReadsSS6.26.88S8300.207Fresh WaterSS2.61.07S8300.207Fresh WaterSS2.62.68.81S8300.207Fresh WaterSS2.62.68.81S8300.207Contract LaborSS2.62.68.81S8300.212Contract LaborSS1.62.68S8300.220TransportationSS1.62.68S8300.220TransportationSS3.62.68S8300.220TransportationSS3.62.68S8300.220TransportationSS3.60.68S8300.220Downloe Rerule EquipSS1.06.018S8300.221Coll TubingSS1.06.018S8300.221Coll TubingSS1.06.018S8300.271Coll TubingSS1.06.018S8300.275Frac - SandSS9.64.78S8300.276Sately Contract LaborSS1.06.0188300.277Sately Contract LaborRowSS3.60.688300.276Sately Contract LaborRowSS3.60.678300.277Contract LaborRowSS3.60.688300.276Sately Contract LaborRow </td <td>- - - - - - - - - - - - - - - - - - -</td> <td>\$         112.7           \$         4.029,1           \$         4.029,1           \$         4.029,1           \$         4.029,1           \$         4.029,1           \$         5.265,2           \$         10,0           \$         2259,3           \$         12,0           \$         12,</td>	- - - - - - - - - - - - - - - - - - -	\$         112.7           \$         4.029,1           \$         4.029,1           \$         4.029,1           \$         4.029,1           \$         4.029,1           \$         5.265,2           \$         10,0           \$         2259,3           \$         12,0           \$         12,
Intangible Completion         §         \$         \$         4.82.045         \$           1300.203         Fuil         \$         \$         5.82.84         \$           300.207         Fresh Water         \$         \$         5.82.84         \$           300.207         Fresh Water         \$         \$         440.017         \$           300.207         Chemcals         \$         \$         25.93.83         \$           300.212         Contract Labor         \$         \$         25.93.83         \$           300.212         Contract Labor         \$         \$         25.93.41         \$           300.220         Transportation         \$         \$         5.26.93         \$           300.221         Transportation         \$         \$         7.7390         \$           300.220         Transportation         \$         \$         7.7390         \$           300.270         Frace Equipment         \$         \$         46.338         \$           300.271         Frace Equipment         \$         \$         9.7389         \$           300.271         Frace Equipment         \$         \$         9.80.73         \$ <t< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$         4.029,0           \$         4.82,0           \$         4.82,0           \$         5,2           \$         2.65,1           \$         2.65,2           \$         10,0           \$         2.59,3           \$         12,0           \$         5,2           \$         12,0           \$         5,2           \$         19,0           \$         77,3</td></t<>	- - - - - - - - - - - - - - - - - - -	\$         4.029,0           \$         4.82,0           \$         4.82,0           \$         5,2           \$         2.65,1           \$         2.65,2           \$         10,0           \$         2.59,3           \$         12,0           \$         5,2           \$         12,0           \$         5,2           \$         19,0           \$         77,3
8300.203         Fuid         \$         \$         \$         482,045         \$           8300.205         Location & Roads         \$         \$         5.288         \$           8300.207         Fresh Waler         \$         \$         440,077         \$           8300.210         Surface Rental Equip         \$         \$         251,427         \$           8300.212         Contract Labor         \$         \$         259,941         \$           8300.220         Engineering & Supervision         \$         \$         259,941         \$           8300.221         Contract Labor         \$         \$         12,830         \$         \$           8300.220         Engineering & Supervision         \$         \$         12,830         \$         \$           8300.220         Disposal         \$         \$         \$         12,830         \$         \$           8300.270         Pare Equipment         \$         \$         \$         \$         16,830         \$           8300.271         Goat Tuning         \$         \$         \$         \$         \$         16,830         \$           8300.274         Waker Transfer         \$         \$	- - - - - - - - - - - - - - - - - - -	\$         482.(           \$         5.2           \$         251.4           \$         265.3           \$         10.0           \$         259.3           \$         12.0           \$         5.2           \$         12.0           \$         5.2           \$         12.0           \$         5.2           \$         19.0           \$         77.3
# 300.205         Location & Roads         \$         5         5.288         \$           # 300.207         Freah Vater         \$         \$         440.017         \$           # 300.2020         Chemicals         \$         \$         2251.427         \$           # 300.212         Contract Labor         \$         \$         10.678         \$           # 300.212         Contract Labor         \$         \$         10.678         \$           # 300.214         Perforaing & Rugarvision         \$         \$         12.630         \$           # 300.221         Transportation         \$         \$         12.630         \$           # 300.222         Disposal         \$         \$         12.630         \$           # 300.221         Disposal         \$         \$         7.7389         \$           # 300.221         Disposal         \$         \$         7.7389         \$           # 300.270         Prace Equipment         \$         \$         9.7388         \$           # 300.271         Proeback         \$         \$         9.60749         \$           # 300.271         Frace Sand         \$         \$         9.60749         \$     <	- - - - - - - - - - - - - - - - - - -	\$ 5.7 \$ 4400 \$ 2514 \$ 2653 \$ 100 \$ 2593 \$ 124 \$ 5.7 \$ 190 \$ 77.3
8300,207Presh Water\$\$\$440,017\$8300,200Chenicals\$\$265,023\$8300,210Surface Rental Equip\$\$265,023\$8300,212Contract Lobr\$\$265,023\$8300,214Perforaing & Plags\$\$\$265,023\$8300,212Contract Lobr\$\$\$265,023\$8300,214Perforaing & Plags\$\$\$\$\$8300,220Engineering & Supervision\$\$\$\$\$8300,232Disposit\$\$\$\$\$\$8300,232Disposit\$\$\$\$\$\$8300,240Pump Down Services\$\$\$\$\$\$8300,270Prace Equipment\$\$\$\$\$\$8300,270Prace Equipment\$\$\$\$\$\$\$\$\$8300,271Coll Tubing\$	- - - - - - - - - - - - - - - - - - -	\$         440.0           \$         251.4           \$         265.0           \$         10.0           \$         259.9           \$         12.0           \$         5.2           \$         12.0           \$         5.2           \$         12.0           \$         5.2           \$         19.0           \$         77.3
8300.200Chemicals\$\$\$2514.21\$8300.210Surface Rental Equip\$\$2655.88\$8300.214Perforating & Rugs\$\$255.981\$8300.214Perforating & Rugs\$\$256.941\$8300.220Ergineering & Supervision\$\$\$12.630\$8300.220Transportation\$\$\$12.630\$8300.220Disposit\$\$\$12.630\$8300.220Disposit\$\$\$12.630\$8300.220Disposit\$\$\$10.600\$8300.220Disposit\$\$\$10.600\$8300.220Downheer Rental Equip\$\$\$46.330\$8300.270Proc-Equipment\$\$\$10.600\$8300.271Contracter\$\$\$6.000\$8300.273Flowback\$\$\$3.600\$8300.274Vater Transfer\$\$\$\$3.473\$8300.275Consulting Services\$\$\$\$3.473\$8300.276Completions Overhead\$\$\$\$\$\$\$8300.277Consulting Services\$ <t< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$         251.4           \$         265.5           \$         10.0           \$         259.5           \$         12.0           \$         5.7           \$         5.7           \$         19.0           \$         77.3</td></t<>	- - - - - - - - - - - - - - - - - - -	\$         251.4           \$         265.5           \$         10.0           \$         259.5           \$         12.0           \$         5.7           \$         5.7           \$         19.0           \$         77.3
8300.210Surface Rental Equip\$\$\$265.988\$8300.212Contract Labor\$\$205.941\$8300.212Contract Labor\$\$255.941\$8300.220Engineering & Supervision\$\$5.263\$8300.220Disposal\$\$\$5.263\$8300.220Pump Down Services\$\$\$\$7.3798300.240Pump Down Services\$\$\$\$\$8300.270Prace Equipment\$\$\$\$\$8300.271Contrubel Rental Equip\$\$\$\$\$8300.271Contrubel Rental Equip\$\$\$\$\$8300.271Contrubel Rental Equip\$\$\$\$\$8300.271Contrubel Rental Equip\$\$\$\$\$8300.271Contrubel Rental Equip\$\$\$\$\$8300.271Contrubel Rental Equip\$\$\$\$\$8300.271Contrubel Rental Equip\$\$\$\$\$8300.271Consulting Services\$\$\$\$\$8300.271Consulting Services\$\$\$\$\$8300.271Consulting Services\$\$\$\$\$\$8300.271Consulting Services\$\$\$\$\$\$\$8300.271Consul	- - - - - - - - - - - - - - - - - - -	\$         265,9           \$         10,4           \$         259,9           \$         12,4           \$         5,5,5           \$         19,1           \$         77,5
830.212         Contract Labor         \$         .         \$         .         259,041         \$           8300.214         Perforating & Plugs         \$         .         \$         .         259,041         \$           8300.220         Engineering & Supervision         \$         .         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         .         \$         . <t< td=""><td>- - - - - - - - - - - - - - - - - - -</td><td>\$         10,0           \$         259,3           \$         12,0           \$         5,7           \$         19,0           \$         77,3</td></t<>	- - - - - - - - - - - - - - - - - - -	\$         10,0           \$         259,3           \$         12,0           \$         5,7           \$         19,0           \$         77,3
830.214         Perforating & Puges         \$         2.89,941         \$           8300.220         Engineering & Supervision         \$         5         2.800         \$           8300.221         Transportation         \$         \$         5.830         \$           8300.222         Disposal         \$         \$         7.7369         \$           8300.220         Pump Down Services         \$         \$         7.7369         \$           8300.220         Disposal         \$         \$         7.7369         \$           8300.220         Frace-Equipment         \$         \$         8.90.270         \$         9.00.010         \$           8300.270         Frace-Equipment         \$         \$         9.00.010         \$         \$         9.00.010         \$           8300.271         Coll Tubing         \$         \$         9.07.49         \$         9.07.49         \$           8300.276         Frace-Sand         \$         \$         9.07.49         \$         3.473         \$           8300.276         Completions Covenead         \$         \$         9.07.49         \$         3.473         \$           8300.276         Consultions Covenead	- - - - - - - - - - - - - - - - - - -	\$ 259,5 \$ 12,6 \$ 5,7 \$ 19,0 \$ 77,5
8300,220         Engineering & Supervision         \$         \$         1,2,630         \$           8300,229         Transportation         \$         \$         5,263         \$           8300,220         Dinsportal         \$         \$         1,9004         \$           8300,240         Pump Down Services         \$         \$         7,759         \$           8300,240         Pump Down Services         \$         \$         4,6333         \$           8300,250         Downhole Rental Equip         \$         \$         4,6333         \$           8300,270         Frace Equipment         \$         \$         1,080,010         \$           8300,271         Coll Tubing         \$         \$         9,6749         \$           8300,271         Frace Sand         \$         \$         9,6749         \$           8300,276         Safety & Environmental         \$         \$         3,473         \$           8300,276         Consulting Services         \$         \$         1,1893         \$           8300,276         Consulting Services         \$         \$         1,1679         \$           8300,276         Consulting Services         \$         \$	- - - - - - - - - - - - - -	\$ 12,1 \$ 5,7 \$ 19,0 \$ 77,5
8300.229         Transportation         \$         \$         5.263         \$           8300.232         Disposal         \$         \$         \$         19.004         \$           8300.240         Pump Down Services         \$         \$         \$         77.359         \$           8300.260         Downhoed Rental Equip         \$         \$         43.33         \$           8300.270         Frac - Equipment         \$         \$         1,080.940         \$           8300.271         Coll Tubing         \$         \$         10,09.940         \$           8300.273         Flowback         \$         \$         96.744         \$           8300.275         Frac - Sand         \$         \$         96.744         \$           8300.273         Routabouts         \$         \$         3.473         \$           8300.273         Routabouts         \$         \$         1.679         \$           8300.273         Routabouts         \$         \$         1.679         \$           8300.273         Consulting Services         \$         \$         1.679         \$           8300.273         Consulting Services         \$         \$	- - - - - - - - - - - - - - -	\$ 5,7 \$ 19,1 \$ 77,5
8300.232         Disposal         \$         \$         19.004         \$           8300.240         Pump Down Services         \$         \$         77.359         \$           8300.246         Mancamp         \$         \$         28.165         \$           8300.270         Downhole Rental Equip         \$         \$         48.303         \$           8300.271         Coll Tubing         \$         \$         10.06.910         \$           8300.271         Coll Tubing         \$         \$         10.06.910         \$           8300.272         Frace Equipment         \$         \$         9.07.49         \$           8300.275         Frace Sand         \$         \$         9.07.49         \$           8300.276         Consulting Services         \$         \$         9.07.49         \$           8300.277         Consulting Services         \$         \$         11.833         \$           8300.277         Consulting Services         \$         \$         3.0.179         \$           8300.277         Consulting Services         \$         \$         3.0.179         \$           8300.277         Consulting Services         \$         \$         3.0.10	- - - - - - - - - - -	\$ 19,0 \$ 77,5
8300.240         Pump Down Services         \$         \$         77.369         \$           8300.248         Mancamp         \$         \$         28.165         \$           8300.250         Downhole Rental Equip         \$         \$         4.6.338         \$           8300.270         Frace-Equipment         \$         \$         1.080.301         \$           8300.271         Coll Tubing         \$         \$         1.07.388         \$           8300.271         Flowback         \$         \$         9.07.788         \$           8300.271         Flowback         \$         \$         9.07.78         \$           8300.272         Flowback         \$         \$         9.07.78         \$           8300.276         Safely & Envinonmental         \$         \$         3.47.3         \$           8300.278         Roustabouts         \$         \$         3.1.579         \$           8300.271         Completions Overhead         \$         \$         3.0.00         \$           8300.278         Roustabouts         \$         \$         3.0.00         \$         \$           10tardity         \$         \$         \$         \$         3.	- - - - - - - - - -	\$ 77,3
8300,248         Mancamp         \$         \$         28,0165         \$           8300,250         Downloke Rental Equip         \$         \$         46,338         \$           8300,270         Frac - Equipment         \$         \$         1,080,910         \$           8300,271         Coll Tubing         \$         \$         \$         1,080,910         \$           8300,273         Flowback         \$         \$         \$         26,097         \$           8300,275         Frac - Sand         \$         \$         \$         666,798         \$           8300,276         Safely & Environmental         \$         \$         3,473         \$           8300,277         Consulting Services         \$         118,093         \$         \$           8300,279         Consulting Services         \$         \$         1,579         \$           8300,279         Consulting Services         \$         \$         3,000         \$           10100         \$         S         \$         5,000         \$           101011         Workover Rig         \$         \$         \$         5,000         \$           8320,611         TruckingVacuum/Transportatio	- - - - - - - -	
8300,250Downhole Rental Equip\$\$\$4.6.338\$8300,270Frac - Equipment\$\$1.080,910\$8300,271Coll Tubing\$\$\$1.080,910\$8300,273Flowback\$\$\$2.6.997\$8300,274Water Transfer\$\$\$9.6.749\$8300,275Frac - Sand\$\$\$9.6.749\$8300,276Safety & Environmental\$\$\$3.4.73\$8300,277Consulting Services\$\$1.18.333\$8300,278Routabouts\$\$\$1.6.79\$8300,279Completions Overhead\$\$\$2.6.83\$8300,279Completions Overhead\$\$\$3.0.000\$8300,279Completions Overhead\$\$\$3.0.000\$8300,270Completions Overhead\$\$\$3.0.000\$8300,271Itruck\$\$\$3.0.000\$8300,279Completions Overhead\$\$\$3.0.000\$8300,270Completions Overhead\$\$\$3.0.000\$8320,610Inspection & Testing\$\$\$3.0.000\$8320,611Trucking/Vacuum/Transportation\$\$\$3.0.000\$8320,612Kill Truck\$\$\$\$\$\$\$	- - - - - -	
8300.270Frac - Equipment\$\$1.080.010\$8300.271Coil Tubing\$\$1.07.638\$8300.273Flowback\$\$2.6.9.97\$8300.274Water Transfer\$\$\$9.6.7.98\$8300.275Frac - Sand\$\$\$6.8.7.98\$8300.276Safely & Environmental\$\$\$3.4.73\$8300.277Consulting Services\$\$1.16.9.39\$8300.278Roustabouts\$\$\$1.6.9.9\$8300.279Completions Overhead\$\$\$2.4.63\$8300.279Completions Overhead\$\$\$3.0.00\$8300.279Completions Overhead\$\$\$3.0.00\$8300.279Completions Overhead\$\$\$3.0.00\$8300.279Completions Overhead\$\$\$3.0.00\$8300.271Inspection & Testing\$\$\$3.0.00\$8320.602Fuel / Power\$\$\$\$3.0.00\$8320.610Inspection & Testing\$\$\$3.0.00\$8320.611TruckingVacuum/Transportation\$\$\$3.0.00\$8320.621Rental Equipment\$\$\$\$\$\$\$8320.621Rental Equipment\$\$\$\$\$\$ <td< td=""><td></td><td>\$ 28,</td></td<>		\$ 28,
8300.271Coll Tubing\$\$107.638\$8300.273Flowback\$\$2.6.907\$8300.274Water Transfer\$\$\$9.6.749\$8300.275Frac - Sand\$\$\$8.66.7.98\$\$8300.276Safety & Environmental\$\$\$3.0.73\$8300.277Consulting Services\$\$1.8.93\$\$8300.278Roustabouts\$\$\$1.8.93\$8300.278Roustabouts\$\$\$2.4.63\$8300.279Vordverlead\$\$\$2.4.63\$8300.279Konstowerlead\$\$\$3.0.000\$8300.278Roustabouts\$\$\$3.0.000\$8300.279Konkover Rig\$\$\$3.0.000\$8320.610Inspection & Testing\$\$\$3.0.000\$8320.611Trucking/Vacuum/Transportation\$\$\$3.0.000\$8320.612Kill Truck\$\$\$3.0.000\$\$8320.612Kill Truck\$\$\$\$\$\$\$8320.612Kill Truck\$ </td <td>-</td> <td>\$ 46,3</td>	-	\$ 46,3
BaseFlowbackSS2.6,907S8300.273Water TransferSS96,749S8300.275Frac - SandSS686,789S8300.276Safety & EnvironmentalSS3.4.73S8300.277Consulting ServicesSS118,933S8300.278RoustaboutsSS2.6118,933S8300.279Completions OverheadSS2.6S10008300.279Completions OverheadSS3.0000SIntangible ArtificitVerkover RigSS3.0000S8320.602Workover RigSS3.0000S8320.610Inspection & TestingSS3.0000S8320.611Inspection & TestingSS3.0000S8320.612Kill TruckSS3.0000S8320.612Kill TruckSS3.0000S8320.612Kill TruckSS3.0000S8320.612Kill TruckSS3.0000S8320.612Kill TruckSS3.0000S8320.612Kill TruckSS3.0000S8320.612Kill TruckSS3.0000S8320.612Kill TruckSS3.0000S8320.612Kill TruckSS3.0000S8320.612Kill TruckS	-	\$ 1,080,9
8300.274         Water Transfer         \$         9         9           8300.275         Frac-Sand         \$         6866,789         \$           8300.276         Safety & Environmental         \$         \$         3.4.73         \$           8300.277         Consulting Services         \$         \$         118,933         \$           8300.277         Consulting Services         \$         \$         1.579         \$           8300.278         Roustabouts         \$         \$         2.433         \$           8300.279         Completions Overhead         \$         \$         2.433         \$           Intargible Artificial Lit         \$         \$         0.000         \$         \$         3.0000         \$           8320.602         Workover Rig         \$         \$         5         5.263         \$         \$         3.0000         \$           8320.610         Inspection & Testing         \$         \$         5.000         \$         \$           8320.612         Kill Truck         \$         \$         3.0887         \$         \$           8320.621         Rental Equipment         \$         \$         \$         \$         \$ </td <td>-</td> <td>\$ 107,6</td>	-	\$ 107,6
8300.275Frac - Sand\$68\$6866.788\$8300.276Safety & Environmental\$\$3.473\$8300.277Consulting Services\$\$118.933\$8300.278Roustabouts\$\$1.579\$8300.279Completions Overhead\$\$2.463\$Intangible Artificiation\$\$\$1.610.100\$8300.275Fuel / Power\$\$3.00.000\$8300.279Completions Overhead\$\$3.00.000\$Intangible Artificiation\$\$\$3.00.000\$8300.805Fuel / Power\$\$\$3.00.000\$8302.600Fuel / Power\$\$\$3.00.000\$8302.610Inspection & Testing\$\$\$4.000\$8302.611Tucking/Vacuum/Transportation\$\$3.00.000\$8302.621Kill Truck\$\$\$3.00.000\$8302.621Kill Truck\$\$\$3.00.000\$8302.621Rental Equipment\$\$\$\$\$8302.621Kill Truck\$\$\$\$\$\$8302.625Wellste Supervision\$\$\$\$\$\$8300.625Tucked Water Disposal\$\$\$\$\$\$\$8300.625Tucked Water Disposal\$\$	-	\$ 26,9
8300.276Safety & Environmental\$\$3.4.33\$8300.277Consulting Services\$\$118.93\$8300.278Roustabouts\$\$\$1.5.79\$8300.279Completions Overhead\$\$\$2.4.68\$Intangible ArtificiaCompletions Overhead\$\$\$101.0150\$8320.602Workover Rig\$\$\$30.000\$8320.602Fuel / Power\$\$\$30.000\$8320.601Inspection & Testing\$\$\$30.000\$8320.610Inspection & Testing\$\$\$30.000\$8320.611Trucking/Vacuum/Transportation\$\$\$30.000\$8320.622Kill Truck\$\$\$\$\$\$8320.623Contract Labor/Roustabout\$\$\$\$\$8320.624Rental Equipment\$\$\$\$\$\$8320.625Mellsite Supervision\$\$\$\$\$\$\$830.635Trucking/Vacuum/Transp\$<		\$ 96,
8300.277Consulting Services\$\$118,933\$8300.278Roustabouts\$\$1.579\$8300.279Completions Overhead\$\$\$2.468\$Intengible Artificial Time Section Sect	-	\$ 686,
8300.278Roustabouts\$\$1.579\$8300.279Completions Overhead\$\$\$2.463\$Intangible Artifici*\$\$\$10.1019\$8320.602Workover Rig\$\$\$3.00.000\$8320.605Fuel / Power\$\$\$5.263\$8320.610Inspection & Testing\$\$\$4.000\$8320.611Trucking/Vacuum/Transportation\$\$\$10.000\$8320.612Kill Truck\$\$\$3.00.000\$8320.612Kill Truck\$\$\$5.000\$8320.621Rental Equipment\$\$\$5.000\$8320.621Rental Equipment\$\$\$5.000\$8320.625Vellst Supervision\$\$\$5.000\$8320.625Trucked Water Disposal\$\$\$\$\$8360.815Trucking/Vacuum/Transp\$\$\$\$\$8360.815Trucking/Vacuum/Transp\$\$\$\$\$\$8360.825Rental Equipment\$ </td <td>-</td> <td>\$ 3,4</td>	-	\$ 3,4
Ba300.279Completions Overhead\$\$\$2.4.63\$Intangible Artificier\$ <td< td=""><td>-</td><td>\$ 118,9</td></td<>	-	\$ 118,9
Intangible Artificie         Lift         \$	-	\$ 1,5
8320.602         Workover Rig         \$	-	\$ 2,4
8320.605         Fuel / Power         \$	-	\$ 110,-
8320.610         Inspection & Testing         \$         \$         4.000         \$           8320.611         Trucking/Vacuum/Transportation         \$         \$         10.000         \$           8320.612         Kill Truck         \$         \$         5.000         \$           8320.612         Kill Truck         \$         \$         3.0.887         \$           8320.617         Contract Labor/Roustabout         \$         \$         3.0.887         \$           8320.621         Rental Equipment         \$         \$         3.0.887         \$           8320.625         Wellsite Supervision         \$         \$         5.000         \$           8320.628         Chemicals         \$         \$         5.000         \$           Intargible Flowback         \$         \$         5.000         \$         \$           Intargible Size         Trucked Water Disposal         \$         \$         4.000         \$           18360.805         Trucked Water Recovery         \$         \$         4.001         \$           18360.815         Trucking/Vacuum/Transp         \$         \$         6.0746         \$           18360.820         Well Testing / Flowback         \$ <td>-</td> <td>\$ 30,0</td>	-	\$ 30,0
8320.611         Trucking/Vacuum/Transportation         \$         \$         10.000         \$           8320.612         Kill Truck         \$	-	\$ 5,2
8320.612         Kill Truck         \$	-	\$ 4,0
8320.817         Contract Labor/Roustabout         \$         \$         \$0.807         \$           8320.621         Rental Equipment         \$	-	\$ 10,0
8320.621         Rental Equipment         \$         \$         \$         \$         \$           8320.625         Wellsite Supervision         \$ <td< td=""><td>-</td><td>\$ 5,0</td></td<>	-	\$ 5,0
8320.625         Wellsite Supervision         \$<	-	\$ 30,8
8320.628         Chemicalls         \$	-	\$ 15,0
Intangible Flowback         \$	-	\$ 5,0
8360.805         Trucked Water Disposal         \$         \$         21.464         \$           8360.810         Frac Water Recovery         \$         \$         \$         497.122         \$           8360.810         Trucking/Vacuum/Transp         \$         \$         \$         14.334         \$           8360.820         Well Testing / Flowback         \$         \$         \$         60.746         \$           8360.825         Rental Equipment         \$         \$         \$         90.000         \$           8360.825         Wellsite Supervision         \$         \$         \$         50.400         \$           8360.826         Safety / Environmental         \$         \$         \$         4.400         \$	-	\$ 5,0
8360.810         Frac Water Recovery         \$         497,122         \$           8360.815         Trucking/Vacuum/Transp         \$         \$         14,334         \$           8360.820         Well Testing / Flowback         \$         \$         60,746         \$           8360.825         Rental Equipment         \$         \$         190,000         \$           8360.845         Wellsite Supervision         \$         \$         50,400         \$           8360.850         Safety / Environmental         \$         \$         4,400         \$	-	\$ 838,4
8360.815         Trucking/Vacuum/Transp         \$         \$         14,334         \$           8360.820         Well Testing / Flowback         \$         \$         60,746         \$           8360.825         Rental Equipment         \$         \$         190,000         \$           8360.845         Wellsite Supervision         \$         \$         50,400         \$           8360.850         Safety / Environmental         \$         \$         4,400         \$	-	\$ 21,4
8360.820         Well Testing / Flowback         \$         \$         60,746         \$           8360.825         Rental Equipment         \$         \$         \$190,000         \$           8360.845         Wellste Supervision         \$         \$0,040         \$         \$         \$0,0400         \$           8360.850         Safety / Environmental         \$         \$         \$4,400         \$	-	\$ 497,
8360.825         Rental Equipment         \$         \$         190,000         \$           8360.845         Wellsite Supervision         \$	-	\$ 14,3
8360.825         Rental Equipment         \$         \$         190,000         \$           8360.845         Wellsite Supervision         \$         \$         \$0,400         \$           8360.850         Safety / Environmental         \$         \$         \$4,400         \$	-	\$ 60,
8360.845         Wellsite Supervision         \$         \$         \$0,400         \$           8360.850         Safety / Environmental         \$         \$         \$,4,400         \$	-	\$ 190,0
8360.850         Safety / Environmental         \$         4,400         \$	-	\$ 50,4
	-	\$ 4,4
	330,582	\$ 330,5
8350.403 Roads/Location \$ \$ \$	45,950	
8350.404 Equipment Rental \$ - \$ - \$	19,483	\$ 19,4
8350.410         Transportation/Trucking         \$         -         \$	22,050	
8350.411         Safety & Environmental         \$         \$         \$         \$	8,283	\$ 8,2
8350.415         Engineering / Technical         \$         -         \$         -         \$	26,650	\$ 26,6
8350.416 Supervision \$ - \$ - \$	15,450	
8350.417         Overhead Power Labor         \$         -         \$         -         \$	18,383	\$ 18,
8350.418         Mechanical Labor         \$         -         \$	90,700	
8350.419 Automation Labor \$ - \$ - \$		\$ 13,2
8350.420 Electrical Labor \$ - \$		\$ 48,8
8350.421 Commissioning \$ - \$ - \$	13,233	\$ 2,
8350.422 FlowIne Labor \$ - \$ - \$	13,233 48,800	\$ 19,5
TOTAL INTANGIBLE COSTS >>> \$ 2,889,139 \$ 4,978,290 \$	13,233 48,800 2,300	
	13,233 48,800 2,300 19,300	\$ 10,372,5
S 3 705 105 S 5 512 848 C 1	13,233 48,800 2,300 19,300 <b>330,582</b>	1. 10,372,
\$         3,795,095         \$         5,542,848         \$         1           Drilling         Completion         Facility	13,233 48,800 2,300 19,300 <b>330,582</b> ,034,565	Total



This Authority for Expenditure is based on cost estimates. Billing will reflect your proportionate share of the actual invoice costs.

#### JOINT INTEREST APPROVAL:

Company:

Working Interest:

Signature:

Date:

\_\_\_\_\_

Ву:\_\_\_\_\_



AFE: NM1068

Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #401H Target: 2BS County: Lea State: NM SHL: S22-T20S-R32E 360' FNL, 620' FEL BHL: S27-T20S-R32E 1420' FSL, 825' FEL Projected MD/TVD: 18023/9000 Spud to TD: 12.3 Lateral Length: 8700 Stages: 56 Total Proppant (ppf): 2500 Total Fluid (gal/ft): 3000

# PROJECT DESCRIPTION:

The proposed AFE is for the Thai Curry 22 27 Fed Com #401H, a 1.75 section Bone Spring horizontal well to be drilled in Lea County, NM. The well is a 4 string casing design consisting of the following: 24" surface hole drilled on Fresh to 1500' and 20" 94# J-55 BTC casing will be set and cemented in place; 17.5" hole will then be drilled on Brine to 3200' and a string of 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Fresh to 5200' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 18023' and a string of 5.5" 20# P-110 HC GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$3,807,565
COMPLETIONS:	\$5,542,974
FACILITIES:	\$1,034,565
COMPLETED WELL COST:	\$10,385,104

**OPERATOR APPROVAL:** 



## AFE: NM1068

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #401H	Projected MD/TVD:	18023/9000
Target:	2BS	Spud to TD:	12.3
County:	Lea	Lateral Length:	8700
State:	NM	Stages:	56
SHL:	S22-T20S-R32E 360' FNL, 620' FEL	Total Proppant (ppf):	2500
BHL:	S27-T20S-R32E 1420' FSL, 825' FEL	Total Fluid (gal/ft):	3000

	TANGIBLE COSTS		Drilling	Completion	Facility	Total
Tangible Drilling			\$ 910,166	\$ -	\$-	\$ 910,166
	8400.301	Surface Casing	\$ 139,096	\$ -	\$ -	\$ 139,096
	8400.302	Intrm 1&2 Casing	\$ 331,693	\$ -	\$ -	\$ 331,693
	8400.303	Production Casing	\$ 382,542	\$ -	\$ -	\$ 382,542
	8400.340	Wellhead	\$ 56,835	\$ -	\$ -	\$ 56,835
Tangible Completio	on	*	\$ -	\$ 21,050	\$-	\$ 21,050
	8400.352	Wellhead & Equipment	\$	\$ 21,050	\$ -	\$ 21,050
Tangible Artificial Lift		\$	\$ 543,508	\$ -	\$ 543,508	
	8325.702	Tubing	\$ -	\$ 90,000	\$ -	\$ 90,000
	8325.704	Downhole Artificial Lift Eqpt	\$     -	\$ 350,000	\$ -	\$ 350,000
	8325.705	ESP Equipment/Install	\$ -	\$ 40,000	\$ -	\$ 40,000
	8325.711	Wellhead Equipment	\$ -	\$ 63,508	\$ -	\$ 63,508
Tangible Facility	Tangible Facility		\$	\$	\$ 703,983	\$ 703,983
	8355.500	Vessels	\$	\$       -	\$ 215,817	\$ 215,817
	8355.510	Tanks	\$	\$	\$ 92,483	\$ 92,483
	8355.515	Flare	\$	\$ -	\$ 18,383	\$ 18,383
	8355.520	PVF	\$	\$ -	\$ 107,983	\$ 107,983
	8355.525	Containment	\$ -	\$ -	\$ 18,383	\$ 18,383
	8355.530	Compressors	\$ -	\$ -	\$ 5,517	\$ 5,517
	8355.535	Instrumentation / Meters	\$	\$	\$ 34,433	\$ 34,433
	8355.540	Electrical Supplies	\$	\$ -	\$ 66,750	\$ 66,750
	8355.550	Overhead Power Material	\$	\$	\$ 76,050	\$ 76,050
	8355.555	Pump / Supplies	\$	\$ -	\$ 38,967	\$ 38,967
	8355.565	Flowline	\$ -	\$ -	\$ 29,217	\$ 29,217
	TOTAL T	ANGIBLE COSTS >>>	\$ 910,166	\$ 564,558	\$ 703,983	\$ 2,178,707

1	ITANGIBLE COSTS	Drilling	Completion	Facility	Total
Intangible Drilling		\$ 2,897,400	\$ -	\$ -	\$ 2,897,400
8200.102	Drilling - Daywork	\$ 606,626	\$ -	\$ -	\$ 606,626
8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 128,405
8200.104	Fuel - Rig	\$ 108,098	\$ -	\$ -	\$ 108,098
8200.106	Transportation	\$ 76,974	\$	\$	\$ 76,974
8200.111	Survey, Stake/Permit	\$ 5,263	\$ -	\$ -	\$ 5,263
8200.112	Location & Roads, Conductor	\$ 141,956	\$ -	\$ -	\$ 141,956
8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$ 7,894
8200.114	Disposal	\$ 144,848	\$ -	\$ -	\$ 144,848
8200.115	Mud-Drill Water	\$ 12,656	\$ -	\$	\$ 12,656
8200.116	Drill Bits & BHA	\$ 130,723	\$ -	\$ -	\$ 130,723
8200.117	Mud & Chemicals	\$ 121,699	\$	\$ <del>-</del>	\$ 121,699
8200.119	Mud-Auxiliary	\$ 26,583	\$ -	\$ -	\$ 26,583
8200.124	Equipment Rental	\$ 166,319	\$ -	\$	\$ 166,319
8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,359
8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$ 63,251
8200.128	Drilling - Directional	\$ 241,885	\$ -	\$	\$ 241,885
8200.136	Mudlogging	\$ 9,698	\$ -	\$ -	\$ 9,698
8200.137	Casing Services	\$ 126,258	\$ -	\$	\$ 126,258
8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$ 299,436
8200.143	Geological Services	\$ 13,958	\$ -	\$ -	\$ 13,958
8200.144	Company Supervision	\$ 2,400	\$ <del>-</del>	\$	\$ 2,400
8200.147	Drilling Overhead	\$ 3,751	\$ -	\$ -	\$ 3,751
8200.149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,525
8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$ 7,894
8200.162	Mancamp	\$ 46,231	\$ -	\$ -	\$ 46,231



		·				
	8200.164	Solids Control & Closed Loop	\$ 59,061	\$ -	\$ -	\$ 59,061
	8200.165	Safety/Environmental	\$ 1,764	\$ -	\$ -	\$ 1,764
	8200.167	Consulting Services	\$ 116,199	\$ -	\$ -	\$ 116,199
	8200.168	Roustabout Services	\$ 2,246	\$	\$ -	\$ 2,246
	8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,201
	8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,239
Intangible Completi	ion		\$ -	\$ 4,029,800	\$ -	\$ 4,029,800
	8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,045
	8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,288
	8300.207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,017
	8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,427
	8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,983
	8300.212	Contract Labor	\$ -	\$ 10,678	\$ -	\$ 10,678
	8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,941
	8300.220	Engineering & Supervision	\$ -	\$ 12,630	\$ -	\$ 12,630
	8300.229	Transportation	\$ -	\$ 5,263	\$ -	\$ 5,263
[	8300.232	Disposal	\$ -	\$ 19,004	\$ -	\$ 19,004
	8300.240	Pump Down Services	\$ -	\$ 77,359	\$ -	\$ 77,359
	8300.248	Mancamp	\$ -	\$ 28,165	\$ -	\$ 28,165
[	8300.250	Downhole Rental Equip	s -	\$ 46,338	\$ -	\$ 46,338
	8300.270	Frac - Equipment	s -	\$ 1,080,910	\$ -	\$ 1,080,910
	8300.271	Coil Tubing	s -	\$ 107,764	\$ -	\$ 107,764
	8300.273	Flowback	\$ -	\$ 26,997	\$ -	\$ 26,997
	8300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,749
	8300.275	Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,798
	8300.276	Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,473
	8300.277	Consulting Services	\$ -	\$ 118,933	\$ -	\$ 118,933
	8300.278	Roustabouts	\$ -	\$ 1,579	\$ -	\$ 1,579
	8300.279	Completions Overhead	\$ -	\$ 2,463	\$ -	\$ 2,463
Intangible Artificial	Lift	,	\$ -	\$ 110,150	\$ -	\$ 110,150
	8320.602	Workover Rig	s -	\$ 30,000	\$ -	\$ 30,000
i i	8320.605	Fuel / Power	\$ -	\$ 5,263	\$ -	\$ 5,263
	8320.610	Inspection & Testing	\$ -	\$ 4,000	\$ -	\$ 4,000
	8320.611	Trucking/Vacuum/Transportation	s -	\$ 10,000	\$ -	\$ 10,000
	8320.612	Kill Truck	\$ -	\$ 5,000	\$ -	\$ 5,000
	8320.617	Contract Labor/Roustabout	\$ -	\$ 30,887	\$ -	\$ 30,887
	8320.621	Rental Equipment	\$ -	\$ 15,000	\$ -	\$ 15,000
	8320.625	Wellsite Supervision	\$ -	\$ 5,000	\$ -	\$ 5,000
	8320.628	Chemicals	\$ -	\$ 5,000	\$ -	\$ 5,000
Intangible Flowbac			\$ -	\$ 838,466		\$ 838,466
	8360.805	Trucked Water Disposal	\$ -	\$ 21,464	\$ -	\$ 21,464
i t	8360.810	Frac Water Recovery	\$ -	\$ 497,122	\$ -	\$ 497,122
	8360.815	Trucking/Vacuum/Transp	s -	\$ 14,334	\$ -	\$ 14,334
	8360.820	Well Testing / Flowback	\$	\$ 60,746		\$ 60,746
	8360.825	Rental Equipment	\$	\$ 190,000	\$ -	\$ 190,000
	8360.845	Wellsite Supervision	* \$			\$ 50,400
1 F	8360.850	Safety / Environmental	s -	\$ 4,400		\$ 4,400
Intangible Facility		J	s -	\$ -	\$ 330,582	\$ 330,582
	8350.403	Roads/Location	s -	\$	\$ 45,950	
l ł	8350.404	Equipment Rental	s -	\$	\$ 19,483	\$ 19,483
	8350.410	Transportation/Trucking	\$	\$ -	\$ 22,050	
	8350.411	Safety & Environmental	\$	\$	\$ 8,283	\$ 8,283
	8350.415	Engineering / Technical	\$	\$	\$ 26,650	\$ 26,650
	8350.416	Supervision	s -	\$ -	\$ 15,450	
	8350.417	Overhead Power Labor	s -	s -	\$ 18,383	\$ 18,383
	8350.418	Mechanical Labor	s -	\$	\$ 90,700	
	8350.419	Automation Labor	s -	\$	\$ 13,233	\$ 13,233
	8350.420	Electrical Labor	s -	\$	\$ 48,800	\$ 48,800
	8350.421	Commissioning	s -	\$	\$ 2,300	\$ 2,300
	8350.421	Flowline Labor	s -	\$	\$ 2,300	\$ 19,300
				·		
	TOTAL IN1	FANGIBLE COSTS >>>		\$ 4,978,416 \$ 5,542,974		
		ROJECT COSTS >>>	\$ 2,897,400 \$ 3,807,565 Drilling	\$ 4,978,416 \$ 5,542,974 Completion		\$ 8,206,398 \$ 10,385,104 Total



This Authority for Expenditure is based on cost estimates. Billing will reflect your proportionate share of the actual invoice costs.

#### JOINT INTEREST APPROVAL:

Company:

Working Interest:

Signature:

Date:

\_\_\_\_\_

Ву:\_\_\_\_\_

Page 67 of 147



AFE: NM1069

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #402H
Target:	2BS
County:	Lea
State:	NM
SHL:	S22-T20S-R32E 360' FNL, 680' FEL
BHL:	S27-T20S-R32E 1420' FSL, 1815' FEL

Projected MD/TVD: 18023/9000 Spud to TD: 12.3 Lateral Length: 8700 Stages: 56 Total Proppant (ppf): 2500 Total Fluid (gal/ft): 3000

# PROJECT DESCRIPTION:

The proposed AFE is for the Thai Curry 22 27 Fed Com #402H, a 1.75 section Bone Spring horizontal well to be drilled in Lea County, NM. The well is a 4 string casing design consisting of the following: 24" surface hole drilled on Fresh to 1500' and 20" 94# J-55 BTC casing will be set and cemented in place; 17.5" hole will then be drilled on Brine to 3200' and a string of 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Fresh to 5200' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 18023' and a string of 5.5" 20# P-110 HC GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$3,807,565
COMPLETIONS:	\$5,542,974
FACILITIES:	\$1,034,565
COMPLETED WELL COST:	\$10,385,104

**OPERATOR APPROVAL:** 

Received by OCD: 7/9/2025 8:12:05 AM

# AUTHORIZATION FOR EXPENDITURE

NATURAL RESOURCES

# AFE: NM1069

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #402H	Projected MD/TVD:	18023/9000
Target:	2BS	Spud to TD:	12.3
County:	Lea	Lateral Length:	8700
State:	NM	Stages:	56
SHL:	S22-T20S-R32E 360' FNL, 680' FEL	Total Proppant (ppf):	2500
BHL:	S27-T20S-R32E 1420' FSL, 1815' FEL	Total Fluid (gal/ft):	3000

	TAI	NGIBLE COSTS	Drilling	Completion	Facility	Total
Tangible Drilling			\$ 910,166	\$	- \$ -	\$ 910,166
	8400.301	Surface Casing	\$ 139,096	\$	- \$ -	\$ 139,096
	8400.302	Intrm 1&2 Casing	\$ 331,693	\$	- \$ -	\$ 331,693
	8400.303	Production Casing	\$ 382,542	\$	- \$ -	\$ 382,542
	8400.340	Wellhead	\$ 56,835	\$	- \$ -	\$ 56,835
Tangible Completion	on	*	s -	\$ 21,050	) \$ -	\$ 21,050
	8400.352	Wellhead & Equipment	\$	\$ 21,050	\$ -	\$ 21,050
Tangible Artificial	_ift		\$	\$ 543,508	s -	\$ 543,508
	8325.702	Tubing	\$ -	\$ 90,000	\$ -	\$ 90,000
	8325.704	Downhole Artificial Lift Eqpt	\$	\$ 350,000	\$ -	\$ 350,000
	8325.705	ESP Equipment/Install	s -	\$ 40,000	\$ -	\$ 40,000
	8325.711	Wellhead Equipment	\$ -	\$ 63,508	3 <b>\$</b> -	\$ 63,508
Tangible Facility			\$	\$	- \$ 703,983	\$ 703,983
	8355.500	Vessels	\$ -	\$	- \$ 215,817	\$ 215,817
	8355.510	Tanks	\$ -	\$	- \$ 92,483	\$ 92,483
	8355.515	Flare	\$ -	\$	- \$ 18,383	\$ 18,383
	8355.520	PVF	\$ -	\$	- \$ 107,983	\$ 107,983
	8355.525	Containment	\$	\$	- \$ 18,383	\$ 18,383
	8355.530	Compressors	\$ -	\$	- \$ 5,517	\$ 5,517
	8355.535	Instrumentation / Meters	\$	\$	- \$ 34,433	\$ 34,433
	8355.540	Electrical Supplies	\$ -	\$	\$ 66,750	\$ 66,750
	8355.550	Overhead Power Material	\$	\$	- \$ 76,050	\$ 76,050
	8355.555	Pump / Supplies	s -	\$	- \$ 38,967	\$ 38,967
	8355.565	Flowline	s -	\$	- \$ 29,217	\$ 29,217
	TOTAL T	ANGIBLE COSTS >>>	\$ 910,166	\$ 564,558	\$ 703,983	\$ 2,178,707

II	TANGIBLE COSTS	Drilling	Completion	Facility	Total
Intangible Drilling		\$ 2,897	400 \$	- \$ -	\$ 2,897,400
8200.102	Drilling - Daywork	\$ 606	526 \$	- \$ -	\$ 606,626
8200.103	Drilling - Rig Move	\$ 128	405 \$	- \$ -	\$ 128,405
8200.104	Fuel - Rig	\$ 108	98 \$	- \$ -	\$ 108,098
8200.106	Transportation	\$ 76	974 \$	- \$ -	\$ 76,974
8200.111	Survey, Stake/Permit	\$ 5	263 \$	- \$ -	\$ 5,263
8200.112	Location & Roads, Conductor	\$ 141	956 \$	- \$ -	\$ 141,956
8200.113	Damages/Row	\$ 7	394 \$	- \$ -	\$ 7,894
8200.114	Disposal	\$ 144	348 \$	- \$ -	\$ 144,848
8200.115	Mud-Drill Water	\$ 12	356 \$	- \$ -	\$ 12,656
8200.116	Drill Bits & BHA	\$ 130	723 \$	- \$ -	\$ 130,723
8200.117	Mud & Chemicals	\$ 121	599 \$	- \$ -	\$ 121,699
8200.119	Mud-Auxiliary	\$ 26	583 \$	- \$ -	\$ 26,583
8200.124	Equipment Rental	\$ 166	319 \$	- \$ -	\$ 166,319
8200.125	Inspection	\$ 77	359 \$	- \$ -	\$ 77,359
8200.127	Contract Labor	\$ 63	251 \$	- \$ -	\$ 63,251
8200.128	Drilling - Directional	\$ 241	385 \$	- \$ -	\$ 241,885
8200.136	Mudlogging	\$ 9	598 \$	- \$ -	\$ 9,698
8200.137	Casing Services	\$ 126	258 \$	- \$ -	\$ 126,258
8200.138	Cementing Services	\$ 299	436 \$	- \$ -	\$ 299,436
8200.143	Geological Services	\$ 13	958 \$	- \$ -	\$ 13,958
8200.144	Company Supervision	\$ 2	400 \$	- \$ -	\$ 2,400
8200.147	Drilling Overhead	\$ 3	751 \$	- \$ -	\$ 3,751
8200.149	Legal, Title, Etc	\$ 10	525 \$	- \$ -	\$ 10,525
8200.152	Well Control Ins.	\$ 7	394 \$	- \$ -	\$ 7,894
8200.162	Mancamp	\$ 46	231 \$	- \$ -	\$ 46,231



8000.00         Notional Society         5         2         5         0         0           Istanglab Completor         0         10200         5         0 <th>_</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	_						
200.01         Considing Service         1         11100         0         0         0         0           1200.00         Madeline         2         200.00         0         0         0         0           1200.00         Madeline         1         11220         0         0         0         0         0           1200.00         Madeline         0         1         0         4         0					\$		
BOD100         South S					\$ -		· · · · · · · · · · · · · · · · · · ·
Boolene         Solene         Solene         Solene         Solene           Hangek Egenetic         Nac-Band         Solene         Solene         Solene         Solene         Solene           Hangek Egenetic         Nac-Band         Solene         Solene         Solene         Solene         Solene           Bande Egenetic         Train Note         Solene         Solene         Solene         Solene         Solene           Bande Egenetic         Train Note         Solene         Solene         Solene         Solene         Solene         Solene           Bande Egenetic         Train Note         Solene           Bande Egenetic         Solene		8200.167	Consulting Services	\$ 116,199	\$ -	\$ -	\$ 116,199
Boolood         Boolood <t< th=""><td></td><td></td><td>Roustabout Services</td><td>1</td><td>\$ -</td><td></td><td></td></t<>			Roustabout Services	1	\$ -		
intengible Composition         S         4.0000         S         6.0000         S         6.0000         S         6.0000         S <td></td> <td>8200.169</td> <td>Mud-Brine</td> <td>\$ 25,201</td> <td>\$ -</td> <td>\$ -</td> <td>\$ 25,201</td>		8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,201
805.00         Full         S         S         S         S         S         S           805.00         Charton         S		8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,239
MODELOS         Construction         S	Intangible Completi	ion		\$ -	\$ 4,029,800	\$ -	\$ 4,029,800
#800.27         ensity water         \$         \$         4440.7         \$         \$         \$           #800.211         Contrac fland Equip         \$         \$         25.00.21         \$		8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,045
4900.20         6unceline         5         21.4.2         6         6           600.21         Corport.Labor         5         266.007         6         6           600.22         Corport.Labor         5         26.007         6         20.007           800.22         Corport.Labor         5         22.040         6         20.047           800.22         Transportation         5         2.000         6         2.000           800.22         Transportation         5         6         0.000         6         2.000           800.22         Transportation         5         6         0.000         6         2.000           800.22         Transportation         5         6         0.000         6         2.000           800.227         Transportation         5         6         0.000         6         2.000         2.000         6         2.000		8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,288
		8300.207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,017
9002.12         Consultation         5         10.00         5         5           8002.20         Enjorentry & Sourcein         5         1.6.00         5         5           8002.22         Transportation         5         5         5.000         5         5           8002.22         Transportation         5         5         5.000         5         5           8002.22         Deprovem         5         5         7.739         5         5           8002.20         Deprovem         5         5         2.014         5         5           8002.27         Prove England         5         3         2.014         5         5           8002.27         Prove England         5         3         10.704         5         5           8002.27         Ratesia         5         3         1.017         5         5         2.017           8002.27         Ratesia         5         3         1.017         5         5         2.01         5           8002.27         Ratesia         5         3         3.000         5         5         2.01           8002.27         Ratesia         5         3		8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,427
4 8002.40         6 10002.20         1 Prometing & Supervision         8         9         12.80         8		8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,983
Image: state		8300.212	Contract Labor	\$ -	\$ 10,678	\$ -	\$ 10,678
1990.220         Temperation         5         5         5.253         5         5           800.222         Deposit         5         8         1.00.44         5         5           800.240         Nump Doors Services         5         3         7.00         5		8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,941
Image: state in the s		8300.220	Engineering & Supervision	\$ -	\$ 12,630	\$ -	\$ 12,630
Signed         Signed<		8300.229	Transportation	\$ -	\$ 5,263	\$ -	\$ 5,263
	[	8300.232	Disposal	\$ -	\$ 19,004	\$ -	\$ 19,004
	Ī	8300.240	Pump Down Services	\$ -	\$ 77,359	\$ -	\$ 77,359
800.270         Pine - Equipment         \$         1,000.010         \$         \$         1,000.010           800.271         Coll Tubing         \$         \$         1000.010         \$         \$           800.273         Pine - Equipment         \$         \$         907.017         \$         \$           800.275         Fane - Sand         \$         \$         907.018         \$         \$         \$           800.277         Consulting Services         \$         \$         \$         \$         \$         \$         \$           800.277         Consulting Services         \$         \$         \$         \$         \$         \$         \$           800.277         Consulting Services         \$ <t< th=""><td>l l</td><td>8300.248</td><td>Mancamp</td><td>\$ -</td><td>\$ 28,165</td><td>\$ -</td><td>\$ 28,165</td></t<>	l l	8300.248	Mancamp	\$ -	\$ 28,165	\$ -	\$ 28,165
8300.271         Col Tubiny         \$         \$         107,764         \$         \$         20.07           8500.271         Photeck         \$         20.07         \$         \$         20.07         \$         \$         \$         0.00         \$         <	ľ	8300.250	Downhole Rental Equip	s -	\$ 46,338	\$ -	\$ 46,338
B300.27         Flowbook         \$         2.8.00.27         \$         5         0.8.00.27         \$         5         0.8.00.27         \$         5         0.8.00.27         \$         5         0.8.00.275         \$         5         0.7.00.275         \$		8300.270	Frac - Equipment	s -	\$ 1,080,910	\$ -	\$ 1,080,910
B300274         Water Transfer         \$         9         96.078         \$         96.078         \$         9 <td< th=""><td></td><td>8300.271</td><td>Coil Tubing</td><td>\$ -</td><td>\$ 107,764</td><td>\$ -</td><td>\$ 107,764</td></td<>		8300.271	Coil Tubing	\$ -	\$ 107,764	\$ -	\$ 107,764
8300.276         Piac - Sand         \$         8         9         9         0           8300.276         Safe/s & Environmental         \$         \$         1198.33         \$         \$           8300.277         Consulting Sarvings         \$         \$         1198.33         \$         \$           1Hangible Artificions Contined         \$         \$         \$         1198.33         \$         \$           8320.610         Flade / Poorer         \$         \$         \$         \$         \$         \$           8320.611         Tucking Vacuum / Transportation         \$         \$         \$         \$         \$         \$         \$           8320.612         Kill Tuck         \$         \$         \$         \$         \$         \$         \$         \$           8320.621         Contract tabore/ Resoration         \$         \$ <t< th=""><td></td><td>8300.273</td><td>Flowback</td><td>s -</td><td>\$ 26,997</td><td>\$ -</td><td>\$ 26,997</td></t<>		8300.273	Flowback	s -	\$ 26,997	\$ -	\$ 26,997
Balloy 2/70         Satisfy & Environmental         \$         \$         3.4.73         \$         \$           8300.277         Consultang Services         \$ <td></td> <td>8300.274</td> <td>Water Transfer</td> <td>\$ -</td> <td>\$ 96,749</td> <td>\$ -</td> <td>\$ 96,749</td>		8300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,749
8300.277         Consulting Services         \$         \$         118.033         \$         \$         \$           8300.278         Roustatords         \$         \$         \$         \$         \$           8300.279         Completions Overhead         \$         \$         24.03         \$         \$           100.279         Completions Overhead         \$         \$         24.03         \$         \$           11         11         Tocking Vencover Rig         \$         \$         \$         \$         \$           8320.610         Inspection & Testing         \$         \$         \$         \$         \$         \$           8320.611         Tracking Vacuum Transportation         \$         \$         \$         \$         \$         \$           8320.612         Mental Eugement         \$         \$         \$         \$         \$         \$         \$         \$           8320.622         Chemicals         \$		8300.275	Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,798
8300.278         Roustabouts         \$         \$         1.579         \$         \$           Hangible Artificia         Completions Ownhead         \$         \$         10.408         \$         \$           Intangible Artificia         X         \$         10.408         \$         \$         \$           Intangible Artificia         X         \$         10.000         \$         \$         \$           Intangible Artificia         X         \$         30.000         \$         \$         \$           8320.4010         Inspection & Testing         \$         \$         10.000         \$         \$           8320.411         Traking/incuru/Transportation         \$         \$         5.000         \$         \$           8320.421         Rinia Experivation         \$         \$         5.000         \$         \$           8320.421         Rinia Experivation         \$         \$         5.000         \$         \$           8320.421         Rinia Experivation         \$         \$         \$         \$         \$           8320.422         Welles Supervision         \$         \$         \$         \$         \$         \$         \$           83300	-	8300.276	Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,473
Intangible Artificial Lift         S         S         Query Length         S         S         Completions Overhead         S         S         Completions Overhead         S         S         Completions Overhead         S		8300.277	Consulting Services	\$ -	\$ 118,933	\$ -	\$ 118,933
Intangible Artificial Lift         Vorkover Rig         \$         \$         \$         \$         \$         \$           8320.002         Workover Rig         \$	1	8300.278	Roustabouts	\$ -	\$ 1,579	\$ -	\$ 1,579
B320.802         Workover Rig         \$         \$         \$         \$         \$           B320.805         Fuel / Power         \$         \$         \$         \$         \$         \$           B320.805         Fuel / Power         \$         \$         \$         \$         \$         \$           B320.610         Inspection & Testing         \$         \$         \$         \$         \$         \$           B320.611         Tracking/Vacum/Transportation         \$         \$         \$         \$         \$         \$         \$           B320.621         Kill Truck         \$		8300.279	Completions Overhead	\$ -	\$ 2,463	\$ -	\$ 2,463
B320.605         Fuel / Power         \$	Intangible Artificial	Lift	,	\$ -	\$ 110,150	\$ -	\$ 110,150
8320.610         Inspection & Testing         \$         \$         4.000         \$         \$           8320.611         Trucking/Accum/Transportation         \$         \$         10.000         \$         \$           8320.612         Kill Truck         \$         \$         3.000         \$         \$           8320.612         Kill Truck         \$         \$         3.0087         \$         \$           8320.621         Rental Equipment         \$         \$         5.000         \$         \$           8320.625         Wellistis Supervision         \$         \$         5.000         \$         \$           8320.626         Chemicals         \$         \$         \$         \$         \$         \$           8320.627         Trucked Water Disposal         \$         \$         \$         \$         \$         \$         \$           8380.626         Fract Water Recovery         \$		8320.602	Workover Rig	\$ -	\$ 30,000	\$ -	\$ 30,000
8320.61         Tracking/Vacuum/Transportation         \$         \$         \$         \$         \$         \$           8320.612         Kill Truck         \$	i i	8320.605	Fuel / Power	\$ -	\$ 5,263	\$ -	\$ 5,263
8320.812         Kill Truck         \$		8320.610	Inspection & Testing	\$ -	\$ 4,000	\$ -	\$ 4,000
B320.617         Contract Labor/Roustabout         \$         \$         3.0.887         \$         \$           B320.621         Rental Equipment         \$         \$         \$         \$         \$           B320.628         Vellsitus Supervision         \$         \$         \$         \$         \$           B320.628         Chemicals         \$         \$         \$         \$         \$         \$         \$         \$           B320.628         Chemicals         \$		8320,611	Trucking/Vacuum/Transportation	s -	\$ 10,000	\$ -	\$ 10,000
B320.621         Rental Equipment         \$         \$         15.000         \$         \$           B320.625         Welsite Supervision         \$		8320.612	Kill Truck	\$ -	\$ 5,000	\$ -	\$ 5,000
8320,625         Wellsite Supervision         \$         \$         \$         \$         \$         \$           Intangible Flowback         \$ </th <td></td> <td>8320.617</td> <td>Contract Labor/Roustabout</td> <td>\$ -</td> <td>\$ 30,887</td> <td>\$ -</td> <td>\$ 30,887</td>		8320.617	Contract Labor/Roustabout	\$ -	\$ 30,887	\$ -	\$ 30,887
8320.628         Chemicals         \$         \$         \$         \$         \$         \$           Intangible Flowback         \$	-	8320.621	Rental Equipment	\$ -	\$ 15,000	\$ -	\$ 15,000
Intangible Flowback         \$		8320.625	Wellsite Supervision	\$ -	\$ 5,000	\$ -	\$ 5,000
B360.805         Trucked Water Disposal         \$	-	8320.628		\$ -	\$ 5,000	\$	\$ 5,000
8360.805         Trucked Water Disposal         \$	Intangible Flowbaci						
B360.810         Frac Water Recovery         \$         \$         497,122         \$         \$         \$           B360.815         Trucking/Vacuum/Transp         \$			Trucked Water Disposal	\$ -	\$ 21,464	\$ -	\$ 21,464
8360.815         Trucking/Vacuum/Transp         \$         \$         \$         \$         \$         \$           8360.820         Well Testing / Flowback         \$         \$         60,746         \$         \$         \$           8360.825         Rental Equipment         \$         \$         190,000         \$         \$         \$           8360.845         Wellsite Supervision         \$         \$         \$         \$         \$         \$           8360.850         Safety / Environmental         \$         \$         \$         \$         \$         \$           Intangible Facility         \$ <td< th=""><td></td><td></td><td></td><td>\$ -</td><td></td><td></td><td></td></td<>				\$ -			
B360.820         Well Testing / Flowback         \$ <th< th=""><td>   </td><td></td><td></td><td></td><td></td><td></td><td></td></th<>							
8360.825         Rental Equipment         \$							
8360.845         Wellsite Supervision         \$<			-				
Asso.850         Safety / Environmental         \$         \$         4.400         \$         \$           Intangible Facility         \$         <							
Intangible Facility         \$	-	8360.850		s -			
8350.403         Roads/Location         \$	Intangible Facility		J				
8350.404       Equipment Rental       \$ <td></td> <td>8350.403</td> <td>Roads/Location</td> <td></td> <td></td> <td></td> <td></td>		8350.403	Roads/Location				
8350.410       Transportation/Trucking       \$       <	ŀ						
8350.411       Safety & Environmental       \$ <t< th=""><td>   </td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
8350.415         Engineering / Technical         \$ <th< th=""><td>   </td><td></td><td></td><td></td><td></td><td></td><td></td></th<>							
8350.416         Supervision         \$							
8350.417       Overhead Power Labor       \$							
8350.418         Mechanical Labor         \$			-				
8350.419         Automation Labor         \$							
8350.420         Electrical Labor         \$					·		
8350.421         Commissioning         \$							
8350.422         Flowline Labor         \$							
TOTAL INTANGIBLE COSTS >>>         \$         2,897,400         \$         4,978,416         \$         330,582         \$         8,7           TOTAL PROJECT COSTS >>>         \$         3,807,565         \$         5,542,974         \$         1,034,565         \$         10,103			-				
TOTAL PROJECT COSTS >>> \$ 3,807,565 \$ 5,542,974 \$ 1,034,565 \$ 10,0							
TOTAL PROJECT COSTS >>>							
Uniting Completion Pacifity Total		TOTAL P	ROJECT COSTS >>>				
					Completion	racijity	rota



This Authority for Expenditure is based on cost estimates. Billing will reflect your proportionate share of the actual invoice costs.

#### JOINT INTEREST APPROVAL:

Company:

Working Interest:

Signature:

Date:

\_\_\_\_\_

Ву:\_\_\_\_\_



AFE: NM1070

Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #501H Target: 2BS County: Lea State: NM SHL: S22-T20S-R32E 360' FNL, 580' FEL BHL: S27-T20S-R32E 1420' FSL, 330' FEL Projected MD/TVD: 18623/9600 Spud to TD: 12.5 Lateral Length: 8700 Stages: 56 Total Proppant (ppf): 2500 Total Fluid (gal/ft): 3000

## PROJECT DESCRIPTION:

The proposed AFE is for the Thai Curry 22 27 Fed Com #501H, a 1.75 section Bone Spring horizontal well to be drilled in Lea County, NM. The well is a 4 string casing design consisting of the following: 24" surface hole drilled on Fresh to 1500' and 20" 94# J-55 BTC casing will be set and cemented in place; 17.5" hole will then be drilled on Brine to 3200' and a string of 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Fresh to 5200' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 18623' and a string of 5.5" 20# P-110 HC GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$3,845,155
COMPLETIONS:	\$5,432,232
FACILITIES:	\$1,034,565
COMPLETED WELL COST:	\$10,311,952

**OPERATOR APPROVAL:**


#### AFE: NM1070

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #501H	Projected MD/TVD:	18623/9600
Target:	2BS	Spud to TD:	12.5
County:	Lea	Lateral Length:	8700
State:	NM	Stages:	56
SHL:	S22-T20S-R32E 360' FNL, 580' FEL	Total Proppant (ppf):	2500
BHL:	S27-T20S-R32E 1420' FSL, 330' FEL	Total Fluid (gal/ft):	3000

	TAI	NGIBLE COSTS	Drilling	Completion	Facility	Total
Tangible Drilling	Tangible Drilling		\$ 922,796	\$ -	\$ -	\$ 922,796
	8400.301	Surface Casing	\$ 139,096	\$ -	\$ -	\$ 139,096
	8400.302	Intrm 1&2 Casing	\$ 331,693	\$ -	\$ -	\$ 331,693
	8400.303	Production Casing	\$ 395,172	\$ -	\$ -	\$ 395,172
	8400.340	Wellhead	\$ 56,835	\$	\$	\$ 56,835
Tangible Completion	on	*	s -	\$ 21,050	\$ -	\$ 21,050
	8400.352	Wellhead & Equipment	\$	\$ 21,050	\$       -	\$ 21,050
Tangible Artificial I	Lift		s -	\$ 543,508	\$ -	\$ 543,508
	8325.702	Tubing	\$ -	\$ 90,000	\$ -	\$ 90,000
	8325.704	Downhole Artificial Lift Eqpt	\$	\$ 350,000	\$ -	\$ 350,000
	8325.705	ESP Equipment/Install	\$ -	\$ 40,000	\$ -	\$ 40,000
	8325.711	Wellhead Equipment	\$ -	\$ 63,508	\$ -	\$ 63,508
Tangible Facility			s -	\$ -	\$ 703,983	\$ 703,983
	8355.500	Vessels	\$	\$ <del>-</del>	\$ 215,817	\$ 215,817
	8355.510	Tanks	s <u>-</u>	\$	\$ 92,483	\$ 92,483
	8355.515	Flare	\$ -	\$ -	\$ 18,383	\$ 18,383
	8355.520	PVF	\$	\$	\$ 107,983	\$ 107,983
	8355.525	Containment	\$ -	\$ -	\$ 18,383	\$ 18,383
	8355.530	Compressors	\$ -	\$ <del>-</del>	\$ 5,517	\$ 5,517
	8355.535	Instrumentation / Meters	s -	\$ -	\$ 34,433	\$ 34,433
	8355.540	Electrical Supplies	\$ -	\$ -	\$ 66,750	\$ 66,750
	8355.550	Overhead Power Material	\$         -	\$ -	\$ 76,050	\$ 76,050
	8355.555	Pump / Supplies	s -	\$ -	\$ 38,967	\$ 38,967
	8355.565	Flowline	s -	\$ -	\$ 29,217	\$ 29,217
	TOTAL T	ANGIBLE COSTS >>>	\$ 922,796	\$ 564,558	\$ 703,983	\$ 2,191,337

	INTA	NGIBLE COSTS	Drilling	Completion	Facility	Total
Intangible Drilling	Intangible Drilling		\$ 2,922,360	\$ -	\$ -	\$ 2,922,360
	8200.102	Drilling - Daywork	\$ 617,078	\$ -	\$ -	\$ 617,078
	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	s -	\$ 128,405
	8200.104	Fuel - Rig	\$ 110,320	\$ -	\$ -	\$ 110,320
	8200.106	Transportation	\$ 77,921	\$ -	\$ -	\$ 77,921
	8200.111	Survey, Stake/Permit	\$ 5,263	\$ -	\$ -	\$ 5,263
	8200.112	Location & Roads, Conductor	\$ 141,956	\$ -	\$ -	\$ 141,956
	8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$ 7,894
	8200.114	Disposa	\$ 145,660	\$ -	\$ -	\$ 145,660
	8200.115	Mud-Drill Water	\$ 12,891	\$ -	\$ -	\$ 12,891
	8200.116	Drill Bits & BHA	\$ 131,086	\$ -	\$ -	\$ 131,086
	8200.117	Mud & Chemicals	\$ 122,501	\$ -	\$ -	\$ 122,501
	8200.119	Mud-Auxiliary	\$ 26,744	\$ -	\$ -	\$ 26,744
	8200.124	Equipment Rental	\$ 168,851	\$ -	\$ -	\$ 168,851
	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,359
	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$ 63,251
	8200.128	Drilling - Directional	\$ 244,395	\$ -	\$ -	\$ 244,395
	8200.136	Mudlogging	\$ 9,967	\$ -	\$ -	\$ 9,967
	8200.137	Casing Services	\$ 126,563	\$ -	\$ -	\$ 126,563
	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$ 299,436
	8200.143	Geological Services	\$ 14,063	\$ -	\$ -	\$ 14,063
	8200.144	Company Supervision	\$ 2,400	\$ -	\$ -	\$ 2,400
	8200.147	Drilling Overhead	\$ 3,816	\$ -	\$ -	\$ 3,816
	8200.149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,525
	8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$ 7,894
	8200.162	Mancamp	\$ 46,651	\$ -	\$ -	\$ 46,651



		·				
	8200.164	Solids Control & Closed Loop	\$ 60,011	\$ -	\$ -	\$ 60,011
	8200.165	Safety/Environmental	\$ 1,791	\$ -	\$ -	\$ 1,79
	8200.167	Consulting Services	\$ 117,977	\$ -	\$ -	\$ 117,977
	8200.168	Roustabout Services	\$ 2,252	\$	\$ -	\$ 2,252
	8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,20
	8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,239
Intangible Completi	ion		\$ -	\$ 4,030,179	\$ -	\$ 4,030,179
	8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,045
	8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,288
	8300.207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,017
	8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,427
	8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,983
	8300.212	Contract Labor	\$ -	\$ 10,678	\$ -	\$ 10,678
	8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,947
	8300.220	Engineering & Supervision	\$ -	\$ 12,630	\$ -	\$ 12,630
[	8300.229	Transportation	\$ -	\$ 5,263	\$ -	\$ 5,263
	8300.232	Disposal	\$ -	\$ 19,004	\$ -	\$ 19,004
ĺ	8300.240	Pump Down Services	\$ -	\$ 77,359	\$ -	\$ 77,359
	8300.248	Mancamp	\$ -	\$ 28,165	\$ -	\$ 28,165
	8300.250	Downhole Rental Equip	s -	\$ 46,338	\$ -	\$ 46,338
	8300.270	Frac - Equipment	s -	\$ 1,080,910	\$ -	\$ 1,080,910
	8300.271	Coil Tubing	\$ -	\$ 108,143	\$ -	\$ 108,143
	8300.273	Flowback	s -	\$ 26,997	\$ -	\$ 26,997
	8300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,749
	8300.275	Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,798
	8300.276	Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,473
	8300.277	Consulting Services	\$ -	\$ 118,933	\$ -	\$ 118,933
	8300.278	Roustabouts	\$ -	\$ 1,579	\$ -	\$ 1,579
	8300.279	Completions Overhead	\$ -	\$ 2,463	\$ -	\$ 2,463
Intangible Artificial	Lift	,	\$ -	\$ 110,150	\$ -	\$ 110,150
	8320.602	Workover Rig	\$ -	\$ 30,000	\$ -	\$ 30,000
i i	8320.605	Fuel / Power	\$ -	\$ 5,263	\$ -	\$ 5,263
	8320.610	Inspection & Testing	\$ -	\$ 4,000	\$ -	\$ 4,000
	8320.611	Trucking/Vacuum/Transportation	\$ -	\$ 10,000	\$ -	\$ 10,000
	8320.612	Kill Truck	\$ -	\$ 5,000	\$ -	\$ 5,000
	8320.617	Contract Labor/Roustabout	\$ -	\$ 30,887	\$ -	\$ 30,887
	8320.621	Rental Equipment	\$ -	\$ 15,000	\$ -	\$ 15,000
	8320.625	Wellsite Supervision	\$ -	\$ 5,000	\$ -	\$ 5,000
	8320.628	Chemicals	\$ -	\$ 5,000	\$ -	\$ 5,000
Intangible Flowbac	k		\$ -	\$ 727,345	\$ -	\$ 727,345
	8360.805	Trucked Water Disposal	\$ -	\$ 21,464	\$ -	\$ 21,464
i i	8360.810	Frac Water Recovery	\$ -	\$ 386,001	\$ -	\$ 386,001
	8360.815	Trucking/Vacuum/Transp	\$ -	\$ 14,334	\$ -	\$ 14,334
	8360.820	Well Testing / Flowback	\$ -	\$ 60,746	\$ -	\$ 60,746
	8360.825	Rental Equipment	\$ -	\$ 190,000	\$ -	\$ 190,000
	8360.845	Wellsite Supervision	s -	\$ 50,400	\$ -	\$ 50,400
	8360.850	Safety / Environmental	\$ -	\$ 4,400	\$ -	\$ 4,400
Intangible Facility		,	\$ -	\$ -	\$ 330,582	\$ 330,582
	8350.403	Roads/Location	\$ -	\$ -	\$ 45,950	\$ 45,950
	8350.404	Equipment Rental	\$ -	\$ -	\$ 19,483	\$ 19,483
	8350.410	Transportation/Trucking	\$ -	\$ -	\$ 22,050	\$ 22,050
	8350.411	Safety & Environmental	\$ -	\$ -	\$ 8,283	\$ 8,283
	8350.415	Engineering / Technical	\$ -	\$ -	\$ 26,650	\$ 26,650
	8350.416	Supervision	\$ -	\$ -	\$ 15,450	\$ 15,450
	8350.417	Overhead Power Labor	\$ -	\$ -	\$ 18,383	\$ 18,383
	8350.418	Mechanical Labor	s -	\$ -	\$ 90,700	\$ 90,700
	8350.419	Automation Labor	\$ -	\$ -	\$ 13,233	\$ 13,233
	8350.420	Electrical Labor	s -	\$ -	\$ 48,800	\$ 48,800
	8350.421	Commissioning	s -	\$ -	\$ 2,300	\$ 2,300
ŀ	8350.422	Flowline Labor	s -	\$ -	\$ 19,300	\$ 19,300
		ANGIBLE COSTS >>>		\$ 4,867,674		\$ 8,120,616
		ROJECT COSTS >>>			\$ 1,034,565 Facility	



This Authority for Expenditure is based on cost estimates. Billing will reflect your proportionate share of the actual invoice costs.

#### JOINT INTEREST APPROVAL:

Company:

Working Interest:

Signature:

Date:

\_\_\_\_\_

Ву:\_\_\_\_\_



AFE: NM1071

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #502H
Target:	2BS
County:	Lea
State:	NM
SHL:	S22-T20S-R32E 360' FNL, 640' FEL
BHL:	S27-T20S-R32E 1420' FSL, 1320' FEL

Projected MD/TVD: 18623/9600 Spud to TD: 12.5 Lateral Length: 8700 Stages: 56 Total Proppant (ppf): 2500 Total Fluid (gal/ft): 3000

#### PROJECT DESCRIPTION:

The proposed AFE is for the Thai Curry 22 27 Fed Com #502H, a 1.75 section Bone Spring horizontal well to be drilled in Lea County, NM. The well is a 4 string casing design consisting of the following: 24" surface hole drilled on Fresh to 1500' and 20" 94# J-55 BTC casing will be set and cemented in place; 17.5" hole will then be drilled on Brine to 3200' and a string of 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Fresh to 5200' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 18623' and a string of 5.5" 20# P-110 HC GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$3,845,155
COMPLETIONS:	\$5,432,232
FACILITIES:	\$1,034,565
COMPLETED WELL COST:	\$10,311,952

**OPERATOR APPROVAL:** 



#### AFE: NM1071

Date: February 12, 2025

Well Name	:Thai Curry 22 27 Fed Com #502H	Projected MD/TVD:	18623/9600
Target	: 2BS	Spud to TD:	12.5
County	: Lea	Lateral Length:	8700
State	: NM	Stages:	56
SHL	: S22-T20S-R32E 360' FNL, 640' FEL	Total Proppant (ppf):	2500
BHL	: S27-T20S-R32E 1420' FSL, 1320' FEL	Total Fluid (gal/ft):	3000

TANGIBLE COSTS		Drilling	Completion	Facility	Total	
Tangible Drilling		\$ 922,796	\$ -	\$ -	\$ 922,796	
	8400.301	Surface Casing	\$ 139,096	\$ -	\$ -	\$ 139,096
	8400.302	Intrm 1&2 Casing	\$ 331,693	\$ -	\$ -	\$ 331,693
	8400.303	Production Casing	\$ 395,172	\$ -	\$	\$ 395,172
	8400.340	Wellhead	\$ 56,835	\$ -	\$	\$ 56,835
Tangible Completi	on	· ·	\$	\$ 21,050	\$ -	\$ 21,050
	8400.352	Wellhead & Equipment	\$ -	\$ 21,050	\$        -	\$ 21,050
Tangible Artificial	Lift		\$ .	\$ 543,508	\$ -	\$ 543,508
	8325.702	Tubing	\$ .	\$ 90,000	\$ -	\$ 90,000
	8325.704	Downhole Artificial Lift Eqpt	\$ .	\$ 350,000	\$	\$ 350,000
	8325.705	ESP Equipment/Install	\$ -	\$ 40,000	\$ -	\$ 40,000
	8325.711	Wellhead Equipment	\$ -	\$ 63,508	\$ -	\$ 63,508
Tangible Facility			\$ -	\$ -	\$ 703,983	\$ 703,983
	8355.500	Vessels	\$ ·	- \$ -	\$ 215,817	\$ 215,817
	8355.510	Tanks	\$ -	- \$	\$ 92,483	\$ 92,483
	8355.515	Flare	\$ -	\$ -	\$ 18,383	\$ 18,383
	8355.520	PVF	\$ -	\$ -	\$ 107,983	\$ 107,983
	8355.525	Containment	\$	\$ -	\$ 18,383	\$ 18,383
	8355.530	Compressors	\$ -	\$ -	\$ 5,517	\$ 5,517
	8355,535	Instrumentation / Meters	\$ -	- \$	\$ 34,433	\$ 34,433
	8355.540	Electrical Supplies	\$ .	\$ -	\$ 66,750	\$ 66,750
	8355.550	Overhead Power Material	\$	\$ -	\$ 76,050	\$ 76,050
	8355.555	Pump / Supplies	\$	\$ -	\$ 38,967	\$ 38,967
	8355.565	Flowline	\$	\$ -	\$ 29,217	\$ 29,217
	TOTAL T	ANGIBLE COSTS >>>	\$ 922,796	\$ 564,558	\$ 703,983	\$ 2,191,337

	INTA	NGIBLE COSTS	Drilling	Completion	Facility	Total
Intangible Drilling	Intangible Drilling		\$ 2,922,360	\$ -	\$ -	\$ 2,922,360
	8200.102	Drilling - Daywork	\$ 617,078	\$ -	\$ -	\$ 617,078
I T	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 128,405
[	8200.104	Fuel - Rig	\$ 110,320	\$ -	\$ -	\$ 110,320
[	8200.106	Transportation	\$ 77,921	\$ -	\$ -	\$ 77,921
	8200.111	Survey, Stake/Permit	\$ 5,263	\$ -	\$ -	\$ 5,263
	8200.112	Location & Roads, Conductor	\$ 141,956	\$ -	\$ -	\$ 141,956
Ι Γ	8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$ 7,894
	8200.114	Disposal	\$ 145,660	\$ -	\$ -	\$ 145,660
Ι Γ	8200.115	Mud-Drill Water	\$ 12,891	\$ -	\$ -	\$ 12,891
[	8200.116	Drill Bits & BHA	\$ 131,086	\$ -	\$ -	\$ 131,086
Ι Γ	8200.117	Mud & Chemicals	\$ 122,501	\$ -	\$ -	\$ 122,501
[	8200.119	Mud-Auxiliary	\$ 26,744	\$	\$ -	\$ 26,744
[	8200.124	Equipment Rental	\$ 168,851	\$ -	\$ -	\$ 168,851
	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,359
[	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$ 63,251
	8200.128	Drilling - Directional	\$ 244,395	\$ -	\$ -	\$ 244,395
I [	8200.136	Mudlogging	\$ 9,967	\$ -	\$ -	\$ 9,967
	8200.137	Casing Services	\$ 126,563	\$ -	\$ -	\$ 126,563
	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$ 299,436
	8200.143	Geological Services	\$ 14,063	\$ -	\$ -	\$ 14,063
	8200.144	Company Supervision	\$ 2,400	s -	\$ -	\$ 2,400
	8200.147	Drilling Overhead	\$ 3,816	\$ -	\$ -	\$ 3,816
[	8200.149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,525
	8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$ 7,894
[	8200.162	Mancamp	\$ 46,651	\$ -	\$ -	\$ 46,651



-						
	8200.164	Solids Control & Closed Loop	\$ 60,011	\$ -	\$	\$ 60,011
	8200.165	Safety/Environmental	\$ 1,791	\$ -	\$ -	\$ 1,79
	8200.167	Consulting Services	\$ 117,977	\$ -	\$ -	\$ 117,977
Ļ	8200.168	Roustabout Services	\$ 2,252	\$	\$	\$ 2,252
	8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,20
	8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,239
Intangible Completi	on		\$ -	\$ 4,030,179	\$	\$ 4,030,179
	8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,045
	8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,288
	8300.207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,017
	8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,427
	8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,983
	8300.212	Contract Labor	\$ -	\$ 10,678	\$ -	\$ 10,678
	8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,947
	8300.220	Engineering & Supervision	\$ -	\$ 12,630	\$ -	\$ 12,630
l	8300.229	Transportation	\$ -	\$ 5,263	\$ -	\$ 5,263
	8300.232	Disposa	\$ -	\$ 19,004	\$ -	\$ 19,004
	8300.240	Pump Down Services	\$ -	\$ 77,359	\$ -	\$ 77,359
	8300.248	Mancamp	\$ -	\$ 28,165	\$ -	\$ 28,165
Γ	8300.250	Downhole Rental Equip	\$ -	\$ 46,338	\$ -	\$ 46,338
l l	8300.270	Frac - Equipment	\$ -	\$ 1,080,910	\$ -	\$ 1,080,910
	8300.271	Coil Tubing	\$ -	\$ 108,143	\$     -	\$ 108,143
l l	8300.273	Flowback	s -	\$ 26,997	\$ -	\$ 26,997
	8300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,749
	8300.275	Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,798
	8300.276	Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,473
Γ	8300.277	Consulting Services	\$ -	\$ 118,933	\$ -	\$ 118,933
Γ	8300.278	Roustabouts	\$ -	\$ 1,579	\$ -	\$ 1,579
	8300.279	Completions Overhead	\$ -	\$ 2,463	\$ -	\$ 2,463
Intangible Artificial	Lift		\$ -	\$ 110,150	\$ -	\$ 110,150
	8320.602	Workover Rig	\$ -	\$ 30,000	\$ -	\$ 30,000
Γ	8320.605	Fuel / Power	\$ -	\$ 5,263	\$ -	\$ 5,263
	8320.610	Inspection & Testing	\$ -	\$ 4,000	\$ -	\$ 4,000
	8320.611	Trucking/Vacuum/Transportation	\$ -	\$ 10,000	\$ -	\$ 10,000
	8320.612	Kill Truck	\$ -	\$ 5,000	\$ -	\$ 5,000
	8320.617	Contract Labor/Roustabout	\$ -	\$ 30,887	\$ -	\$ 30,887
Γ	8320.621	Rental Equipment	\$ -	\$ 15,000	\$ -	\$ 15,000
ſ	8320.625	Wellsite Supervision	\$ -	\$ 5,000	\$ -	\$ 5,000
	8320.628	Chemicals	\$ -	\$ 5,000	\$ -	\$ 5,000
Intangible Flowback	< .		\$ -	\$ 727,345	\$ -	\$ 727,345
	8360.805	Trucked Water Disposal	\$ -	\$ 21,464	\$ -	\$ 21,464
	8360.810	Frac Water Recovery	\$ -	\$ 386,001	\$ -	\$ 386,001
	8360.815	Trucking/Vacuum/Transp	\$ -	\$ 14,334	\$ -	\$ 14,334
[	8360.820	Well Testing / Flowback	\$ -	\$ 60,746	\$ -	\$ 60,746
[	8360.825	Rental Equipment	\$ -	\$ 190,000	\$ -	\$ 190,000
	8360.845	Wellsite Supervision	\$ -	\$ 50,400	\$ -	\$ 50,400
	8360.850	Safety / Environmental	\$ -	\$ 4,400	\$ -	\$ 4,400
Intangible Facility			\$ -	\$ -	\$ 330,582	\$ 330,582
	8350.403	Roads/Location	\$ -	\$ -	\$ 45,950	\$ 45,950
[	8350.404	Equipment Rental	\$ -	\$ -	\$ 19,483	\$ 19,483
l l	8350.410	Transportation/Trucking	\$ -	\$ -	\$ 22,050	\$ 22,050
[	8350.411	Safety & Environmental	\$ -	\$ -	\$ 8,283	\$ 8,283
l [	8350.415	Engineering / Technical	\$ -	\$ -	\$ 26,650	\$ 26,650
	8350.416	Supervision	\$ -	\$ -	\$ 15,450	\$ 15,450
l l	8350.417	Overhead Power Labor	\$ -	\$ -	\$ 18,383	\$ 18,383
	8350.418	Mechanical Labor	\$ -	\$ -	\$ 90,700	\$ 90,700
ſ	8350.419	Automation Labor	\$ -	\$ -	\$ 13,233	\$ 13,233
ſ	8350.420	Electrical Labor	\$ -	\$ -	\$ 48,800	\$ 48,800
ſ	8350.421	Commissioning	\$ -	\$ -	\$ 2,300	\$ 2,300
	8350.422	Flowline Labor	\$ -	\$ -	\$ 19,300	\$ 19,300
````	TOTAL INT	ANGIBLE COSTS >>>	\$ 2,922,360	\$ 4,867,674	\$ 330,582	\$ 8,120,616
	TOTAL		\$ 3,845,155	\$ 5,432,232	\$ 1,034,565	\$ 10,311,952
	TOTALP	ROJECT COSTS >>>	Drilling	Completion	Facility	Tota



This Authority for Expenditure is based on cost estimates. Billing will reflect your proportionate share of the actual invoice costs.

#### JOINT INTEREST APPROVAL:

Company:

Working Interest:

Signature:

Date:

\_\_\_\_\_

Ву:\_\_\_\_\_



AFE: NM1072

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #503H
Target:	2BS
County:	Lea
State:	NM
SHL:	S22-T20S-R32E 360' FNL, 720' FEL
BHL:	S27-T20S-R32E 1420' FSL, 2310' FEL

Projected MD/TVD: 18623/9600 Spud to TD: 12.5 Lateral Length: 8700 Stages: 56 Total Proppant (ppf): 2500 Total Fluid (gal/ft): 3000

#### PROJECT DESCRIPTION:

The proposed AFE is for the Thai Curry 22 27 Fed Com #503H, a 1.75 section Bone Spring horizontal well to be drilled in Lea County, NM. The well is a 4 string casing design consisting of the following: 24" surface hole drilled on Fresh to 1500' and 20" 94# J-55 BTC casing will be set and cemented in place; 17.5" hole will then be drilled on Brine to 3200' and a string of 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Fresh to 5200' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 18623' and a string of 5.5" 20# P-110 HC GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$3,845,155
COMPLETIONS:	\$5,432,232
FACILITIES:	\$1,034,565
COMPLETED WELL COST:	\$10,311,952

**OPERATOR APPROVAL:** 



#### AFE: NM1072

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #503H	Projected MD/TVD:	18623/9600
Target:	2BS	Spud to TD:	12.5
County:	Lea	Lateral Length:	8700
State:	NM	Stages:	56
SHL:	S22-T20S-R32E 360' FNL, 720' FEL	Total Proppant (ppf):	2500
BHL:	S27-T20S-R32E 1420' FSL, 2310' FEL	Total Fluid (gal/ft):	3000

	TA	NGIBLE COSTS	Drilling	Completion	Facility	Total
Tangible Drilling			\$ 922,796	\$	- \$ -	\$ 922,796
	8400.301	Surface Casing	\$ 139,096	\$	- \$ -	\$ 139,096
	8400.302	Intrm 1&2 Casing	\$ 331,693	\$	- \$ -	\$ 331,693
	8400.303	Production Casing	\$ 395,172	\$	- \$ -	\$ 395,172
	8400.340	Wellhead	\$ 56,835	\$	- \$ -	\$ 56,835
Tangible Completio	on	*	s -	\$ 21,05	) \$ <u>-</u>	\$ 21,050
	8400.352	Wellhead & Equipment	\$	\$ 21,050	\$ -	\$ 21,050
Tangible Artificial L	Lift		\$	\$ 543,50	3 \$ -	\$ 543,508
	8325.702	Tubing	\$	\$ 90,000	\$ -	\$ 90,000
	8325.704	Downhole Artificial Lift Eqpt	s -	\$ 350,000	) <b>s</b> -	\$ 350,000
	8325.705	ESP Equipment/Install	\$ -	\$ 40,000	\$ -	\$ 40,000
	8325.711	Wellhead Equipment	\$ -	\$ 63,50	3 \$ -	\$ 63,508
Tangible Facility	Tangible Facility		\$ -	\$	- \$ 703,983	\$ 703,983
	8355.500	Vessels	\$ -	\$	- \$ 215,817	\$ 215,817
	8355.510	Tanks	s -	\$	- \$ 92,483	\$ 92,483
	8355.515	Flare	\$ -	\$	- \$ 18,383	\$ 18,383
	8355.520	PVF	s -	\$	- \$ 107,983	\$ 107,983
	8355.525	Containment	\$ -	\$	- \$ 18,383	\$ 18,383
	8355.530	Compressors	\$ -	\$	- \$ 5,517	\$ 5,517
	8355,535	Instrumentation / Meters	\$ -	\$	- \$ 34,433	\$ 34,433
	8355.540	Electrical Supplies	\$ -	\$	- \$ 66,750	\$ 66,750
	8355.550	Overhead Power Materia	\$ -	\$	- \$ 76,050	\$ 76,050
	8355.555	Pump / Supplies	s -	\$	- \$ 38,967	\$ 38,967
	8355.565	Flowline	\$ -	\$	- \$ 29,217	\$ 29,217
	TOTAL T	ANGIBLE COSTS >>>	\$ 922,796	\$ 564,55	3 \$ 703,983	\$ 2,191,337

INTA	NGIBLE COSTS	Drilling	Completion	Facility	Total
Intangible Drilling	-	\$ 2,922,360	\$ -	\$ -	\$ 2,922,360
8200.102	Drilling - Daywork	\$ 617,078	\$ -	\$ -	\$ 617,078
8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 128,405
8200.104	Fuel - Rig	\$ 110,320	\$ -	\$ -	\$ 110,320
8200.106	Transportation	\$ 77,921	\$ -	\$ -	\$ 77,921
8200.111	Survey, Stake/Permit	\$ 5,263	\$ -	\$ -	\$ 5,263
8200.112	Location & Roads, Conductor	\$ 141,956	\$ -	\$ -	\$ 141,956
8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$ 7,894
8200.114	Disposal	\$ 145,660	\$ -	\$ -	\$ 145,660
8200.115	Mud-Drill Water	\$ 12,891	\$ -	\$ -	\$ 12,891
8200.116	Drill Bits & BHA	\$ 131,086	\$ -	\$ -	\$ 131,086
8200.117	Mud & Chemicals	\$ 122,501	\$	\$	\$ 122,501
8200.119	Mud-Auxiliary	\$ 26,744	\$ -	\$	\$ 26,744
8200.124	Equipment Rental	\$ 168,851	\$ -	\$ -	\$ 168,851
8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,359
8200.127	Contract Labor	\$ 63,251	\$ -	\$	\$ 63,251
8200.128	Drilling - Directional	\$ 244,395	\$ -	\$ -	\$ 244,395
8200.136	Mudlogging	\$ 9,967	\$ -	\$ -	\$ 9,967
8200.137	Casing Services	\$ 126,563	\$ -	\$        -	\$ 126,563
8200.138	Cementing Services	\$ 299,436	\$ -	\$	\$ 299,436
8200.143	Geological Services	\$ 14,063	\$ -	\$	\$ 14,063
8200.144	Company Supervision	\$ 2,400	\$ -	\$	\$ 2,400
8200.147	Drilling Overhead	\$ 3,816	\$ -	\$ -	\$ 3,816
8200,149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,525
8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$ 7,894
8200.162	Mancamp	\$ 46,651	\$ -	\$ -	\$ 46,651



	8200.164					
		Solids Control & Closed Loop	\$ 60,011	\$	\$	\$ 60,011
	8200.165	Safety/Environmental	\$ 1,791	\$ -	\$ -	\$ 1,79
I	8200.167	Consulting Services	\$ 117,977	\$ -	\$ -	\$ 117,97
	8200.168	Roustabout Services	\$ 2,252	\$ -	\$	\$ 2,252
Į	8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,20
	8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,239
Intangible Completi	ion		\$ -	\$ 4,030,179	\$ -	\$ 4,030,179
	8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,045
	8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,288
	8300.207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,017
	8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,427
	8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,983
	8300.212	Contract Labor	\$ -	\$ 10,678	\$ -	\$ 10,678
	8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,94
	8300.220	Engineering & Supervision	\$ -	\$ 12,630	\$ -	\$ 12,630
	8300.229	Transportation	\$ -	\$ 5,263	\$	\$ 5,263
	8300.232	Disposa	\$ -	\$ 19,004	\$ -	\$ 19,004
[	8300.240	Pump Down Services	\$ -	\$ 77,359	\$ -	\$ 77,359
	8300.248	Mancamp	\$ -	\$ 28,165	\$ -	\$ 28,165
ſ	8300,250	Downhole Rental Equip	\$ -	\$ 46,338	\$ -	\$ 46,338
ľ	8300.270	Frac - Equipment	\$ -	\$ 1,080,910	\$ -	\$ 1,080,910
	8300.271	Coil Tubing	\$ -	\$ 108,143	\$ -	\$ 108,143
	8300.273	Flowback	\$ -	\$ 26,997	\$ -	\$ 26,997
ľ	8300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,749
	8300.275	Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,798
	8300.276	Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,473
	8300.277	Consulting Services	\$ -	\$ 118,933	\$ -	\$ 118,933
	8300.278	Roustabouts	\$ -	\$ 1,579	\$ -	\$ 1,579
	8300.279	Completions Overhead	\$ -	\$ 2,463	\$ -	\$ 2,463
Intangible Artificial	Lift	-	\$ -	\$ 110,150	\$ -	\$ 110,150
	8320.602	Workover Rig	s -	\$ 30,000	\$ -	\$ 30,000
	8320.605	Fuel / Power	\$ -	\$ 5,263	\$ -	\$ 5,263
	8320.610	Inspection & Testing	\$ -	\$ 4,000	\$ -	\$ 4,000
	8320.611	Trucking/Vacuum/Transportation	\$ -	\$ 10,000	\$ -	\$ 10,000
	8320.612	Kill Truck	\$ -	\$ 5,000	\$ -	\$ 5,000
	8320.617	Contract Labor/Roustabout	\$ -	\$ 30,887	\$ -	\$ 30,887
	8320.621	Rental Equipment	\$ -	\$ 15,000	\$ -	\$ 15,000
[	8320.625	Wellsite Supervision	\$ -	\$ 5,000	\$ -	\$ 5,000
	8320.628	Chemicals	\$ -	\$ 5,000	\$ -	\$ 5,000
Intangible Flowbac	k		\$ -	\$ 727,345	\$ -	\$ 727,345
	8360.805	Trucked Water Disposal	\$ -	\$ 21,464	\$ -	\$ 21,464
[	8360.810	Frac Water Recovery	\$ -	\$ 386,001	\$ -	\$ 386,001
	8360.815	Trucking/Vacuum/Transp	\$ -	\$ 14,334	\$ -	\$ 14,334
[	8360.820	Well Testing / Flowback	\$ -	\$ 60,746	\$ -	\$ 60,746
Í	8360.825	Rental Equipment	\$ -	\$ 190,000	\$ -	\$ 190,000
l [	8360.845	Wellsite Supervision	\$ -	\$ 50,400	\$ -	\$ 50,400
	8360.850	Safety / Environmental	\$ -	\$ 4,400	\$ -	\$ 4,400
Intangible Facility			\$ -	\$ -	\$ 330,582	\$ 330,582
	8350.403	Roads/Location	\$ -	\$ -	\$ 45,950	\$ 45,950
ĺ	8350.404	Equipment Rental	\$ -	\$ -	\$ 19,483	\$ 19,483
ĺ	8350.410	Transportation/Trucking	\$ -	\$ -	\$ 22,050	\$ 22,050
Ĩ	8350.411	Safety & Environmental	\$ -	\$ -	\$ 8,283	\$ 8,283
ſ	8350,415	Engineering / Technical	\$ -	\$ -	\$ 26,650	\$ 26,650
ſ	8350.416	Supervision	\$ -	\$ -	\$ 15,450	\$ 15,450
ľ	8350.417	Overhead Power Labor	\$ -	\$ -	\$ 18,383	\$ 18,383
F	8350.418	Mechanical Labor	\$ -	\$ -	\$ 90,700	\$ 90,700
	8350.419	Automation Labor	\$ -	\$ -	\$ 13,233	\$ 13,233
	8350.420	Electrical Labor	\$ -	\$ -	\$ 48,800	\$ 48,800
	1		\$ -	\$ -	\$ 2,300	\$ 2,300
	8350.421	Commissioning	° -	* I	φ 2,000	
	8350.421 8350.422	Flowline Labor	s -	\$ -	\$ 19,300	
-	8350.422		\$	\$ -		\$ 19,300
	8350 <u>.</u> 422 TOTAL INT	Flowline Labor	\$	\$ -	\$ 19,300	\$ 19,300



This Authority for Expenditure is based on cost estimates. Billing will reflect your proportionate share of the actual invoice costs.

#### JOINT INTEREST APPROVAL:

Company:

Working Interest:

Signature:

Date:

\_\_\_\_\_

Ву:\_\_\_\_\_

Page 83 of 147



AFE: NM1073

Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #601H Target: 3BS County: Lea State: NM SHL: S22-T20S-R32E 510' FNL, 600' FEL BHL: S27-T20S-R32E 1420' FSL, 330' FEL Projected MD/TVD: 19623/10600 Spud to TD: 12.9 Lateral Length: 8700 Stages: 56 Total Proppant (ppf): 2500 Total Fluid (gal/ft): 3000

#### PROJECT DESCRIPTION:

The proposed AFE is for the Thai Curry 22 27 Fed Com #601H, a 1.75 section Bone Spring horizontal well to be drilled in Lea County, NM. The well is a 4 string casing design consisting of the following: 24" surface hole drilled on Fresh to 1500' and 20" 94# J-55 BTC casing will be set and cemented in place; 17.5" hole will then be drilled on Brine to 3200' and a string of 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Fresh to 5200' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 19623' and a string of 5.5" 20# P-110 HC GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$3,908,212
COMPLETIONS:	\$5,691,556
FACILITIES:	\$1,034,565
COMPLETED WELL COST:	\$10,634,333

**OPERATOR APPROVAL:** 



#### AFE: NM1073

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #601H	Projected MD/TVD:	19623/10600
Target:	3BS	Spud to TD:	12.9
County:	Lea	Lateral Length:	8700
State:	NM	Stages:	56
SHL:	S22-T20S-R32E 510' FNL, 600' FEL	Total Proppant (ppf):	2500
BHL:	S27-T20S-R32E 1420' FSL, 330' FEL	Total Fluid (gal/ft):	3000

TANGIBLE COSTS		Drilling	Completion	Facility	Total	
Tangible Drilling			\$ 943,846	\$ -	\$ -	\$ 943,846
	8400.301	Surface Casing	\$ 139,096	\$ -	\$ -	\$ 139,096
	8400.302	Intrm 1&2 Casing	\$ 331,693	\$ -	\$ -	\$ 331,693
	8400.303	Production Casing	\$ 416,222	\$ -	\$ -	\$ 416,222
	8400.340	Wellhead	\$ 56,835	\$ -	\$ <del>-</del>	\$ 56,835
Tangible Completion	on	*	\$ -	\$ 21,050	\$ -	\$ 21,050
	8400.352	Wellhead & Equipment	\$	\$ 21,050	\$ -	\$ 21,050
Tangible Artificial	Lift		\$ -	\$ 543,508	\$ -	\$ 543,508
	8325.702	Tubing	\$ -	\$ 90,000	\$ -	\$ 90,000
	8325.704	Downhole Artificial Lift Eqpt	\$ -	\$ 350,000	\$ -	\$ 350,000
	8325.705	ESP Equipment/Install	\$ -	\$ 40,000	\$ -	\$ 40,000
	8325.711	Wellhead Equipment	\$ -	\$ 63,508	\$ -	\$ 63,508
Tangible Facility			\$ -	\$ -	\$ 703,983	\$ 703,983
	8355.500	Vessels	\$ -	\$ -	\$ 215,817	\$ 215,817
	8355.510	Tanks	\$ -	\$ -	\$ 92,483	\$ 92,483
	8355.515	Flare	\$ -	\$ -	\$ 18,383	\$ 18,383
	8355.520	PVF	\$ -	\$ -	\$ 107,983	\$ 107,983
	8355.525	Containment	\$ -	\$ -	\$ 18,383	\$ 18,383
	8355.530	Compressors	\$ -	\$ -	\$ 5,517	\$ 5,517
	8355.535	Instrumentation / Meters	\$ -	\$ -	\$ 34,433	\$ 34,433
	8355.540	Electrical Supplies	s -	\$ -	\$ 66,750	\$ 66,750
	8355.550	Overhead Power Material	\$ -	\$ -	\$ 76,050	\$ 76,050
	8355.555	Pump / Supplies	s -	\$ -	\$ 38,967	\$ 38,967
	8355.565	Flowline	\$ -	\$ -	\$ 29,217	\$ 29,217
·'	TOTAL T	ANGIBLE COSTS >>>	\$ 943,846	\$ 564,558	\$ 703,983	\$ 2,212,387

	INTA	ANGIBLE COSTS	Drilling	Completion	Facility	Total
Intangible Drilling			\$ 2,964,366	\$ -	\$ -	\$ 2,964,366
	8200.102	Drilling - Daywork	\$ 634,497	\$ -	\$ -	\$ 634,497
	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	s -	\$ 128,405
	8200.104	Fuel - Rig	\$ 114,022	\$ -	\$ -	\$ 114,022
	8200.106	Transportation	\$ 79,500	\$ -	\$ -	\$ 79,500
	8200.111	Survey, Stake/Permit	\$ 5,263	\$ -	\$ -	\$ 5,263
	8200.112	Location & Roads, Conductor	\$ 141,956	\$ -	\$ -	\$ 141,956
	8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$ 7,894
	8200.114	Disposa	\$ 146,918	\$ -	\$ -	\$ 146,918
	8200.115	Mud-Drill Water	\$ 13,282	\$ -	\$ -	\$ 13,282
	8200.116	Drill Bits & BHA	\$ 131,691	\$ -	\$ -	\$ 131,691
	8200.117	Mud & Chemicals	\$ 123,839	\$ -	\$ -	\$ 123,839
	8200.119	Mud-Auxiliary	\$ 27,013	\$ -	\$ -	\$ 27,013
	8200.124	Equipment Renta	\$ 173,071	\$ -	\$ -	\$ 173,071
	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,359
	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$ 63,251
	8200.128	Drilling - Directional	\$ 249,106	\$ -	\$ -	\$ 249,106
	8200.136	Mudlogging	\$ 10,415	\$ -	\$ -	\$ 10,415
	8200.137	Casing Services	\$ 127,047	\$ -	\$ -	\$ 127,047
	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$ 299,436
	8200.143	Geological Services	\$ 14,238	\$ -	\$ -	\$ 14,238
	8200.144	Company Supervision	\$ 2,400	\$ -	\$ -	\$ 2,400
	8200.147	Drilling Overhead	\$ 3,926	\$ -	\$ -	\$ 3,926
	8200.149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,525
	8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$ 7,894
	8200.162	Mancamp	\$ 47,349	\$ -	\$ -	\$ 47,349



Boole         Balange Sector         S         DAD         S         DAD         S         DAD         S           Boole         Society         Nondisco Derivem         S         DAD	_		·				
2000         Company Service         \$         2020         \$         \$         \$         \$           1000         Markins         \$         2020         \$         \$         \$         \$           10000         Markins         \$         2020         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$<					\$		
<ol> <li></li></ol>			Safety/Environmental		\$		· · · · · · · · · · · · · · · · · · ·
800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000800.000<		8200.167	Consulting Services	\$ 120,940	\$ -	\$ -	\$ 120,940
380010         880010         8         1         6         8         1           IMAGENER         1         0         4         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0			Roustabout Services		\$ -		
binegate complete         5         6         6         6         6         6         6           100200         Locate A Read         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0		8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,201
900:03         rul         \$         1         400:04         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         <		8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,239
M012.00         Loosine A floose         \$         1         4.400.71         \$         4           4301.250         Chemade         \$         3         2.201.07         \$         4           4301.250         Summade         \$         3         2.208.07         \$         2         3         2.208.07         \$         3         2.208.07         \$         3         2.208.07         \$         3         2.208.07         \$         3         2.208.07         \$         3         2.208.07         \$         3         2.208.07         \$         3         2.208.07         \$         3         2.208.07         \$         3         2.208.07         \$         1         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3 <td>Intangible Completi</td> <td>ion</td> <td>•</td> <td>\$ -</td> <td>\$ 4,030,811</td> <td>\$ -</td> <td>\$ 4,030,811</td>	Intangible Completi	ion	•	\$ -	\$ 4,030,811	\$ -	\$ 4,030,811
B00.271         Pash Water         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$		8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,045
800.20         Burnach         \$         \$         25.02.00         Surface Ranta Equip         \$         \$         0.05.00.00         \$         1         2         2           800.210         Contronal lakor         \$         0.01.01         Surface Ranta Equip         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01         \$         0.01.01		8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,288
800.210         bitsop finite Buoj         \$         5         2000000         \$         0         10.0000         \$         \$         \$         2000000         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$		8300.207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,017
800.212         Consert lator         \$         5         5         1007         5         5         1007         5         5         1007         5         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007         5         1007 <td></td> <td>8300.209</td> <td>Chemicals</td> <td>\$ -</td> <td>\$ 251,427</td> <td>\$ -</td> <td>\$ 251,427</td>		8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,427
Image: state         Simple Simpl		8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,983
		8300.212	Contract Labor	\$ -	\$ 10,678	\$ -	\$ 10,678
		8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,941
issol         issol <td< th=""><td></td><td>8300.220</td><td>Engineering &amp; Supervision</td><td>\$ -</td><td>\$ 12,630</td><td>\$ -</td><td>\$ 12,630</td></td<>		8300.220	Engineering & Supervision	\$ -	\$ 12,630	\$ -	\$ 12,630
		8300.229	Transportation	\$ -	\$ 5,263	\$ -	\$ 5,263
800.240         Marcamp         \$         2         2.8.0.28         \$         4.8.0.28         \$         4.8.0.28         \$         4.8.0.28         \$         4.8.0.28         \$         4.8.0.28         \$         4.8.0.28         \$         4.8.0.28         \$         4.8.0.28         \$         4.8.0.28         \$         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5<	[	8300.232	Disposal	\$ -	\$ 19,004	\$ -	\$ 19,004
	Ī	8300.240	Pump Down Services	\$ -	\$ 77,359	\$ -	\$ 77,359
	l l	8300.248	Mancamp	\$ -	\$ 28,165	\$ -	\$ 28,165
	ľ	8300.250	Downhole Rental Equip	\$ -	\$ 46,338	\$ -	\$ 46,338
800.273         Flowback         \$         8         2         807.27         S         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0         5         0.0		8300.270	Frac - Equipment	\$ -	\$ 1,080,910	\$ -	\$ 1,080,910
8300.274         Water Transfer         \$         \$         96.96,74         \$         96.96,74         \$         \$         6.96         \$         \$         6.96         \$         \$         6.90         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$ <td></td> <td>8300.271</td> <td>Coil Tubing</td> <td>\$ -</td> <td>\$ 108,775</td> <td>\$ -</td> <td>\$ 108,775</td>		8300.271	Coil Tubing	\$ -	\$ 108,775	\$ -	\$ 108,775
8300.276         Pinc - Sand         \$         6         0.847,8         \$         5         0.437,7         \$         -         5           8400.277         Consulting Services         \$         1         8         1.873,7         \$         -         5           8300.277         Consulting Services         \$         1         8         1.873,8         \$         \$         1.873,8         \$         \$         1.873,8         \$         \$         1.873,8         \$         \$         1.873,8         \$         \$         1.873,8         \$         \$         1.873,8         \$         \$         \$         1.873,8         \$         \$         1.873,8         \$         \$         1.873,8         \$         \$         1.873,8         \$         \$         1.873,8         \$         \$         1.873,8         \$         \$         1.832,8         \$         \$         1.832,8         \$         1.832,8         \$         \$         1.832,8         \$         \$         1.832,8         \$         \$         1.832,8         \$         \$         1.832,8         \$         \$         1.832,8         \$         \$         1.832,8         \$         \$         \$         1.832,8		8300.273	Flowback	\$ -	\$ 26,997	\$ -	\$ 26,997
8300.270         Safety & Environmental         \$         \$         3.473         \$         \$         11           8300.277         Consultang Services         \$         \$         118.333         \$         \$         \$         11           8300.279         Completions Overhead         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$	-	8300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,749
Base         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S	-	8300.275	Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,798
Base         Routation         \$         \$         1,570         \$         \$           Hangible Artificial Ut         Completions Overhead         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$	-	8300.276	Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,473
Intangible Artificial LIR         Soundary Completions Overhead         S         S         2,448         S         S           Intangible Artificial LIR         S         S         S         110,150         S         S         111           S320,020         Workover Rig         S         S         5,0000         S         S         3           S320,020         Inspection & Testing         S         S         5,0000         S         S         3           S320,021         Inspection & Testing         S         S         5,0000         S         S         1           S320,021         Inspection & Testing         S         S         5,0000         S         S         1           S320,021         Rental Equipment         S         S         5,0000         S         S         1           S320,022         Vehistor Supervision         S         S         5,0000         S         S         1           S320,021         Frace Water Deposal         S         S         5,0000         S         S         1           S320,022         Weblits Supervision         S         S         5,0000         S         S         1           S320,025 </th <td></td> <td>8300.277</td> <td>Consulting Services</td> <td>\$ -</td> <td>\$ 118,933</td> <td>\$ -</td> <td>\$ 118,933</td>		8300.277	Consulting Services	\$ -	\$ 118,933	\$ -	\$ 118,933
Intangible Artificial Lift         \$         \$         \$         \$         110,150         \$         \$         111,150         \$         \$         111,150         \$         \$         111,150         \$         \$         111,150         \$         \$         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3	1	8300.278	Roustabouts	\$ -	\$ 1,579	\$ -	\$ 1,579
B320.802         Workover Rig         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$		8300.279	Completions Overhead	\$ -	\$ 2,463	\$ -	\$ 2,463
B320.065         Fuel / Power         \$         5         5.2.63         \$         4.000         \$           B320.0510         Inspection & Testing         \$         \$         1.0000         \$         \$         \$           B320.0510         Inspection & Testing         \$         \$         1.0000         \$         \$         \$           B320.612         Kill Tuck         \$         \$         \$         5         0.000         \$         \$         \$           B320.621         Rental Equipment         \$         \$         \$         5         0.000         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$	Intangible Artificial	Lift		\$ -	\$ 110,150	\$ -	\$ 110,150
8320.610         Inspection & Testing         \$         4.000         \$         .         \$           8320.611         TruckingVAccum/Transportation         \$         \$         10.000         \$         .         \$         1           8320.612         Kill Truck         \$         \$         5         5.000         \$         .         \$         .           8320.617         Contract Labor/Fourtabout         \$         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         \$         .         .         \$         .<	[	8320.602	Workover Rig	\$ -	\$ 30,000	\$ -	\$ 30,000
8320.611         Trucking/Vacum/Transportation         \$         \$         10,000         \$         \$         \$           8320.612         Kill Truck         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$	i i	8320.605	Fuel / Power	\$ -	\$ 5,263	\$ -	\$ 5,263
AB20.812         Kill Truck         \$         \$         \$         \$         \$         \$           B320.617         Contract Labor/Roustabut         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         3.0.887         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$		8320.610	Inspection & Testing	\$ -	\$ 4,000	\$ -	\$ 4,000
B320.617         Contract Labor/Roustabout         \$         \$         3.0.807         \$         \$         3.0.807         \$         \$         3.0.807         \$         \$         3.0.807         \$         \$         3.0.807         \$         \$         1.0.807         \$         \$         1.0.807         \$         \$         1.0.807         \$         \$         1.0.807         \$         \$         1.0.807         \$         \$         5         5         5         5         5         7         \$         \$         \$         \$         \$         980.035         \$         \$         \$         980.035         \$         \$         980.035         \$         \$         980.035         \$         \$         980.035         \$         \$         980.035         \$         \$         980.035         \$         \$         980.035         \$         \$         980.035         \$         \$         980.035         \$         \$         980.035         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$ <td></td> <td>8320.611</td> <td>Trucking/Vacuum/Transportation</td> <td>\$ -</td> <td>\$ 10,000</td> <td>\$ -</td> <td>\$ 10,000</td>		8320.611	Trucking/Vacuum/Transportation	\$ -	\$ 10,000	\$ -	\$ 10,000
B320.821         Rental Equipment         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$		8320.612	Kill Truck	\$ -	\$ 5,000	\$ -	\$ 5,000
8320.625         Weisite Supervision         \$         \$         \$         \$         \$         \$         \$           Intangible Flowback         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$ <td></td> <td>8320.617</td> <td>Contract Labor/Roustabout</td> <td>\$ -</td> <td>\$ 30,887</td> <td>\$ -</td> <td>\$ 30,887</td>		8320.617	Contract Labor/Roustabout	\$ -	\$ 30,887	\$ -	\$ 30,887
820.628         Chemicals         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$	-	8320.621	Rental Equipment	\$ -	\$ 15,000	\$ -	\$ 15,000
Intangible Flowback         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$		8320.625	Wellsite Supervision	\$ -	\$ 5,000	\$ -	\$ 5,000
Bit Note         Bit Note         State	-	8320.628		\$ -	\$ 5,000	\$	\$ 5,000
8360.805         Trucked Water Disposal         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$	Intangible Flowbaci						
8360.810         Frac Water Recovery         \$         \$         644,694         \$         \$         644           8360.815         Trucking/Vacuum/Transp         \$         \$         14,334         \$         \$         \$         1           8360.820         Well Testing / Flowback         \$         \$         60,746         \$         \$         66           8360.825         Rental Equipment         \$         \$         190,000         \$         \$         \$         19           8360.826         Wellste Supervision         \$         \$         \$         \$         9         \$         \$         \$         9         \$         \$         19           8360.850         Safety / Environmental         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$			Trucked Water Disposal	\$ -	\$ 21,464	\$ -	\$ 21,464
8360.815         Trucking/Vacuum/Transp         \$         \$         14.334         \$         \$         \$         1           8360.820         Well Testing / Flowback         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$ <td></td> <td></td> <td></td> <td>\$ -</td> <td></td> <td></td> <td></td>				\$ -			
B360.820         Well Testing / Flowback         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$ <th< th=""><td>   </td><td></td><td></td><td></td><td></td><td></td><td></td></th<>							
B360.825         Rental Equipment         \$         \$         190,000         \$         \$         199           8300.845         Wellsite Supervision         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$				ļ	· · · · · · · · · · · · · · · · · · ·		
B360.845         Wellsite Supervision         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$<			-				
Intangible Facility         Safety / Environmental         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$							
Intangible Facility         \$         \$         \$         \$         \$         \$         \$         330,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,52         \$         333,51         333,51         333,51         333,51         3333,51         3333,51         3333,51         3333,51         3333,51         3333,51         3333,51         3333,51         3333,51         3333,51         3333,51         3333,51         3333,51         33333,51         33333,51         3333				·			
8350.403         Roads/Location         \$         \$         \$         \$         \$         4           8350.404         Equipment Rental         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$ <td>Intangible Facility</td> <td></td> <td>. ·</td> <td></td> <td></td> <td></td> <td></td>	Intangible Facility		. ·				
8350.404         Equipment Rental         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$		8350.403	Roads/Location				
8350.410         Transportation/Trucking         \$         \$         \$         \$         2.2.050         \$         2.2           8350.411         Safety & Environmental         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         2.2         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$ <td< th=""><td>ŀ</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	ŀ						
8350.411         Safety & Environmental         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$					· · · · · · · · · · · · · · · · · · ·		
8350.415         Engineering / Technical         \$         \$         \$         \$         \$         26,660         \$         2           8350.416         Supervision         \$         \$         \$         \$         \$         \$         15,450         \$         1           8350.416         Supervision         \$         \$         \$         \$         \$         1           8350.417         Overhead Power Labor         \$         \$         \$         \$         \$         \$         \$         1           8350.418         Mechanical Labor         \$         \$         \$         \$         \$         90,700         \$         9           8350.420         Electrical Labor         \$         \$         \$         \$         \$         14           8350.421         Commissioning         \$         \$         \$         \$         \$         \$         4           8350.422         Flowline Labor         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$			<u> </u>				
8350.416         Supervision         \$         \$         \$         \$         \$         15,450         \$         1           8350.417         Overhead Power Labor         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$ <td< th=""><td>   </td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
8350.417         Overhead Power Labor         \$         \$         \$         \$         \$         \$         1           8350.418         Mechanical Labor         \$         \$         \$         \$         \$         90,700         \$         99           8350.419         Automation Labor         \$         \$         \$         \$         \$         90,700         \$         99           8350.419         Automation Labor         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$				ļ	·		
8350.418         Mechanical Labor         \$         \$         \$         \$         90,700         \$         99           8350.419         Automation Labor         \$         -         \$         -         \$         13,233         \$         1           8350.420         Electrical Labor         \$         -         \$         -         \$         48,800         \$         4           8350.421         Commissioning         \$         -         \$         2,300         \$         -           8350.422         Flowline Labor         \$         -         \$         19,300         \$         1           0.000         \$         2,964,366         \$         5,126,998         \$         330,682         \$         8,422           TOTAL INTANGIBLE COSTS>>>         \$         3,908,212         \$         5,691,556         \$         1,034,565         \$         10,63							
8350.419         Automation Labor         \$         \$         \$         \$         13,233         \$         1           8350.420         Electrical Labor         \$         -         \$         48,800         \$         4           8350.421         Commissioning         \$         -         \$         2,300         \$           8350.422         FlowIne Labor         \$         -         \$         19,300         \$         1           TOTAL INTANGIBLE COSTS >>>         \$         2,964,366         \$         5,126,998         \$         330,582         \$         8,422           TOTAL INTANGIBLE COSTS >>>         \$         3,908,212         \$,691,556         \$         1,034,565         \$         10,63							
8350.420         Electrical Labor         \$         \$         \$         \$         48,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$         44,800         \$							
8350.421         Commissioning         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$							
8350.422         Flowline Labor         \$         \$         \$         \$         19,300         \$         1           TOTAL INTANGIBLE COSTS>>>         \$         2,964,366         \$         5,126,998         \$         330,582         \$         8,422           TOTAL INTANGIBLE COSTS>>>         \$         3,908,212         \$         5,691,556         \$         1,034,565         \$         10,63					·		
TOTAL INTANGIBLE COSTS >>>         \$ 2,964,366         \$ 5,126,998         \$ 330,582         \$ 8,42           TOTAL PROJECT COSTS >>>         \$ 3,908,212         \$ 5,691,556         \$ 1,034,565         \$ 10,63			-				
TOTAL PROJECT COSTS >>> \$ 3,908,212 \$ 5,691,556 \$ 1,034,565 \$ 10,63							
TOTAL PROJECT COSTS >>>		TOTALINI					
Urijing Competion Facijity 10taj		TOTAL P	ROJECT COSTS >>>				
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This Authority for Expenditure is based on cost estimates. Billing will reflect your proportionate share of the actual invoice costs.

#### JOINT INTEREST APPROVAL:

Company:

Working Interest:

Signature:

Date:

\_\_\_\_\_

Ву:\_\_\_\_\_



AFE: NM1074

Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #602H Target: 3BS County: Lea State: NM SHL: S22-T20S-R32E 510' FNL, 680' FEL BHL: S27-T20S-R32E 1420' FSL, 825' FEL Projected MD/TVD: 19623/10600 Spud to TD: 12.9 Lateral Length: 8700 Stages: 56 Total Proppant (ppf): 2500 Total Fluid (gal/ft): 3000

#### PROJECT DESCRIPTION:

The proposed AFE is for the Thai Curry 22 27 Fed Com #602H, a 1.75 section Bone Spring horizontal well to be drilled in Lea County, NM. The well is a 4 string casing design consisting of the following: 24" surface hole drilled on Fresh to 1500' and 20" 94# J-55 BTC casing will be set and cemented in place; 17.5" hole will then be drilled on Brine to 3200' and a string of 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Fresh to 5200' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 19623' and a string of 5.5" 20# P-110 HC GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$3,908,212
COMPLETIONS:	\$5,691,556
FACILITIES:	\$1,034,565
COMPLETED WELL COST:	\$10,634,333

**OPERATOR APPROVAL:** 



#### AFE: NM1074

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #602H	Projected MD/TVD:	19623/10600
Target:	3BS	Spud to TD:	12.9
County:	Lea	Lateral Length:	8700
State:	NM	Stages:	56
SHL:	S22-T20S-R32E 510' FNL, 680' FEL	Total Proppant (ppf):	2500
BHL:	S27-T20S-R32E 1420' FSL, 825' FEL	Total Fluid (gal/ft):	3000

	TA	NGIBLE COSTS	Drilling	Completion	Facility	Total
Tangible Drilling			\$ 943,846	\$ -	\$ -	\$ 943,846
	8400.301	Surface Casing	\$ 139,096	\$ -	\$ -	\$ 139,096
	8400.302	Intrm 1&2 Casing	\$ 331,693	\$ -	\$ -	\$ 331,693
	8400.303	Production Casing	\$ 416,222	\$ -	\$ -	\$ 416,222
	8400.340	Wellhead	\$ 56,835	\$ -	\$	\$ 56,835
Tangible Completi	on	<u>^</u>	\$ -	\$ 21,050	\$ -	\$ 21,050
	8400.352	Wellhead & Equipment	\$ -	\$ 21,050	\$ -	\$ 21,050
Tangible Artificial	Lift		\$ -	\$ 543,508	\$ -	\$ 543,508
	8325.702	Tubing	\$ -	\$ 90,000	\$ -	\$ 90,000
	8325.704	Downhole Artificial Lift Eqpt	s -	\$ 350,000	\$ -	\$ 350,000
	8325.705	ESP Equipment/Install	\$ -	\$ 40,000	\$ -	\$ 40,000
	8325.711	Wellhead Equipment	\$ -	\$ 63,508	\$ -	\$ 63,508
Tangible Facility		-^	\$ -	\$	\$ 703,983	\$ 703,983
	8355.500	Vessels	s -	\$ -	\$ 215,817	\$ 215,817
	8355.510	Tanks	\$ -	\$	\$ 92,483	\$ 92,483
	8355.515	Flare	\$ -	\$ -	\$ 18,383	\$ 18,383
	8355.520	PVF	s -	\$ -	\$ 107,983	\$ 107,983
	8355.525	Containment	\$ -	\$ -	\$ 18,383	\$ 18,383
	8355.530	Compressors	\$ -	\$ -	\$ 5,517	\$ 5,517
	8355.535	Instrumentation / Meters	\$	\$ -	\$ 34,433	\$ 34,433
	8355.540	Electrical Supplies	\$ -	\$ -	\$ 66,750	\$ 66,750
	8355.550	Overhead Power Materia	\$ -	\$ -	\$ 76,050	\$ 76,050
	8355.555	Pump / Supplies	\$ -	\$ -	\$ 38,967	\$ 38,967
	8355.565	Flowline	\$ -	\$ -	\$ 29,217	\$ 29,217
	TOTAL 1	ANGIBLE COSTS >>>	\$ 943,846	\$ 564,558	\$ 703,983	\$ 2,212,387

	INTANGIBLE COSTS	Drilling	Completion	Facility		Total
Intangible Drilling		\$ 2,964,366	\$	• \$	- \$	2,964,366
8200.10	2 Drilling - Daywork	\$ 634,497	\$	• \$	- \$	634,497
8200.10	B Drilling - Rig Move	\$ 128,405	\$	· \$	- \$	128,405
8200.10	Fuel - Rig	\$ 114,022	\$	• \$	- \$	114,022
8200.10	Transportation	\$ 79,500	\$	\$	- \$	79,500
8200.11	Survey, Stake/Permit	\$ 5,263	\$	• \$	- \$	5,263
8200.11	2 Location & Roads, Conductor	\$ 141,956	\$	• \$	- \$	141,956
8200.11	3 Damages/Row	\$ 7,894	\$	• \$	- \$	7,894
8200.114	Disposal	\$ 146,918	\$	- \$	- \$	146,918
8200.11	5 Mud-Drill Water	\$ 13,282	\$	• \$	- \$	13,282
8200.11	Drill Bits & BHA	\$ 131,691	\$	- \$	- \$	131,691
8200.11	Mud & Chemicals	\$ 123,839	\$	• \$	- \$	123,839
8200.11	Mud-Auxiliary	\$ 27,013	\$	• \$	- \$	27,013
8200.12	Equipment Rental	\$ 173,071	\$	• \$	- \$	173,071
8200.12	5 Inspection	\$ 77,359	\$	• \$	- \$	77,359
8200.12	Contract Labor	\$ 63,251	\$	- \$	- \$	63,251
8200.12	B Drilling - Directional	\$ 249,106	\$	• \$	- \$	249,106
8200.13	Mudlogging	\$ 10,415	\$	- \$	- \$	10,415
8200.13	Casing Services	\$ 127,047	\$	• \$	- \$	127,047
8200.13	3 Cementing Services	\$ 299,436	\$	• \$	- \$	299,436
8200.14	Geological Services	\$ 14,238	\$	• \$	- \$	14,238
8200.14	Company Supervision	\$ 2,400	\$	· \$	- \$	2,400
8200.14	Drilling Overhead	\$ 3,926	\$	• \$	- \$	3,926
8200.14	) Legal, Title, Etc	\$ 10,525	\$	• \$	- \$	10,525
8200.15	2 Well Control Ins.	\$ 7,894	\$	• \$	- \$	7,894
8200.16	2 Mancamp	\$ 47,349	\$	• \$	- \$	47,349



8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8	200.170 300.203 300.205 300.205 300.207 300.209 300.210 300.212 300.214 300.220 300.229 300.232 300.240 300.248 300.250	Solids Control & Closed Loop Safety/Environmental Consulting Services Roustabout Services Mud-Brine Mud-Diesel Fuel Location & Roads Fresh Water Chemicals Surface Rental Equip Contract Labor Perforating & Plugs Engineering & Supervision Transportation	\$         61,593           \$         1,836           \$         120,940           \$         2,261           \$         2,5201           \$         25,201           \$         120,239           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -	\$	\$ \$ - \$ - \$ - \$ - \$ - \$ 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	\$         61,593           \$         1,836           \$         120,940           \$         2,261           \$         25,201           \$         112,239           \$         4,030,811           \$         482,045           \$         5,288           \$         440,017           \$         251,427
8           Intangible Completion           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8	200.167 200.168 200.169 200.170 300.203 300.205 300.205 300.207 300.209 300.212 300.212 300.212 300.220 300.223 300.223 300.232 300.232 300.248 300.250	Consulting Services Roustabout Services Mud-Brine Mud-Diesel Fuel Location & Roads Fresh Water Chemicals Surface Rental Equip Contract Labor Perforating & Plugs Engineering & Supervision Transportation Disposal	\$     120.940       \$     2,261       \$     25.201       \$     112,239       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -	\$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 120,940 \$ 2,261 \$ 25,201 \$ 112,239 \$ 4,030,811 \$ 482,045 \$ 5,288 \$ 440,017
8           Intangible Completion           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8	200.168 200.169 200.170 300.203 300.205 300.207 300.209 300.210 300.210 300.212 300.224 300.229 300.232 300.232 300.244 300.248 300.246	Roustabout Services Mud-Brine Mud-Diesel Fuel Location & Roads Fresh Water Chemicals Surface Rental Equip Contract Labor Perforating & Plugs Engineering & Supervision Transportation Disposal	\$     2.261       \$     25.201       \$     112,239       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -	\$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 2,261 \$ 25,201 \$ 112,235 \$ 4,030,811 \$ 482,045 \$ 5,286 \$ 440,017
8           Intangible Completion           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8	200.169 200.170 300.203 300.205 300.207 300.209 300.210 300.212 300.212 300.214 300.220 300.229 300.229 300.232 300.240	Mud-Brine Mud-Diesel Fuel Location & Roads Fresh Water Chemicals Surface Rental Equip Contract Labor Perforating & Plugs Engineering & Supervision Transportation Disposal	\$     25,201       \$     112,239       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -	\$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$         25,201           \$         112,235           \$         4,030,811           \$         482,045           \$         5,286           \$         440,017
8           Intangible Completion           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8           8	200.170 300.203 300.205 300.205 300.207 300.209 300.210 300.212 300.214 300.220 300.229 300.232 300.240 300.248 300.250	Mud-Diesel Fuel Location & Roads Fresh Water Chemicals Surface Rental Equip Contract Labor Perforating & Plugs Engineering & Supervision Transportation Disposal	\$ 112,239 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$         -           \$         4,030,811           \$         482,045           \$         5,288           \$         440,017           \$         251,427           \$         265,983	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 112,236 \$ 4,030,811 \$ 482,045 \$ 5,286 \$ 440,017
Intangible Completion	300.203 300.205 300.205 300.209 300.210 300.212 300.214 300.220 300.229 300.232 300.232 300.240 300.248	Fuel Location & Roads Fresh Water Chemicals Surface Rental Equip Contract Labor Perforating & Plugs Engineering & Supervision Transportation Disposal	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$         4,030,811           \$         482,045           \$         5,288           \$         440,017           \$         251,427           \$         265,983	\$ - \$ - \$ - \$ - \$ -	\$         4,030,811           \$         482,045           \$         5,286           \$         440,017
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	300.205           300.207           300.209           300.210           300.212           300.214           300.220           300.229           300.232           300.240           300.248           300.250	Location & Roads Fresh Water Chemicals Surface Rental Equip Contract Labor Perforating & Plugs Engineering & Supervision Transportation Disposal	\$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -	\$ 482,045 \$ 5,288 \$ 440,017 \$ 251,427 \$ 265,983	\$ - \$ - \$ - \$ -	\$ 482,045 \$ 5,288 \$ 440,017
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	300.205           300.207           300.209           300.210           300.212           300.214           300.220           300.229           300.232           300.240           300.248           300.250	Location & Roads Fresh Water Chemicals Surface Rental Equip Contract Labor Perforating & Plugs Engineering & Supervision Transportation Disposal	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 5,288 \$ 440,017 \$ 251,427 \$ 265,983	\$ - \$ - \$ -	\$ 5,288 \$ 440,017
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	300.207           300.209           300.210           300.212           300.214           300.220           300.229           300.232           300.244           300.250	Fresh Water Chemicals Surface Rental Equip Contract Labor Perforating & Plugs Engineering & Supervision Transportation Disposal	\$	\$ 440,017 \$ 251,427 \$ 265,983	\$ \$	\$ 440,017
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	300.209           300.210           300.212           300.214           300.220           300.229           300.232           300.244           300.243	Chemicals Surface Rental Equip Contract Labor Perforating & Plugs Engineering & Supervision Transportation Disposal	\$ \$ \$ \$ -	\$         251,427           \$         265,983	\$	
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	300.210           300.212           300.214           300.220           300.229           300.232           300.240           300.248           300.250	Surface Rental Equip Contract Labor Perforating & Plugs Engineering & Supervision Transportation Disposal	\$ \$ \$	\$ 265,983		\$ 251,427
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	300.212           300.214           300.220           300.229           300.232           300.240           300.248           300.250	Contract Labor Perforating & Plugs Engineering & Supervision Transportation Disposal	\$ \$	· ·	s -	
88 88 88 88 88 88 88 88 88 88	300.214       300.220       300.229       300.232       300.240       300.248       300.250	Perforating & Plugs Engineering & Supervision Transportation Disposal	s -	\$ 10.678	*	\$ 265,983
88 88 88 88 88 88 88 88	300.220         300.229         300.232         300.240         300.248         300.250	Engineering & Supervision Transportation Disposal			\$ -	\$ 10,678
8 8 8 8 8 8 8 8 8	300.229       300.232       300.240       300.248       300.250	Transportation Disposal	\$ -	\$ 259,941	\$ -	\$ 259,941
8 8 8 8 8 8 8 8	300.232 300.240 300.248 300.250	Disposal		\$ 12,630	\$ -	\$ 12,630
8 8 8 8 8 8	300.240 300.248 300.250		\$ -	\$ 5,263	\$ -	\$ 5,263
8 8 8 8	300.248 300.250		\$ -	\$ 19,004	\$ -	\$ 19,004
8 8 8	300.250	Pump Down Services	\$	\$ 77,359	\$ -	\$ 77,359
8		Mancamp	\$ -	\$ 28,165	\$ -	\$ 28,165
8		Downhole Rental Equip	\$ -	\$ 46,338	\$ -	\$ 46,338
	300.270	Frac - Equipment	\$ -	\$ 1,080,910	\$ -	\$ 1,080,910
8	300.271	Coil Tubing	\$ -	\$ 108,775	\$ -	\$ 108,775
	300.273	Flowback	\$ -	\$ 26,997	\$ -	\$ 26,997
8	300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,749
8	300.275	Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,798
8	300.276	Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,473
8	300.277	Consulting Services	\$ -	\$ 118,933	\$ -	\$ 118,933
8	300.278	Roustabouts	\$ -	\$ 1,579	\$ -	\$ 1,579
8	300.279	Completions Overhead	\$ -	\$ 2,463	\$ -	\$ 2,463
Intangible Artificial Lift			s -	\$ 110,150	\$ -	\$ 110,150
8	320.602	Workover Rig	\$ -	\$ 30,000	\$ -	\$ 30,000
8	320.605	Fuel / Power	\$ -	\$ 5,263	\$ -	\$ 5,263
8	320.610	Inspection & Testing	\$ -	\$ 4,000	\$ -	\$ 4,000
8	320.611	Trucking/Vacuum/Transportation	\$ -	\$ 10,000	\$ -	\$ 10,000
8	320.612	Kill Truck	\$ -	\$ 5,000	\$	\$ 5,000
8	320.617	Contract Labor/Roustabout	s -	\$ 30,887	\$ -	\$ 30,887
	320.621	Rental Equipment	\$ -	\$ 15,000	\$ -	\$ 15,000
· · · · · · · · · · · · · · · · · · ·	320.625	Wellsite Supervision	\$ -	\$ 5,000	\$ -	\$ 5,000
· –	320.628	Chemicals	\$ -	\$ 5,000	\$ -	\$ 5,000
Intangible Flowback			\$ -	\$ 986,038	\$	\$ 986,038
	360.805	Trucked Water Disposal	- -	\$ 21,464	\$ -	\$ 21,464
. –	360.810	Frac Water Recovery	\$	\$ 644,694	* \$	\$ 644,694
! <u> </u>	360.815	Trucking/Vacuum/Transp	s -	\$ 14,334	\$	\$ 14,334
		Well Testing / Flowback	\$	\$ 60,746	\$	\$ 60,746
	360.825	Rental Equipment	s -	\$ 190,000	\$	\$ 190,000
!		Wellsite Supervision	3 S			\$ 190,000
	360.850	Safety / Environmental	s -	\$ 50,400 \$ 4,400	\$	\$ 50,400 \$ 4,400
Intangible Facility	000.000	oucly renvironmental	s -	\$ -	\$ 330,582	\$ 330,582
	350.403	Roads/Location	s -	\$		\$ 330,382 \$ 45,950
		Equipment Rental		\$ \$	\$ 19,483	\$ 45,950 \$ 19,483
		Transportation/Trucking	s -	» - \$ -		\$ 22,050
I 0	350.410		s -	» \$	\$ 22,050 \$ 8,283	\$ 22,050 \$ 8,283
		Safety & Environmental	s -	» s	\$ 8,283 \$ 26,650	\$ 8,283 \$ 26,650
		Engineering / Technical Supervision	s -	» - \$ -		\$ 26,650 \$ 15,450
8	350.416	Overhead Power Labor	s -	» s	\$ 15,450 \$ 18,383	\$ 18,383
8			I* -	·	+ 10,383	
8 8 8	350.417		<u>م</u>	18	\$ 00.700	1 ¢ 0.0 700
8 8 8 8	350.417 350.418	Mechanical Labor	\$	\$		
8 8 8 8 8 8	350.417 350.418 350.419	Mechanical Labor Automation Labor	\$	\$ -	\$ 13,233	\$ 13,233
8 8 8 8 8 8 8 8	350.417 350.418 350.419 350.420	Mechanical Labor Automation Labor Electrical Labor	\$ \$	\$ - \$ -	\$ 13,233 \$ 48,800	\$ 13,233 \$ 48,800
8 8 8 8 8 8 8 8 8	350.417 350.418 350.419 350.420 350.421	Mechanical Labor Automation Labor Electrical Labor Commissioning	\$ - \$ - \$ -	\$ \$	\$ 13,233 \$ 48,800 \$ 2,300	\$ 13,233 \$ 48,800 \$ 2,300
8 8 8 8 8 8 8 8 8	350.417       350.418       350.419       350.420       350.421       350.422	Mechanical Labor Automation Labor Electrical Labor Commissioning Flowline Labor	\$ - \$ - \$ - \$ -	\$	\$         13,233           \$         48,800           \$         2,300           \$         19,300	\$ 13,233 \$ 48,800 \$ 2,300 \$ 19,300
8 8 8 8 8 8 8 8 8	350.417       350.418       350.419       350.420       350.421       350.422	Mechanical Labor Automation Labor Electrical Labor Commissioning	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5,126,998	\$         13,233           \$         48,800           \$         2,300           \$         19,300           \$         330,582	\$         13,233           \$         48,800           \$         2,300           \$         19,300           \$         8,421,946
8 8 8 8 8 8 8 8 8 8	350.417 350.418 350.419 350.420 350.421 350.422 TOTAL INTA	Mechanical Labor Automation Labor Electrical Labor Commissioning Flowline Labor	\$ - \$ - \$ - \$ -	\$	\$         13,233           \$         48,800           \$         2,300           \$         19,300           \$         330,582	\$ 13,233 \$ 48,800 \$ 2,300 \$ 19,300



This Authority for Expenditure is based on cost estimates. Billing will reflect your proportionate share of the actual invoice costs.

#### JOINT INTEREST APPROVAL:

Company:

Working Interest:

Signature:

Date:

\_\_\_\_\_

Ву:\_\_\_\_\_



AFE: NM1075

Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #603H Target: 3BS County: Lea State: NM SHL: S22-T20S-R32E 510' FNL, 720' FEL BHL: S27-T20S-R32E 1420' FSL, 2310' FEL Projected MD/TVD: 19623/10600 Spud to TD: 12.9 Lateral Length: 8700 Stages: 56 Total Proppant (ppf): 2500 Total Fluid (gal/ft): 3000

#### PROJECT DESCRIPTION:

The proposed AFE is for the Thai Curry 22 27 Fed Com #603H, a 1.75 section Bone Spring horizontal well to be drilled in Lea County, NM. The well is a 4 string casing design consisting of the following: 24" surface hole drilled on Fresh to 1500' and 20" 94# J-55 BTC casing will be set and cemented in place; 17.5" hole will then be drilled on Brine to 3200' and a string of 13.375" 54.5# J-55 BTC casing will be set and cemented in place; 12.25" hole will then be drilled on Fresh to 5200' and a split string of 9.625" 40# J-55 BTC and 9.625" 40# L-80 HC BTC casing will be set and cemented in place; 8.75" production hole will then be drilled on OBM to 19623' and a string of 5.5" 20# P-110 HC GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

	TOTAL
DRILLING:	\$3,908,212
COMPLETIONS:	\$5,691,556
FACILITIES:	\$1,034,565
COMPLETED WELL COST:	\$10,634,333

**OPERATOR APPROVAL:** 



#### AFE: NM1075

Date: February 12, 2025

Well Name:	Thai Curry 22 27 Fed Com #603H	Projected MD/TVD:	19623/10600
Target:	3BS	Spud to TD:	12.9
County:	Lea	Lateral Length:	8700
State:	NM	Stages:	56
SHL:	S22-T20S-R32E 510' FNL, 720' FEL	Total Proppant (ppf):	2500
BHL:	S27-T20S-R32E 1420' FSL, 2310' FEL	Total Fluid (gal/ft):	3000

	TA	NGIBLE COSTS	Drilling	Γ	Completion	Facility		Total
Tangible Drilling			\$ 943,846	\$	-	\$	-	\$ 943,846
	8400.301	Surface Casing	\$ 139,096	\$	-	\$	-	\$ 139,096
	8400.302	Intrm 1&2 Casing	\$ 331,693	\$	-	\$	-	\$ 331,693
	8400.303	Production Casing	\$ 416,222	\$	-	\$	-	\$ 416,222
	8400.340	Wellhead	\$ 56,835	\$	-	\$	-	\$ 56,835
Tangible Completion		\$ -	\$	21,050	\$	-	\$ 21,050	
	8400.352	Wellhead & Equipment	\$ -	\$	21,050	\$	-	\$ 21,050
Tangible Artificial	Lift		\$ -	\$	543,508	\$	-	\$ 543,508
	8325.702	Tubing	\$ -	\$	90,000	\$	-	\$ 90,000
	8325.704	Downhole Artificial Lift Eqpt	\$ -	\$	350,000	\$	-	\$ 350,000
	8325.705	ESP Equipment/Install	\$ -	\$	40,000	\$	-	\$ 40,000
	8325.711	Wellhead Equipment	\$ -	\$	63,508	\$	-	\$ 63,508
Tangible Facility		\$ -	\$	-	\$ 703,	983	\$ 703,983	
	8355.500	Vessels	\$ -	\$	-	\$ 215,	317	\$ 215,817
	8355.510	Tanks	\$ -	\$	-	\$ 92,-	483	\$ 92,483
	8355.515	Flare	\$ -	\$	-	\$ 18,	383	\$ 18,383
	8355.520	PVF	\$ -	\$	-	\$ 107,	983	\$ 107,983
	8355.525	Containment	\$ -	\$	-	\$ 18,	383	\$ 18,383
	8355.530	Compressors	\$ -	\$	-	\$ 5,:	517	\$ 5,517
	8355,535	Instrumentation / Meters	\$ -	\$	-	\$ 34,-	433	\$ 34,433
	8355.540	Electrical Supplies	\$ -	\$	-	\$ 66,	750	\$ 66,750
	8355.550	Overhead Power Materia	\$ -	\$	-	\$ 76,	050	\$ 76,050
	8355.555	Pump / Supplies	\$ -	\$	-	\$ 38,	967	\$ 38,967
	8355.565	Flowline	\$ -	\$	-	\$ 29,	217	\$ 29,217
	TOTAL 1	ANGIBLE COSTS >>>	\$ 943,846	\$	564,558	\$ 703,	983	\$ 2,212,387

INTA	NGIBLE COSTS	Drilling	Completion	Facility	т	otal
Intangible Drilling	-	\$ 2,964,366	i \$ _	\$ -	\$	2,964,366
8200.102	Drilling - Daywork	\$ 634,497	· \$ -	\$ -	\$	634,497
8200.103	Drilling - Rig Move	\$ 128,405	\$ <del>-</del>	\$ -	\$	128,405
8200.104	Fuel - Rig	\$ 114,022	- \$	\$ -	\$	114,022
8200.106	Transportation	\$ 79,500	\$ -	\$ -	\$	79,500
8200.111	Survey, Stake/Permit	\$ 5,263	\$ -	\$ -	\$	5,263
8200.112	Location & Roads, Conductor	\$ 141,956	i \$ -	\$	\$	141,956
8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$	7,894
8200.114	Disposal	\$ 146,918	\$ <del>-</del>	\$ -	\$	146,918
8200.115	Mud-Drill Water	\$ 13,282	- \$	\$ -	\$	13,282
8200.116	Drill Bits & BHA	\$ 131,691	\$ -	\$ -	\$	131,691
8200.117	Mud & Chemicals	\$ 123,839	\$ <del>-</del>	\$ -	\$	123,839
8200.119	Mud-Auxiliary	\$ 27,013	\$ <del>-</del>	\$	\$	27,013
8200.124	Equipment Rental	\$ 173,071	\$ -	\$	\$	173,071
8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$	77,359
8200.127	Contract Labor	\$ 63,251	\$ -	\$	\$	63,251
8200.128	Drilling - Directional	\$ 249,106	- s	\$ -	\$	249,106
8200.136	Mudlogging	\$ 10,415	- \$	\$ -	\$	10,415
8200.137	Casing Services	\$ 127,047	\$	\$       -	\$	127,047
8200.138	Cementing Services	\$ 299,436	- \$	\$	\$	299,436
8200.143	Geological Services	\$ 14,238	\$ <del>-</del>	\$	\$	14,238
8200.144	Company Supervision	\$ 2,400	\$ <del>-</del>	\$ <del>-</del>	\$	2,400
8200.147	Drilling Overhead	\$ 3,926	i \$ -	\$ -	\$	3,926
8200.149	Legal, Title, Etc	\$ 10,525	- \$	\$ -	\$	10,525
8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$	7,894
8200.162	Mancamp	\$ 47,349	\$ -	\$ -	\$	47,349



8200.164           8200.165           8200.167           8200.169           8200.170           Intangible Completion           8300.203           8300.203           8300.203           8300.203           8300.204           8300.205           8300.206           8300.207           8300.208           8300.209           8300.212           8300.214           8300.220           8300.221           8300.220           8300.221           8300.220           8300.221           8300.220           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221 <t< th=""><th>Solids Control &amp; Closed Loop         Safety/Environmental         Consulting Services         Roustabout Services         Mud-Brine         Mud-Diesel         Fuel         Location &amp; Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating &amp; Plugs         Engineering &amp; Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Fca - Equipment         Coll Tubing         Flowback         Water Transfer</th><th>\$         61,593           \$         1,833           \$         120,944           \$         2,26'           \$         25,20'           \$         25,20'           \$         112,23'           \$         5           \$         5           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$</th><th>36     \$       40     \$       31     \$       331     \$       341     \$       351     \$       362     \$       373     \$       383     \$       393     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$</th><th>\$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$</th><th></th><th>\$         61,593           \$         1,836           \$         120,940           \$         2,261           \$         25,201           \$         25,201           \$         112,239           \$         4,030,811           \$         482,045           \$         5,288           \$         440,017           \$         251,427           \$         265,983           \$         10,678           \$         259,941           \$         12,694</th></t<>	Solids Control & Closed Loop         Safety/Environmental         Consulting Services         Roustabout Services         Mud-Brine         Mud-Diesel         Fuel         Location & Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating & Plugs         Engineering & Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Fca - Equipment         Coll Tubing         Flowback         Water Transfer	\$         61,593           \$         1,833           \$         120,944           \$         2,26'           \$         25,20'           \$         25,20'           \$         112,23'           \$         5           \$         5           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$	36     \$       40     \$       31     \$       331     \$       341     \$       351     \$       362     \$       373     \$       383     \$       393     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$	\$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$		\$         61,593           \$         1,836           \$         120,940           \$         2,261           \$         25,201           \$         25,201           \$         112,239           \$         4,030,811           \$         482,045           \$         5,288           \$         440,017           \$         251,427           \$         265,983           \$         10,678           \$         259,941           \$         12,694
8200.167           8200.168           8200.169           8200.170           Intangible Completion           8300.203           8300.205           8300.207           8300.209           8300.210           8300.212           8300.212           8300.220           8300.221           8300.220           8300.220           8300.220           8300.220           8300.220           8300.220           8300.221           8300.220           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.271           8300.271           8300.271           8300.271           8300.271           8300.271           8300.272           8300.275           8300.276	Consulting Services         Roustabout Services         Mud-Brine         Mud-Diesel         Fuel         Location & Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating & Plugs         Engineering & Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback	\$     120.94/       \$     2,26'       \$     25,20'       \$     112,23'       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$	40         \$           51         \$           51         \$           51         \$           51         \$           39         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$           -         \$	-         \$           -         \$           -         \$           00,811         \$           5,2045         \$           5,208         \$           0,017         \$           31,427         \$           5,5983         \$           0,678         \$           2,630         \$           5,2630         \$           5,2633         \$           9,004         \$           7,359         \$		\$         120,940           \$         2,261           \$         25,201           \$         112,239           \$         4,030,811           \$         482,045           \$         5,288           \$         440,017           \$         251,427           \$         265,983           \$         10,678           \$         259,941
8200.168           8200.169           8200.170           Intangible Completion           8300.203           8300.205           8300.207           8300.209           8300.210           8300.212           8300.212           8300.220           8300.220           8300.221           8300.220           8300.220           8300.221           8300.220           8300.220           8300.221           8300.220           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221 <t< th=""><td>Roustabout Services         Mud-Brine         Mud-Diesel         Fuel         Location &amp; Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating &amp; Plugs         Engineering &amp; Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback</td><td>\$     2,26'       \$     25,20'       \$     112,23'       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$</td><td>31     \$       39     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$</td><td>-         \$           -         \$           -         \$           0.0.811         \$           5.20.85         \$           0.0.017         \$           5.288         \$           0.0.17         \$           5.288         \$           0.017         \$           5.288         \$           0.678         \$           2.630         \$           5.263         \$           9.004         \$           7.359         \$</td><td></td><td>\$ 2,261 \$ 25,201 \$ 112,235 \$ 4,030,811 \$ 482,045 \$ 5,286 \$ 5,286 \$ 440,017 \$ 251,427 \$ 265,983 \$ 10,676 \$ 259,941</td></t<>	Roustabout Services         Mud-Brine         Mud-Diesel         Fuel         Location & Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating & Plugs         Engineering & Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback	\$     2,26'       \$     25,20'       \$     112,23'       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$	31     \$       39     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$	-         \$           -         \$           -         \$           0.0.811         \$           5.20.85         \$           0.0.017         \$           5.288         \$           0.0.17         \$           5.288         \$           0.017         \$           5.288         \$           0.678         \$           2.630         \$           5.263         \$           9.004         \$           7.359         \$		\$ 2,261 \$ 25,201 \$ 112,235 \$ 4,030,811 \$ 482,045 \$ 5,286 \$ 5,286 \$ 440,017 \$ 251,427 \$ 265,983 \$ 10,676 \$ 259,941
8200.169           8200.170           Intangible Completion           8300.203           8300.205           8300.207           8300.209           8300.210           8300.210           8300.210           8300.212           8300.212           8300.214           8300.220           8300.221           8300.220           8300.220           8300.221           8300.220           8300.220           8300.221           8300.220           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221 <t< th=""><td>Mud-Brine         Mud-Diesel         Fuel         Location &amp; Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating &amp; Plugs         Engineering &amp; Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback</td><td>\$ 25,20 \$ 112,23 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>11     \$       39     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$</td><td>-         \$           -         \$           00.811         \$           \$2.045         \$           5.288         \$           0.017         \$           \$1.427         \$           \$5.983         \$           0.678         \$           9.9941         \$           5.263         \$           9.004         \$</td><td></td><td>\$ 25,201 \$ 112,235 \$ 4,030,811 \$ 482,045 \$ 5,286 \$ 440,017 \$ 251,427 \$ 265,983 \$ 10,676 \$ 259,941</td></t<>	Mud-Brine         Mud-Diesel         Fuel         Location & Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating & Plugs         Engineering & Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback	\$ 25,20 \$ 112,23 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	11     \$       39     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$	-         \$           -         \$           00.811         \$           \$2.045         \$           5.288         \$           0.017         \$           \$1.427         \$           \$5.983         \$           0.678         \$           9.9941         \$           5.263         \$           9.004         \$		\$ 25,201 \$ 112,235 \$ 4,030,811 \$ 482,045 \$ 5,286 \$ 440,017 \$ 251,427 \$ 265,983 \$ 10,676 \$ 259,941
8200.170           Intangible Completion           8300.203           8300.205           8300.207           8300.209           8300.210           8300.210           8300.210           8300.212           8300.212           8300.212           8300.216           8300.220           8300.221           8300.220           8300.232           8300.232           8300.240           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241           8300.241 <t< th=""><td>Mud-Diesel         Fuel         Location &amp; Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating &amp; Plugs         Engineering &amp; Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback</td><td>\$     112,238       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$</td><td>39     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$</td><td>- \$ 0,811 \$ 2,045 \$ 5,288 \$ 0,017 \$ 5,288 \$ 0,017 \$ 5,283 \$ 0,678 \$ 9,904 \$ 7,359 \$</td><td></td><td>\$ 112,235 \$ 4,030,811 \$ 482,045 \$ 5,286 \$ 440,017 \$ 251,427 \$ 265,983 \$ 10,676 \$ 259,941</td></t<>	Mud-Diesel         Fuel         Location & Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating & Plugs         Engineering & Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback	\$     112,238       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$       \$     \$	39     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$       -     \$	- \$ 0,811 \$ 2,045 \$ 5,288 \$ 0,017 \$ 5,288 \$ 0,017 \$ 5,283 \$ 0,678 \$ 9,904 \$ 7,359 \$		\$ 112,235 \$ 4,030,811 \$ 482,045 \$ 5,286 \$ 440,017 \$ 251,427 \$ 265,983 \$ 10,676 \$ 259,941
Intangible Completion           8300.203           8300.205           8300.206           8300.207           8300.209           8300.210           8300.210           8300.211           8300.212           8300.212           8300.212           8300.212           8300.214           8300.220           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.221           8300.232           8300.248           8300.250           8300.271           8300.271           8300.271           8300.271           8300.271           8300.271           8300.271           8300.271           8300.271           8300.271           8300.271           8300.271           8300.271           8300.271           8300.271           8300.271 <t< th=""><td>Fuel         Location &amp; Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating &amp; Plugs         Engineering &amp; Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback</td><td>S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S</td><td>- \$ 4,03 - \$ 46 - \$ - \$ 44 - \$ 225 - \$ 226 - \$ 226 - \$ 216 - \$ 225 - \$ 11 - \$ 25 - \$ 11 - \$ 27 - \$ 11 - \$ 27 - \$ 27 - \$ 26 - \$ 27 - \$ 2</td><td>10,811         \$           12,045         \$           52,288         \$           52,288         \$           10,017         \$           51,427         \$           55,983         \$           0,678         \$           99,941         \$           5,263         \$           9,004         \$           7,359         \$</td><td></td><td>\$         4,030,811           \$         482,045           \$         5,286           \$         440,017           \$         251,427           \$         265,983           \$         10,676           \$         259,941</td></t<>	Fuel         Location & Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating & Plugs         Engineering & Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback	S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S	- \$ 4,03 - \$ 46 - \$ - \$ 44 - \$ 225 - \$ 226 - \$ 226 - \$ 216 - \$ 225 - \$ 11 - \$ 25 - \$ 11 - \$ 27 - \$ 11 - \$ 27 - \$ 27 - \$ 26 - \$ 27 - \$ 2	10,811         \$           12,045         \$           52,288         \$           52,288         \$           10,017         \$           51,427         \$           55,983         \$           0,678         \$           99,941         \$           5,263         \$           9,004         \$           7,359         \$		\$         4,030,811           \$         482,045           \$         5,286           \$         440,017           \$         251,427           \$         265,983           \$         10,676           \$         259,941
8300.203 8300.205 8300.207 8300.209 8300.210 8300.212 8300.220 8300.220 8300.222 8300.222 8300.222 8300.240 8300.248 8300.248 8300.248 8300.275 8300.275 8300.275	Location & Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating & Plugs         Engineering & Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback	\$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$	- \$ 48 - \$ 44 - \$ 444 - \$ 226 - \$ 226 - \$ 226 - \$ 216 - \$ 216 - \$ 11 - \$ 25 - \$ 11 - \$ 77 - \$ 22	12,045         \$           5,288         \$           60,017         \$           61,427         \$           5,983         \$           0,678         \$           9,941         \$           5,263         \$           9,004         \$           7,359         \$		\$ 482,045 \$ 5,286 \$ 440,017 \$ 2251,427 \$ 265,983 \$ 10,676 \$ 259,941
8300.205 8300.207 8300.209 8300.210 8300.212 8300.214 8300.220 8300.220 8300.223 8300.232 8300.244 8300.248 8300.248 8300.275 8300.271 8300.275 8300.276	Location & Roads         Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating & Plugs         Engineering & Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback	S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S	- \$ - \$ 444 - \$ 226 - \$ 226 - \$ 226 - \$ 216 - \$ 225 - \$ 11 - \$ 25 - \$ 11 - \$ 77 - \$ 22	5,288     \$       0,017     \$       51,427     \$       55,983     \$       0,678     \$       2,630     \$       5,263     \$       9,004     \$       '7,359     \$		\$         5,288           \$         440,017           \$         2251,427           \$         265,983           \$         10,678           \$         259,941
8300,207 8300,210 8300,212 8300,214 8300,220 8300,220 8300,229 8300,220 8300,220 8300,220 8300,220 8300,220 8300,248 8300,248 8300,271 8300,271 8300,274 8300,275 8300,276	Fresh Water         Chemicals         Surface Rental Equip         Contract Labor         Perforating & Plugs         Engineering & Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback	S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S       S	- \$ 444 - \$ 225 - \$ 226 - \$ 11 - \$ 225 - \$ 11 - \$ 25 - \$ 11 - \$ 77 - \$ 22	10,017         \$           11,427         \$           15,983         \$           0,678         \$           9,941         \$           2,630         \$           5,263         \$           9,004         \$           7,359         \$		\$         440,017           \$         251,427           \$         265,983           \$         10,678           \$         259,941
8300.209 8300.210 8300.212 8300.214 8300.220 8300.229 8300.232 8300.240 8300.240 8300.240 8300.270 8300.271 8300.271 8300.273 8300.274 8300.275	Chemicals         Surface Rental Equip         Contract Labor         Perforating & Plugs         Engineering & Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback	\$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$	- \$ 225 - \$ 226 - \$ 11 - \$ 226 - \$ 11 - \$ 25 - \$ 11 - \$ 17 - \$ 27 - \$ 225	i1,427     \$       i5,983     \$       0,678     \$       i9,941     \$       2,630     \$       5,263     \$       9,004     \$       7,359     \$		\$ 251,427 \$ 265,983 \$ 10,678 \$ 259,941
8300,210 8300,212 8300,214 8300,220 8300,229 8300,232 8300,240 8300,240 8300,240 8300,240 8300,270 8300,271 8300,271 8300,274 8300,275 8300,276	Surface Rental Equip       Contract Labor       Perforating & Plugs       Engineering & Supervision       Transportation       Disposal       Pump Down Services       Mancamp       Downhole Rental Equip       Frac - Equipment       Coil Tubing       Flowback	\$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$	- \$ 26 - \$ 11 - \$ 25 - \$ 11 - \$ 25 - \$ 11 - \$ 11 - \$ 11 - \$ 12 - \$ 25	5,983         \$           0,678         \$           9,941         \$           2,630         \$           5,263         \$           9,004         \$           '7,359         \$		\$ 265,983 \$ 10,678 \$ 259,941
8300.212 8300.214 8300.220 8300.229 8300.232 8300.240 8300.240 8300.248 8300.250 8300.271 8300.271 8300.273 8300.274 8300.275	Contract Labor         Perforating & Plugs         Engineering & Supervision         Transportation         Disposal         Pump Down Services         Mancamp         Downhole Rental Equip         Frac - Equipment         Coil Tubing         Flowback	\$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$	- \$ 1 \$ 25 - \$ 1 - \$ 1 - \$ 1 - \$ 1 - \$ 7 - \$ 225 - \$ 1 - \$	0,678 \$ 9,941 \$ 2,630 \$ 5,263 \$ 9,004 \$ 7,359 \$		\$ 10,678 \$ 259,941
8300,214 8300,220 8300,229 8300,232 8300,240 8300,240 8300,240 8300,270 8300,270 8300,271 8300,273 8300,274 8300,275 8300,276	Perforating & Plugs       Engineering & Supervision       Transportation       Disposal       Pump Down Services       Mancamp       Downhole Rental Equip       Frac - Equipment       Coil Tubing       Flowback	S       S       S       S       S       S       S       S       S	- \$ 25 - \$ 1 - \$ - \$ 1 - \$ 7 - \$ 25	i9,941         \$           2,630         \$           5,263         \$           9,004         \$           '7,359         \$		\$ 259,941
8300,220 8300,229 8300,232 8300,240 8300,240 8300,240 8300,250 8300,270 8300,271 8300,273 8300,274 8300,275 8300,276	Engineering & Supervision Transportation Disposal Pump Down Services Mancamp Downhole Rental Equip Frac - Equipment Coil Tubing Flowback	S           S           S           S           S           S           S           S           S           S	- \$ 1 - \$ 1 - \$ 1 - \$ 7 - \$ 2	2,630 \$ 5,263 \$ 9,004 \$ 7,359 \$	-	
8300,229 8300,232 8300,240 8300,248 8300,250 8300,270 8300,271 8300,273 8300,274 8300,275 8300,276	Transportation       Disposal       Pump Down Services       Mancamp       Downhole Rental Equip       Frac - Equipment       Coil Tubing       Flowback	\$ \$ \$ \$ \$ \$ \$ \$	- \$ - \$ 11 - \$ 77 - \$ 2	5,263 \$ 9,004 \$ 7,359 \$	-	\$ 12.620
8300,232 8300,240 8300,248 8300,250 8300,270 8300,271 8300,273 8300,274 8300,275 8300,276	Disposal       Pump Down Services       Mancamp       Downhole Rental Equip       Frac - Equipment       Coil Tubing       Flowback	\$ \$ \$ \$ \$ \$	- \$ 1 - \$ 7 - \$ 2	9,004 \$ 7,359 \$		÷ 12,030
8300.240 8300.248 8300.250 8300.270 8300.271 8300.273 8300.274 8300.275 8300.276	Pump Down Services       Mancamp       Downhole Rental Equip       Frac - Equipment       Coil Tubing       Flowback	\$ \$ \$ \$	- \$ 7 - \$ 2	7,359 \$		\$ 5,263
8300.248 8300.250 8300.270 8300.271 8300.273 8300.274 8300.275 8300.275	Mancamp       Downhole Rental Equip       Frac - Equipment       Coil Tubing       Flowback	\$ \$ \$	- \$ 2		-	\$ 19,004
8300,250 8300,270 8300,271 8300,273 8300,274 8300,275 8300,276	Downhole Rental Equip       Frac - Equipment       Coil Tubing       Flowback	\$ \$		8,165 \$	-	\$ 77,359
8300.270 8300.271 8300.273 8300.274 8300.275 8300.276	Frac - Equipment Coil Tubing Flowback	\$	<u>م</u>		-	\$ 28,165
8300.271 8300.273 8300.274 8300.275 8300.276	Coil Tubing Flowback		- P 4	6,338 \$		\$ 46,338
8300.273 8300.274 8300.275 8300.276	Flowback	s	- \$ 1,08	0,910 \$	-	\$ 1,080,910
8300.274 8300.275 8300.276		1*	- \$ 10	8,775 \$		\$ 108,775
8300.275 8300.276	Water Transfer	\$	- \$ 2	6,997 \$	-	\$ 26,997
8300.276	water mansier	\$	- \$ 9	6,749 \$	-	\$ 96,749
l — — — — — — — — — — — — — — — — — — —	Frac - Sand	\$	- \$ 68	6,798 \$	-	\$ 686,798
	Safety & Environmental	\$	- \$	3,473 \$	-	\$ 3,473
8300.277	Consulting Services	\$	- \$ 11	8,933 \$	-	\$ 118,933
8300.278	Roustabouts	\$	- \$	1,579 \$	-	\$ 1,579
8300.279	Completions Overhead	\$	- \$	2,463 \$	-	\$ 2,463
Intangible Artificial Lift		\$	- \$ 11	0,150 \$	-	\$ 110,150
8320.602	Workover Rig	\$	- \$ 3	0,000 \$	-	\$ 30,000
8320.605	Fuel / Power	\$	- \$	5,263 \$		\$ 5,263
8320.610	Inspection & Testing	\$	- \$	4,000 \$		\$ 4,000
8320,611	Trucking/Vacuum/Transportation	\$		0,000 \$		\$ 10,000
8320.612	Kill Truck	\$	- \$	5,000 \$		\$ 5,000
8320.617	Contract Labor/Roustabout	s	- \$ 3	0,887 \$		\$ 30,887
8320.621	Rental Equipment	s	_	5,000 \$		\$ 15,000
8320.625	Wellsite Supervision	\$		5,000 \$		\$ 5,000
8320.628	Chemicals	s		5,000 \$		\$ 5,000
Intangible Flowback		\$		6,038 \$		\$ 986,038
8360.805	Trucked Water Disposal	s		1,464 \$		\$ 21,464
8360.810	Frac Water Recovery	\$	_	4,694 \$		\$ 644,694
8360.815	Trucking/Vacuum/Transp	\$		4,334 \$		\$ 14,334
8360.820	Well Testing / Flowback	\$		60,746 \$		\$ 60,746
8360.825	Rental Equipment	\$		0,000 \$		\$ 190,000
8360.845	Wellsite Supervision	\$		i0,400 \$		\$ 50,400
8360.850	Safety / Environmental	\$		4,400 \$		\$ 4,400
Intangible Facility	callety / Environmental	\$	- \$	4,400 \$ - \$		\$ 330,582
8350.403	Roads/Location	\$	- \$	- > - \$		\$ 330,582 \$ 45,950
8350.403	Equipment Rental	\$	- \$	- 5 - 5		\$ 19,483
8350.404	Transportation/Trucking	\$	- \$	- > - \$		\$ 22,050
8350.410		\$	- \$	- > - \$		\$ 8,283
8350.411	Safety & Environmental	\$	- \$	- > - \$		\$ 8,283 \$ 26,650
	Engineering / Technical	\$		- > - \$		\$ 26,650 \$ 15,450
	Supervision	\$	- \$	- \$		
8350.416	Overhead Power Labor	\$				
8350.416 8350.417	I Mechanica Lobor	\$	- \$	- \$		\$ 90,700 \$ 13,233
8350.416 8350.417 8350.418	Mechanical Labor		- \$	- \$ - \$		\$ 13,233
8350.416 8350.417 8350.418 8350.419	Automation Labor			-18	40.000	¢ 40.000
8350.416 8350.417 8350.418 8350.418 8350.419 8350.420	Automation Labor Electrical Labor	\$				
8350.416 8350.417 8350.418 8350.419 8350.419 8350.420 8350.421	Automation Labor Electrical Labor Commissioning	\$ \$	- \$	- \$	2,300	\$ 2,300
8350.416 8350.417 8350.418 8350.419 8350.419 8350.420 8350.420 8350.422	Automation Labor       Electrical Labor       Commissioning       Flowline Labor	\$ \$ \$	- \$ - \$	- \$ - \$	2,300 19,300	\$ 2,300 \$ 19,300
8350,416 8350,417 8350,418 8350,419 8350,419 8350,420 8350,420 8350,422	Automation Labor Electrical Labor Commissioning	\$ \$ \$ \$ 2,964,366	- \$ - \$ 66 \$ 5,12	- \$ - \$ :6,998 \$	2,300 19,300 <b>330,582</b>	\$ 2,300 \$ 19,300 \$ 8,421,946
8350.416 8350.417 8350.418 8350.419 8350.420 8350.420 8350.421 8350.422 TOTAL	Automation Labor       Electrical Labor       Commissioning       Flowline Labor	\$ \$ \$	- \$ - \$ 66 \$ 5,12	- \$ - \$	2,300 19,300 <b>330,582</b>	\$ 2,300 \$ 19,300

Page 94 of 147



This Authority for Expenditure is based on cost estimates. Billing will reflect your proportionate share of the actual invoice costs.

#### JOINT INTEREST APPROVAL:

Company:

Working Interest:

Signature:

Date:

\_\_\_\_\_

Ву:\_\_\_\_\_



Page 96 of 147

# AOII reached out to all locatable owners to reach joinder agreements and ~69% of owners have committed to AOII's Unit

- AOII retained a broker who conducted extensive title work to determine the working interest owners and other interest owners.
- AOII searched public records, phone directory, LexisNexis subscription, and conducted various internet searches.
- AOII sent well proposals starting on or around March 20, 2025
- AOII proposed general terms of a Joint Operating Agreement (JOA) within the well proposal letters sent to working interest owners.
- AOII sent working interest owners a JOA upon request.
- AOII had multiple communications with contesting working interest owners, outlined on the following exhibit.
- AOII's counsel sent notices of the force pooling applications to the addresses of record for uncommitted interest owners and overriding royalty owners.
- AOII published notice in a newspaper of general circulation in the county where the wells will be located.



## Summary of Contacts Thai Curry 22 247 Fed Com #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H

Avant Operating II, LLC Case No. 25348 Exhibit A-6



## Summary of Contacts

Owner Name	Sent Proposal	Tracking	Follow-up / Comments
CHIEF CAPITAL (O&G) II LLC	3.20.2025	79	Well Proposals rec'd; Signed JOA, Owner Committed
WR NON-OP LLC	3.20.2025	42079701517594055301093551198818 63	Well Proposals rec'd; Signed JOA, Owner Committed
CIVITAS PERMIAN OPERATING, LLC	3.20.2025	42080202390694055301093551198819 24	Well Proposals rec'd
MRC PERMIAN RESOURCES OPERATING, LLC	3.20.2025		Well Proposals rec'd; 4.22.25 MRC emailed to ask development timing; 2.23.25 AO II sent JOA to landman
BIG THREE ENERGY COMPANY, LLC	3.20.2025		Well Proposals rec'd; Ongoing communication with owner, AO II in negotiations to buy or lease
PALOMA PERMIAN ASSET CO LLC	3.20.2025		Well Proposals rec'd; 4.21.25 Sent email to land manager asked if they are interested in trade or JOA
EARTHSTONE PERMIAN LLC	3.20.2025	42079701468894055301093551198819 55	Well Proposals rec'd; 4.3.25 requested WI and NRI
TRAINER PARTNERS LTD	3.20.2025		Well Proposals rec'd; ongoing communication with owner, AO II made offer to seller
SOUTHPAW LAND & TIMBER LLC	3.20.2025	42075209652494055301093551198819 48	Well Proposals rec'd; Signed JOA, Owner Committed
BEXP II OMEGA MISC LLC	3.20.2025	42078730491194055301093551198819 31	Well Proposals rec'd; Signed Well Elections; Signed JOA
BEXP II ALPHA LLC	3.20.2025	42078730491194055301093551198818 56	Well Proposals rec'd; Signed Well Elections; Signed JOA
DIAGA MINERAL GROUP, LLC	3.20.2025	62	Well Proposals rec'd; Signed JOA, Owner Committed
ANDREW H JACKSON	3.25.2025	42079705821894055301093551198819 00	Well Proposals rec'd; Signed Well Elections
SITL ENERGY, LLC	3.20.2025	42079705862294055301093551198818 70	Well Proposals rec'd; Signed JOA, Owner Committed





Summary of Contacts AOII, LLC Thai Curry 22 27 Fed Com #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H #701H-#702H, #721H-#723H, #801H-#803H Exhibit A-6



# AOII demonstrated proactivity and good faith efforts in JOA negotiations with MRC ~69% of owners have committed to AOII's Unit

#### Matador / MRC

- 3.20.25 AOII sends well proposals
- 4.22.25 MRC sends email to TS requesting JOA and spud/TIL for the wells.
- 4.22.25 Tiffany Sarantinos (AOII, Senior Landman) replied w/timing (2025 Q3) and JOA
- 4.23.25 Clay Wooten (MRC, Landman IV) says they will begin reviewing JOA. Asks "Does Avant plan on completing all 19 wells this
  - year? Or will there be separate batches?"
- 4.23.25 Tiffany replies "No, we batch drill and if permitting goes according to plan, I think we plan to develop the FBSG and SBSG this year, early next year."
- 4.24.25 Clay thanks for information and sends lease (MRC's interest under this unit was unleased and they leased to themselves.)
- 4.28.25 Clay requests "quick technical call"
- 4.30.25 Tiffany requests their list of questions so I can get in front of my op team
- 4.30.25 David Johns (MRC, VP Land) sent over the below list of questions:

What are the initial wells and Spud/TIL timing? Are any of the well proposals future upside targets?

Which type log is referenced for proposal TVDs? Or are TVDs based on depths from a structure map near the FTP or BHL?

Confirm BHL of Thai Curry 602H? Is there seismic coverage over the development area? Are there any plans to drop wells for

spacing concerns?



Summary of Contacts AOII, LLC Thai Curry 22 27 Fed Com #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H #701H-#702H, #721H-#723H, #801H-#803H Exhibit A-6



## AOII demonstrated proactivity and good faith efforts in JOA negotiations with MRC ~69% of owners have committed to AOII's Unit

#### Matador / MRC continued

- 5.1.25 John Harper (AOII, SVP Assets & Exploration) responds
- 5.1.25 David Johns replies "Thank you and your team for all the detail. I have sent to our team and will keep you posted if they still want to have a call."
- 5.6.25 Tiffany sends email to MRC "Just checking in to see if there's anything outstanding that still needs to be addressed on your end.
   As a courtesy and in light of the upcoming hearing scheduled for Thursday, we'd appreciate knowing whether you intend to withdraw the objection by tomorrow so we may proceed accordingly."
- 6.23.25 Tiffany sends email to MRC "Just wanted to follow up here. Our status hearing is set for this week, and we've been working to clear the remaining objections related to our Thai Curry application. Both PR and Paloma have now officially withdrawn their objections, and we wanted to see if there's anything we can do ahead of Thursday to get MRC in a position to simply enter an appearance and preserve your rights should there still be any outstanding concerns. As mentioned previously, we currently hold over 69% working interest control in the unit, and these wells are on our near-term development schedule. Please let us know if there's a path forward. We'd welcome the opportunity to resolve this cooperatively."



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

## APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 25348

## **SELF-AFFIRMED STATEMENT OF JOHN HARPER**

John Harper hereby states and declares as follows:

1. I am over the age of 18, I am a geologist for Avant Operating II, LLC ("AO II"), and have personal knowledge of the matters stated herein. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum geologist were accepted by the Division as a matter of record.

- 2. My area of responsibility at AO II includes the area of Lea County in New Mexico.
- 3. I am familiar with the application filed by AO II in this case.

4. **Exhibit B-1** is a locator map showing the approximate location of the proposed unit in relation to the Capitan Reef and other geological provinces associated with the Delaware Basin.

5. **Exhibit B-2** is a wellbore schematic showing AO II's development plan.

6. **Exhibit B-3** is a structure map of the base of the Bone Spring formation. The proposed spacing unit is identified by a red box. The proposed Thai Curry 22-27 Fed Com Bone Spring wells are identified by the black-dashed lines. The contour interval used in this exhibit is 100 feet. This exhibit shows that the structure dips gently to the southeast.

7. **Exhibit B-4** includes a cross-section reference map that identifies four wells in the vicinity of the proposed development, shown by a blue line of cross-section running from A to A'

Avant Operating II, LLC Case No. 25348 Exhibit B (northwest-southeast). The wells utilized in the cross sections are indicated by yellow stars on the map.

8. **Exhibit B-5** is a stratigraphic cross-section that utilizes the First Bone Spring Sand top as a datum. The well logs shown on the cross-section give a representative sample of the First Bone Spring formation in the area. The target zone for the Thai Curry 22-27 Fed Com #301H, Thai Curry 22-27 Fed Com #302H, and Thai Curry 22-27 Fed Com #303H wells, which are First Bone Spring wells, is identified by a red-dashed line and a box identifying the wells. In my opinion, the First Bone Spring formation and reservoir are relatively consistent with minor stratigraphic variation observed across the proposed development area.

9. **Exhibit B-6** is a stratigraphic cross-section that utilizes the First Bone Spring Sand top as a datum. The well logs shown on the cross-section give a representative sample of the Second Bone Spring Shale formation in the area. The target zone for the Thai Curry 22-27 Fed Com #401H, Thai Curry 22-27 Fed Com #402H wells, which are Second Bone Spring Shale wells, is identified by a red-dashed line and a box identifying the wells. In my opinion, the Second Bone Spring Shale formation and reservoir are relatively consistent across the development area.

10. **Exhibit B-7** is a stratigraphic cross-section that utilizes the Third Bone Spring Carbonate formation top as a datum. The well logs shown on the cross-section give a representative sample of the Second Bone Spring formation in the area. The target zone for the Thai Curry 22-27 Fed Com #501H, Thai Curry 22-27 Fed Com #502H, and Thai Curry 22-27 Fed Com #503H wells, which are Second Bone Spring Sand wells, is identified by a red-dashed line and a box identifying the wells. In my opinion, the Second Bone Spring Sand formation and reservoir are relatively consistent across the proposed development area.

Received by OCD: 7/9/2025 8:12:05 AM

11. **Exhibit B-8** is a stratigraphic cross-section that utilizes the Base of the Bone Spring formation / Top of the Wolfcamp formation as a datum. The well logs shown on the cross-section give a representative sample of the Third Bone Spring Sand formation in the area. The target zone for the Thai Curry 22-27 Fed Com #601H, Thai Curry 22-27 Fed Com #602H, and Thai Curry 22-27 Fed Com #603H wells, which are Third Bone Spring Sand wells, is identified by a red-dashed line and a box identifying the wells. In my opinion, the Third Bone Spring Sand formation and reservoir are relatively consistent with slight thickening to the southeast across the proposed development area.

12. I conclude from the geology studies referenced above that:

a. The horizontal spacing unit is justified from a geologic standpoint.

b. There are no structural impediments or faulting that will interfere with horizontal development.

c. Each quarter-quarter section in the proposed unit will contribute more or less equally to production.

13. The preferred well orientation in this area is north/south because the stress orientation is approximately southwest-northeast across the area.

14. In my opinion, the granting of this application is in the interests of conservation and the prevention of waste.

15. The exhibits to my self-affirmed statement were prepared by me, or compiled from company business records, or were prepared at my direction or supervision.

16. I attest under penalty of perjury the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief and I will adopt this testimony at the hearing in this matter.

•

[Signature Page Follows]

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7-7-25

Date

Aje John Harper

## Regional Locator Map Thai Curry 22 27 Fed Com #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H

Avant Operating II, LLC Case Nos. 25348 Exhibit B-1





## Received by OCD: 7/9/2025 8:12:05 AM Gun Barrel Development Plan TBSG - SBSG - FBSG

Thai Curry 22 27 Fed Com #301H-#303H, #401H-#402H, #501H-#503H, #601-#603H Avant Operating II, LLC Case Nos. 25348 Exhibit B-2



Page 106 of 147





Proposed Thai Curry 22 27 Fed Com #301-303H, #401-402H, #501-503H, #601-603IA VANT OPERATING II, LLC | 2

## Base Bone Spring Structure Map (TVDSS') Thai Curry 22 27 Fed Com

#301H-#303H, #401H-#402H, #501H-#503H, #605H-#603H

Avant Operating II, LLC Case Nos. 25348 Exhibit B-3





AVANT OPERATING II, LLC | 3

Received by OCD: 7/9/2025 8:12:05 AM

Cross-Section Locator Map (A-A')

Thai Curry 22 27 Fed Com #301H-#303H, #401H-#402H, #501H-#503H, #601-#603H Avant Operating II, LLC Case Nos. 25348 Exhibit B-4





AVANT OPERATING II, LLC | 4
# Stratigraphic Cross-Section A-A' Thai Curry 22 27 Fed Com #301-303H

Avant Operating II, LLC Case Nos. 25348 Exhibit B-5







# Received by OCD: 7/9/2025 8:12:05 AM

# Stratigraphic Cross-Section A-A' Thai Curry 22 27 Fed Com #401-402H

Avant Operating II, LLC Case Nos. 25348 Exhibit B-6







Log Scaling: GR(Gamma Ray): 0-150, RES(Resistivity): 0.2-20000 (log<sub>10</sub>), POR(Porosity): 30 to -10%

# Stratigraphic Cross-Section A-A' Thai Curry 22 27 Fed Com #501-503H

Avant Operating II, LLC Case Nos. 25348 Exhibit B-7







Log Scaling: GR(Gamma Ray): 0-150, RES(Resistivity): 0.2-20000 (log<sub>10</sub>), POR(Porosity): 30 to -10%

# Stratigraphic Cross-Section A-A' Thai Curry 22 27 Fed Com #601-603H

Avant Operating II, LLC Case Nos. 25348 Exhibit B-8





Log Scaling: GR(Gamma Ray): 0-150, RES(Resistivity): 0.2-20000 (log<sub>10</sub>), POR(Porosity): 30 to -10%

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

# APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 25348

## SELF-AFFIRMED STATEMENT OF SHANE KELLY

Shane Kelly hereby states and declares as follows:

I am over the age of 18, I am the Vice President of Engineering for Avant Operating
II, LLC ("AO II") and have personal knowledge of the matters stated herein. My area of
responsibility includes the area of Lea County in New Mexico.

2. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum engineer were accepted as a matter of record.

3. I am familiar with the applications filed by AO II in these cases and the surface production facilities required to develop the oil underlying the subject acreage.

4. In this case, AO II seeks approval of a 560-acre non-standard Bone Spring unit.

5. AO II seeks to minimize surface disturbance and costs by consolidating facilities and commingling production from the wells and future wells in the proposed non-standard spacing unit.

6. To allow the wells to be dedicated to the acreage subject to the desired Communitzation Agreement, AO II requires approval of non-standard spacing unit.

7. If AO II has to develop the acreage using standard horizontal spacing unit, AO II will need a total of 2 units. Under AO II's requested non-standard unit application, AO II will only need one unit. Approval of the non-standard unit application will allow AO II to efficiently develop

Avant Operating II, LLC Case No. 25348 Exhibit C this acreage with greater flexibility regarding well placement, and using its preferred well spacing plan for the wells in this area, which will maximize recovery, prevent waste, and protect correlative rights.

8. Approval of the non-standard unit will allow for commingling of production, which would not be possible if AO II has to move forward with standard units.

9. In my opinion, approval of AO II's non-standard unit application will allow AO II to efficiently locate surface facilities, reduce surface disturbance, and promote effective well spacing.

10. In my opinion, the granting of this application is in the interests of conservation and the prevention of waste.

11. The exhibits to my self-affirmed statement were prepared by me, or compiled from company business records, or were prepared at my direction or supervision.

12. I attest under penalty of perjury the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief and I will adopt this testimony at the hearing in this matter.

[Signature page follows]

2

7/7/25

Date

Shane Kelly

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

# APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

CASE NO. 25348

# AMENDED SELF-AFFIRMED DECLARATION OF YARITHZA PEÑA

Yarithza Peña, attorney in fact and authorized representative of Avant Operating II, LLC, the Applicant herein, declares as follows:

 The above-referenced Application was provided under notice letter, dated April 14, 2025, and notice letter with additional names, dated May 8, 2025 attached hereto, labeled Exhibit D.1.

2) **Exhibit D.2** is the mailing list, which show the notice letters were delivered to the USPS for mailing April 14, 2025, and notice letters with additional names were delivered to the USPS for mailing on May 8, 2025.

3) **Exhibit D.3** is the certified mailing tracking information, which is automatically compiled by CertifiedPro, the software Modrall uses to track the mailings. This spreadsheet shows the names and addresses of the parties to whom notice was sent and the status of the mailing.

4) **Exhibit D.4** is the Affidavit of Publication from the Hobbs News-Sun, confirming that notice of the May 8, 2025 hearing was published on April 16, 2025, and the Affidavit of Publication from Hobbs News-Sun listing additional names, confirming that notice of the May 22, 2025 status hearing was published on May 11, 2025.

Avant Operating II, LLC Case No. 25348 Exhibit D

5) I attest under penalty of perjury under the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief.

Dated: July 8, 2025

By: \_\_\_\_\_\_\_Yarithza Peña



LAWYERS

April 14, 2025

# **VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED**

#### **APPLICATION OF AVANT OPERATING II, LLC** Re: FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

**CASE NO. 25347** 

# **APPLICATION OF AVANT OPERATING II, LLC** FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

**CASE NO. 25348** 

### TO: AFFECTED PARTIES

This letter is to advise you that Avant Operating II LLC ("AO II") has filed the enclosed applications.

In Case No. 25347, Avant Operating II LLC seeks an order from the Division approving a non-standard 560-acre, more or less, Wolfcamp horizontal spacing unit and pooling all uncommitted interests in the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico, in the Salt Lake; Wolfcamp pool (Pool code 53570). This spacing unit will be dedicated to the following wells: the Thai Curry 22-27 Fed Com #701H, Thai Curry 22-27 Fed Com #721H, Thai Curry 22-27 Fed Com #722H, Thai Curry 22-27 Fed Com #801H, and Thai Curry 22-27 Fed Com #802H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and the Thai Curry 22-27 Fed Com #702H, Thai Curry 22-27 Fed Com #723H, and Thai Curry 22-27 Fed Com #803H wells with proposed surface hole locations in the N/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NW/4 SE/4 (Unit J) of Section 27. The wells will be drilled at orthodox locations. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and

> Avant Operating II, LLC New Mexico 87103-2168 Case No. 25348 Exhibit D.1

Modrall Sperling Roehl Harris & Sisk P.A.

500 Fourth Street NW Suite 1000 Albuquerque, New Mexico 87102

PO Box 2168 Albuquerque.

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Yarithza Pena Tel: 505.848.1833 varithza.pena@modrall.com Page 2

charges for supervision, designation of Avant Operating II, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 36 miles southwest of Hobbs, New Mexico.

In Case No. 25348, Avant Operating II LLC seeks an order from the Division approving a non-standard 560-acre, more or less, Bone Spring horizontal spacing unit and pooling all uncommitted interests in the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico in the Salt Lake; Bone Spring pool (Pool code 53560). This spacing unit will be dedicated to the following wells: Thai Curry 22-27 Fed Com #301H, Thai Curry 22-27 Fed Com #302H, Thai Curry 22-27 Fed Com #401H, Thai Curry 22-27 Fed Com #501H, Thai Curry 22-27 Fed Com #502H, Thai Curry 22-27 Fed Com #601H, and Thai Curry 22-27 Fed Com #602H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and the Thai Curry 22-27 Fed Com #303H, Thai Curry 22-27 Fed Com #402H, Thai Curry 22-27 Fed Com #503H, and Thai Curry 22-27 Fed Com #603H wells with proposed surface hole locations in the N/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NW/4 SE/4 (Unit J) of Section 27. The wells will be drilled at orthodox locations. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Avant Operating II, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 36 miles southwest of Hobbs, New Mexico.

The hearing is set for May 8, 2025 beginning at 9:00 a.m. The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1<sup>st</sup> Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <u>https://www.emnrd.nm.gov/ocd/hearing-info/</u>.

As a party who may be affected by these applications, we are notifying you of your right to appear at the hearing and participate in these cases, including the right to present evidence either in support of or in opposition to the applications. Failure to appear at the hearing may preclude you from any involvement in these cases at a later date.

You are further notified that if you desire to appear in these cases, then you are requested to file a Pre-Hearing Statement with the Division at least four business days in advance of a scheduled hearing before the Division or the Page 3

Commission, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date, with a copy delivered to the undersigned.

Sincerely,

Maithzu Peter

Yarithza Peña Attorney for Applicant

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

# APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

# CASE NO. 25347

## **APPLICATION**

Avant Operating II, LLC ("AO II"), OGRID Number 332947, through its undersigned attorneys, hereby files this application with the Oil Conservation Division ("Division") pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (1) approving a non-standard unit, and (2) pooling all uncommitted interests within a non-standard 560-acre, more or less, Wolfcamp horizontal spacing unit comprised of the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico. In support of this application, AO II states as follows:

1. AO II has an interest in the subject lands and has a right to drill and operate a well thereon.

2. AO II seeks to dedicate the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico to form a 560-acre, more or less, Wolfcamp horizontal spacing unit in the Salt Lake; Wolfcamp pool (Pool code 53570) (the "Unit")

3. AO II seeks approval of the 560-acre non-standard spacing unit because approval of this application will allow AO II to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing.

4. AO II seeks to dedicate the Unit to the following wells:

- Thai Curry 22-27 Fed Com #701H, Thai Curry 22-27 Fed Com #721H, Thai Curry 22-27 Fed Com #722H, Thai Curry 22-27 Fed Com #801H, and Thai Curry 22-27 Fed Com #802H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and
- Thai Curry 22-27 Fed Com #702H, Thai Curry 22-27 Fed Com #723H, and Thai Curry 22-27 Fed Com #803H wells with proposed surface hole locations in the N/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NW/4 SE/4 (Unit J) of Section 27.

5. The wells will be horizontally drilled, and the producing areas for the wells are expected to be orthodox.

6. AO II sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Wolfcamp formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

7. The pooling of all interests in the Wolfcamp formation underlying the proposed unit and approving, to the extent necessary, the overlapping spacing unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

8. Approval of a non-standard spacing unit will allow AO II to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands and reduce surface disturbance.

WHEREFORE, AO II requests this application be set for hearing before an Examiner of the Oil Conservation Division on May 8, 2025, and after notice and hearing as required by law, the Division enter its order:

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A. Approving the non-standard spacing unit;

B. Pooling all uncommitted interests in Wolfcamp formation underlying a horizontal spacing unit within the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico;

C. Designating AO II as operator of this unit and the wells to be drilled thereon;

D. Authorizing AO II to recover its costs of drilling, equipping and completing the

wells;

E. Approving actual operating charges and costs charged for supervision, together

with a provision adjusting the rates pursuant to the COPAS accounting procedure; and

F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

By:/s/ Deana M. Bennett Earl E. DeBrine, Jr. Deana M. Bennett Yarithza Peña Post Office Box 2168 500 Fourth Street NW, Suite 1000 Albuquerque, New Mexico 87103-2168 Telephone: 505.848.1800 edebrine@modrall.com deana.bennett@modrall.com yarithza.pena@modrall.com Attorneys for Avant Operating II, LLC CASE NO. <sup>25347</sup> : Application of Avant Operating II, LLC for approval of a non-standard spacing unit and compulsory pooling, Lea County, New Mexico. Applicant seeks an order from the Division approving a non-standard 560-acre, more or less, Wolfcamp horizontal spacing unit and pooling all uncommitted interests in the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico, in the Salt Lake; Wolfcamp pool (Pool code 53570). This spacing unit will be dedicated to the following wells: the Thai Curry 22-27 Fed Com #701H, Thai Curry 22-27 Fed Com #721H, Thai Curry 22-27 Fed Com #722H, Thai Curry 22-27 Fed Com #801H, and Thai Curry 22-27 Fed Com #802H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and the Thai Curry 22-27 Fed Com #702H, Thai Curry 22-27 Fed Com #723H, and Thai Curry 22-27 Fed Com #803H wells with proposed surface hole locations in the N/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NW/4 SE/4 (Unit J) of Section 27. The wells will be drilled at orthodox locations. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Avant Operating II, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 36 miles southwest of Hobbs, New Mexico.

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

# APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

# CASE NO. 25348

#### **APPLICATION**

Avant Operating II, LLC ("AO II"), OGRID Number 332947, through its undersigned attorneys, hereby files this application with the Oil Conservation Division ("Division") pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (1) approving a non-standard unit, and (2) pooling all uncommitted interests within a non-standard 560-acre, more or less, Bone Spring horizontal spacing unit comprised of the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico. In support of this application, AO II states as follows:

1. AO II has an interest in the subject lands and has a right to drill and operate a well thereon.

2. AO II seeks to dedicate the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico to form a nonstandard 560-acre, more or less, Bone Spring horizontal spacing unit (the "Unit") in the Salt Lake; Bone Spring pool (Pool code 53560) (the "Unit")

3. AO II seeks approval of the 560-acre non-standard spacing unit because approval of this application will allow AO II to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing.

4. AO II seeks to dedicate the Unit to the following wells:

- Thai Curry 22-27 Fed Com #301H, Thai Curry 22-27 Fed Com #302H, Thai Curry 22-27 Fed Com #401H, Thai Curry 22-27 Fed Com #501H, Thai Curry 22-27 Fed Com #502H, Thai Curry 22-27 Fed Com #601H, and Thai Curry 22-27 Fed Com #602H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and
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5. The wells will be horizontally drilled, and the producing areas for the wells are expected to be orthodox.

6. AO II sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

7. The pooling of all interests in the Bone Spring formation underlying the proposed unit and approving, to the extent necessary, the overlapping spacing unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

8. Approval of a non-standard spacing unit will allow AO II to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands and reduce surface disturbance.

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WHEREFORE, AO II requests this application be set for hearing before an Examiner of the Oil Conservation Division on May 8, 2025, and after notice and hearing as required by law, the Division enter its order:

A. Approving the non-standard spacing unit;

B. Pooling all uncommitted interests in Bone Spring formation underlying a horizontal spacing unit within the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico;

C. Designating AO II as operator of this unit and the wells to be drilled thereon;

D. Authorizing AO II to recover its costs of drilling, equipping and completing the wells;

E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and

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Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

By:/s/ Deana M. Bennett

Earl E. DeBrine, Jr. Deana M. Bennett Yarithza Peña Post Office Box 2168 500 Fourth Street NW, Suite 1000 Albuquerque, New Mexico 87103-2168 Telephone: 505.848.1800 edebrine@modrall.com deana.bennett@modrall.com yarithza.pena@modrall.com Attorneys for Avant Operating II, LLC CASE NO. 25348 : Application of Avant Operating II, LLC for approval of a non-standard spacing unit and compulsory pooling, Lea County, New Mexico. Applicant seeks an order from the Division approving a non-standard 560-acre, more or less, Bone Spring horizontal spacing unit and pooling all uncommitted interests in the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico in the Salt Lake; Bone Spring pool (Pool code 53560). This spacing unit will be dedicated to the following wells: Thai Curry 22-27 Fed Com #301H, Thai Curry 22-27 Fed Com #302H, Thai Curry 22-27 Fed Com #401H, Thai Curry 22-27 Fed Com #501H, Thai Curry 22-27 Fed Com #502H, Thai Curry 22-27 Fed Com #601H, and Thai Curry 22-27 Fed Com #602H wells with proposed surface hole locations in the NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and the Thai Curry 22-27 Fed Com #303H, Thai Curry 22-27 Fed Com #402H, Thai Curry 22-27 Fed Com #503H, and Thai Curry 22-27 Fed Com #603H wells with proposed surface hole locations in the N/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NW/4 SE/4 (Unit J) of Section 27. The wells will be drilled at orthodox locations. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Avant Operating II, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 36 miles southwest of Hobbs, New Mexico.



LAWYERS

May 8, 2025

<u>VIA CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

# Re: APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

CASE NO. 25347

# APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

**CASE NO. 25348** 

#### **TO: AFFECTED PARTIES**

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Yarithza Pena Tel: 505.848.1833 yarithza.pena@modrall.com Page 2

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You are further notified that if you desire to appear in these cases, then you are requested to file a Pre-Hearing Statement with the Division at least four Page 3

business days in advance of a scheduled hearing before the Division or the Commission, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date, with a copy delivered to the undersigned.

Sincerely,

Mauthy Per

Yarithza Peña Attorney for Applicant

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

# APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

## CASE NO. 25347

## **APPLICATION**

Avant Operating II, LLC ("AO II"), OGRID Number 332947, through its undersigned attorneys, hereby files this application with the Oil Conservation Division ("Division") pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (1) approving a non-standard unit, and (2) pooling all uncommitted interests within a non-standard 560-acre, more or less, Wolfcamp horizontal spacing unit comprised of the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico. In support of this application, AO II states as follows:

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5. The wells will be horizontally drilled, and the producing areas for the wells are expected to be orthodox.

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WHEREFORE, AO II requests this application be set for hearing before an Examiner of the Oil Conservation Division on May 8, 2025, and after notice and hearing as required by law, the Division enter its order: A. Approving the non-standard spacing unit;

B. Pooling all uncommitted interests in Wolfcamp formation underlying a horizontal spacing unit within the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico;

C. Designating AO II as operator of this unit and the wells to be drilled thereon;

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Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

By:/s/ Deana M. Bennett Earl E. DeBrine, Jr. Deana M. Bennett Yarithza Peña Post Office Box 2168 500 Fourth Street NW, Suite 1000 Albuquerque, New Mexico 87103-2168 Telephone: 505.848.1800 edebrine@modrall.com deana.bennett@modrall.com yarithza.pena@modrall.com Attorneys for Avant Operating II, LLC CASE NO. <sup>25347</sup> : Application of Avant Operating II, LLC for approval of a non-standard spacing unit and compulsory pooling, Lea County, New Mexico. Applicant seeks an order from the Division approving a non-standard 560-acre, more or less, Wolfcamp horizontal spacing unit and pooling all uncommitted interests in the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico, in the Salt Lake; Wolfcamp pool (Pool code 53570). This spacing unit will be dedicated to the following wells: the Thai Curry 22-27 Fed Com #701H, Thai Curry 22-27 Fed Com #721H, Thai Curry 22-27 Fed Com #722H, Thai Curry 22-27 Fed Com #801H, and Thai Curry 22-27 Fed Com #802H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and the Thai Curry 22-27 Fed Com #702H, Thai Curry 22-27 Fed Com #723H, and Thai Curry 22-27 Fed Com #803H wells with proposed surface hole locations in the N/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NW/4 SE/4 (Unit J) of Section 27. The wells will be drilled at orthodox locations. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Avant Operating II, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 36 miles southwest of Hobbs, New Mexico.

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

# APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

# CASE NO. \_25348

#### APPLICATION

Avant Operating II, LLC ("AO II"), OGRID Number 332947, through its undersigned attorneys, hereby files this application with the Oil Conservation Division ("Division") pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (1) approving a non-standard unit, and (2) pooling all uncommitted interests within a non-standard 560-acre, more or less, Bone Spring horizontal spacing unit comprised of the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico. In support of this application, AO II states as follows:

1. AO II has an interest in the subject lands and has a right to drill and operate a well thereon.

2. AO II seeks to dedicate the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico to form a nonstandard 560-acre, more or less, Bone Spring horizontal spacing unit (the "Unit") in the Salt Lake; Bone Spring pool (Pool code 53560) (the "Unit")

3. AO II seeks approval of the 560-acre non-standard spacing unit because approval of this application will allow AO II to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing.

4. AO II seeks to dedicate the Unit to the following wells:

- Thai Curry 22-27 Fed Com #301H, Thai Curry 22-27 Fed Com #302H, Thai Curry 22-27 Fed Com #401H, Thai Curry 22-27 Fed Com #501H, Thai Curry 22-27 Fed Com #502H, Thai Curry 22-27 Fed Com #601H, and Thai Curry 22-27 Fed Com #602H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and
- Thai Curry 22-27 Fed Com #303H, Thai Curry 22-27 Fed Com #402H, Thai Curry 22-27 Fed Com #503H, and Thai Curry 22-27 Fed Com #603H wells with proposed surface hole locations in the N/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NW/4 SE/4 (Unit J) of Section 27.

5. The wells will be horizontally drilled, and the producing areas for the wells are expected to be orthodox.

6. AO II sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

7. The pooling of all interests in the Bone Spring formation underlying the proposed unit and approving, to the extent necessary, the overlapping spacing unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

8. Approval of a non-standard spacing unit will allow AO II to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands and reduce surface disturbance.

WHEREFORE, AO II requests this application be set for hearing before an Examiner of the Oil Conservation Division on May 8, 2025, and after notice and hearing as required by law, the Division enter its order:

A. Approving the non-standard spacing unit;

B. Pooling all uncommitted interests in Bone Spring formation underlying a horizontal spacing unit within the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico;

C. Designating AO II as operator of this unit and the wells to be drilled thereon;

D. Authorizing AO II to recover its costs of drilling, equipping and completing the wells;

E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and

F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

By:/s/ Deana M. Bennett

Earl E. DeBrine, Jr. Deana M. Bennett Yarithza Peña Post Office Box 2168 500 Fourth Street NW, Suite 1000 Albuquerque, New Mexico 87103-2168 Telephone: 505.848.1800 <u>edebrine@modrall.com</u> <u>deana.bennett@modrall.com</u> <u>yarithza.pena@modrall.com</u> *Attorneys for Avant Operating II, LLC*  CASE NO. 25348 : Application of Avant Operating II, LLC for approval of a non-standard spacing unit and compulsory pooling, Lea County, New Mexico. Applicant seeks an order from the Division approving a non-standard 560-acre, more or less, Bone Spring horizontal spacing unit and pooling all uncommitted interests in the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico in the Salt Lake; Bone Spring pool (Pool code 53560). This spacing unit will be dedicated to the following wells: Thai Curry 22-27 Fed Com #301H, Thai Curry 22-27 Fed Com #302H, Thai Curry 22-27 Fed Com #401H, Thai Curry 22-27 Fed Com #501H, Thai Curry 22-27 Fed Com #502H, Thai Curry 22-27 Fed Com #601H, and Thai Curry 22-27 Fed Com #602H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and the Thai Curry 22-27 Fed Com #303H, Thai Curry 22-27 Fed Com #402H, Thai Curry 22-27 Fed Com #503H, and Thai Curry 22-27 Fed Com #603H wells with proposed surface hole locations in the N/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NW/4 SE/4 (Unit J) of Section 27. The wells will be drilled at orthodox locations. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Avant Operating II, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 36 miles southwest of Hobbs, New Mexico.

4

Karlene Schuman Modrall Sperling Roehl Harris & Sisk P.A. 500 Fourth Street, Suite 1000 Albuquerque NM 87102

#### **PS Form 3877**

# Type of Mailing: CERTIFIED MAIL 04/14/2025

# Firm Mailing Book ID: 286724

ine	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0133 9610 50	Saxum Asset Holdings, LP 5956 Sherry Lane, Ste. 1221 Dallas TX 75225	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
2	9314 8699 0430 0133 9610 67	Featherstone Development Corporation PO Box 429 Roswell NM 88202	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
3	9314 8699 0430 0133 9610 74	Prospector, LLC PO Box 429 Roswell NM 88202	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
4	9314 8699 0430 0133 9610 81	Big Three Energy Group, LLC 400 N. Pennsylvania Ave., Ste. 850 Roswell NM 88201	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
5	9314 8699 0430 0133 9610 98	MRC Permian Company 5400 LBJ Freeway, Ste. 1500 Dallas TX 75240	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
6	9314 8699 0430 0133 9611 04	Sitio Permian, LLC 1401 Lawrence Street, Ste. 1750 Denver CO 80202	\$2.04	5450 \$4.850 NIL		\$0.00	10375.0015Thai Notice
7	9314 8699 0430 0133 9611 11	Post Oak Crown Minerals 34 S. Wynden Drive, Ste. 210Houston, Texas 77056 Houston TX 77056	\$2,04	28.48 166 16 5052	\$2.62	\$0.00	10375.0015Thai Notice
8	9314 8699 0430 0133 9611 28	Sortida Resources, LLC PO Box 50820 Midland TX 79710	\$2.045 Fo	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
9	9314 8699 0430 0133 9611 35	Oak Valley Mineral and Land, LP PO Box 50820 Midland TX 79710	\$2.04	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$2.62	\$0.00	10375.0015Thai Notice
10	9314 8699 0430 0133 9611 42	Panhandle Properties, LLC PO Box 647 Artesia NM 88211	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
11	9314 8699 0430 0133 9611 59	Wilbur Herring& Dell Herring a/k/a Dell Louise Herring, as Trustees for Herring Trust 1310 Coronet Avenue Pasadena CA 91107	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
12	9314 8699 0430 0133 9611 66	Southpaw Land & Timber, LLC 4300 Macarthur Ave, Ste. 235 Dallas TX 75209	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
13	9314 8699 0430 0133 9611 73	Paloma Permian AssetCo, LLC 1100 Louisiana Street, Suite 5100 Houston TX 77002	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
14	9314 8699 0430 0133 9611 80		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
15	9314 8699 0430 0133 9611 97		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
ed to i	Imaging: 7/9/2025 8:12:54 Al					Avant Opera Case No. 25	

Exhibit D.2

Page 140 of 147

Karlene Schuman Modrall Sperling Roehl Harris & Sisk P.A. 500 Fourth Street, Suite 1000 Albuquerque NM 87102

#### **PS Form 3877**

#### Type of Mailing: CERTIFIED MAIL 04/14/2025

Page 141 of 147

# Firm Mailing Book ID: 286724

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
16	9314 8699 0430 0133 9612 03	Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
17	9314 8699 0430 0133 9612 10	Marie I. Baetz, Trustee of the Marie I Baetz Family 2012 Trust 633 Alta Avenue San Antonio TX 78209	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
18	9314 8699 0430 0133 9612 27	Barbara Shelby Baetz Shipper a/k/a Barbara B. Shipper 1626 Milford Avenue Houston TX 77006	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
19	9314 8699 0430 0133 9612 34	CSC3 Holdings, Ltd. 344 Terrell Road San Antonio TX 78209	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
20	9314 8699 0430 0133 9612 41	Fasken Land and Minerals, LTD 6101 Holiday Hill Road MIdland TX 79707	* 1 <sub>\$2.04</sub> APR 14	20\$4,85	\$2.62	\$0.00	10375.0015Thai Notice
21	9314 8699 0430 0133 9612 58	Earthstone Permian LLC Permian Resources 1400 Woodloch Forest Drive, Ste 300 The Woodlands TX 77380	\$2.04 MAIN OF	\$4.85 FICE USPS \$4.85	\$2.62	\$0.00	10375.0015Thai Notice
22	9314 8699 0430 0133 9612 65	Richard H. Schulze 12606 Cloverwood Drive Cypress TX 77429	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
23	9314 8699 0430 0133 9612 72	John R. Lewis 12606 Cloverwood Drive Cypress TX 77429	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
24	9314 8699 0430 0133 9612 89	The heir(s) or devisee(s) of David C. Stephenson appearing to be Richard T. Stephenson 4800 Redwood Littleton CO 80123	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
25	9314 8699 0430 0133 9612 96	Blue Star Royalty, LLC PO Box 470249 Fort Worth TX 76147	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
26	9314 8699 0430 0133 9613 02	TD Minerals, LLC 8111 Westchester, Suite 900 Dallas TX 75225	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
27	9314 8699 0430 0133 9613 19	David C. Lougee, Kipp Lougee Frederiksen and Fred Frederiksen, Trustees 6614 Northport Drive Dallas TX 75230	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
28	9314 8699 0430 0133 9613 26	Trobaugh Properties, A Texas GP 3300 N.A. Street, Bldg. 4-102 Midland TX 79705	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
29	9314 8699 0430 0133 9613 33	Ventura Oil & Gas, LLC 308 North Colorado Avenue, Suite 200 Midland TX 79701	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice

Karlene Schuman Modrall Sperling Roehl Harris & Sisk P.A. 500 Fourth Street, Suite 1000 Albuquerque NM 87102

#### **PS Form 3877**

# Type of Mailing: CERTIFIED MAIL 04/14/2025

Firm Mailing Book ID: 286724

ine	USPS Article Number	Name, Street, City, State, Zip		Postage	Service Fee	<b>RR</b> Fee	Rest.Del.Fee	Reference Contents
30	9314 8699 0430 0133 9613 40	PBC Resources, LLC 2209 Gulf Avenue Midland TX 79705		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
31	9314 8699 0430 0133 9613 57	Diaga Mineral Group, LLC 901 West Missouri Avenue Midland TX 79707		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
32	9314 8699 0430 0133 9613 64	Andrew H. Jackson 1905 North Midkiff Road Midland TX 79705		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
33	9314 8699 0430 0133 9613 71	Trainer Partners LTD. OE Squared Operating LLC 2925 Richmond Avenue, Suite 1200 Houston TX 77098		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
34	9314 8699 0430 0133 9613 88	SITL Energy, LLC 308 North Colorado Avenue, Suite 200 MIdland TX 79701		\$2.04	\$4.85	\$2.62	\$0.00 NM 8>	10375.0015Thai Notice
35	9314 8699 0430 0133 9613 95	BEXP II Omega Misc., LLC 5914 West Courtyard Drive, Suite 200 Austin TX 78730		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
36	9314 8699 0430 0133 9614 01	BEXP II Alpha LLC 5914 W. Courtyard Drive, Suite 200 Austin TX 78730		\$2.04	\$4.85 🗸	\$2.62 APR 1	2(\$0:00	10375.0015Thai Notice
37	9314 8699 0430 0133 9614 18	ConocoPhillips Attn: Land Department 600 W. Illinois Ave Midland TX 79701		\$2.04	\$4.85	\$2.62	\$0.00 FFICEUS \$0.00	10375.0015Thai Notice
38	9314 8699 0430 0133 9614 25	EOG Resources, LLC Attn: Land Department 5509 Champions Drive Midland TX 79706		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
39	9314 8699 0430 0133 9614 32	Coterra Energy Attn: Land Department 6001 Deauville Blvd, Suite #300N Midland TX 79706		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
40	9314 8699 0430 0133 9614 49	XTO Delaware Basin LLC Attn: Land Department 22777 Springwoods Village Spring TX 77389		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
			Totals:	\$81.60	\$194.00	\$104.80	\$0.00	
					Grand	Total:	\$380.40	

List Number of Pieces Listed by Sender

**Received at Post Office** 

Name of receiving employee

#### Received by OCD: 7/9/2025 8:12:05 AM

Karlene Schuman Modrall Sperling Roehl Harris & Sisk P.A. 500 Fourth Street, Suite 1000 Albuquerque NM 87102

#### **PS Form 3877**

#### Type of Mailing: CERTIFIED MAIL 05/08/2025

Firm Mailing Book ID: 288482

ine	USPS Article Number	Name, Street, City, State, Zip	P	ostage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0134 9312 67	Walter Duncan Oil, a limited partnership 100 N. Broadway Ave., Suite 2500 Oklahoma City OK 73102		\$1.77	\$4.85	\$2.62	\$0.00	10375.0016. Notice
2	9314 8699 0430 0134 9312 74	Club Oil & Gas Ltd. LLC 9540 Maroon Circle, Suite 210 Englewood CO 80112		\$1.77	\$4.85	\$2.62	\$0.00	10375.0016. Notice
3	9314 8699 0430 0134 9312 81	JWD, III, LLC 100 Park Ave., Suite 1200 Oklahoma City OK 73102		\$1.77	\$4.85	\$2.62	\$0.00	10375.0016. Notice
4	9314 8699 0430 0134 9312 98	Raymond T. Duncan Oil Properties, Ltd. 17777 South Harrison, Suite P-1 Denver CO 80210		\$1.77	\$4.85	\$2.62	\$0.00	10375.0016. Notice
5	9314 8699 0430 0134 9313 04	JoanRD Properties, LLC 8100 East Union Avenue, Suite 1905 Denver CO 80237		\$1.77	\$4.85	\$2.62	\$0.00	10375.0016. Notice
6	9314 8699 0430 0134 9313 11	J. Walter Duncan, Jr., Inc. 100 N. Broadway Ave., Suite 2500 Oklahoma City OK 73102		\$1.77	\$4.85	\$2.62	\$0.00	10375.0016. Notice
7	9314 8699 0430 0134 9313 28	Chevron U.S.A. Inc. 1400 Smith Street Houston TX 77002		\$1.77	\$4.85	\$2.62	\$0.00	10375.0016. Notice
8	9314 8699 0430 0134 9313 35	Civitas Permian Operating, LLC 555 17th Street, Suite 3700 Denver CO 80202	ALBUQUE	\$1.77 RQUE, NA	\$4.85	\$2.62	\$0.00	10375.0016. Notice
9	9314 8699 0430 0134 9313 42	R.K. Moore 3101 Sentinel Ave. Midland TX 79701	Real Press	φ1.//	\$4.85	\$2.62	\$0.00	10375.0016. Notice
			Totals:	\$15.93125	\$43.65	\$23.58	\$0.00	
				-269	Grand	Total:	\$83.16	
umber o by Seno	of Pieces Total Number of Pi der Received at Post O		ed: MAIN OFFIC	0511585				

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				ion Report Details - CertifiedPro.net Firm Mail Book ID= 286724						
Generated: 4/28/2025 2:14:08 PM										
USPS Article Number	Date Created	Reference Number	Name 1	Name 2	Citv	State	Zip	Mailing Status	Service Options	Mail Delivery Date
314869904300133961449	2025-04-14 10:46 AM	10375.0015Thai	XTO Delaware Basin LLC	Attn: Land Department	Spring	TX	77389	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 10:09 A
9314869904300133961432	2025-04-14 10:46 AM	10375.0015Thai	Coterra Energy	Attn: Land Department	Midland	ТΧ	79706	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 3:29 P
9314869904300133961425	2025-04-14 10:46 AM	10375.0015Thai	EOG Resources, LLC	Attn: Land Department	Midland	ТΧ	79706	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-21 8:23 A
9314869904300133961418	2025-04-14 10:46 AM	10375.0015Thai	ConocoPhillips	Attn: Land Department	Midland	ТΧ	79701	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-21 7:54 A
9314869904300133961401	2025-04-14 10:46 AM	10375.0015Thai	BEXP II Alpha LLC		Austin	ТΧ	78730	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 11:07 A
9314869904300133961395	2025-04-14 10:46 AM	10375.0015Thai	BEXP II Omega Misc., LLC		Austin	ТΧ	78730	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 11:12 A
314869904300133961388	2025-04-14 10:46 AM	10375.0015Thai	SITL Energy, LLC		Midland	ТΧ	79701	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 11:49 A
9314869904300133961371	2025-04-14 10:46 AM	10375.0015Thai	Trainer Partners LTD.	OE Squared Operating LLC	Houston	ТΧ	77098	Mailed	Return Receipt - Electronic, Certified Mail	
9314869904300133961364	2025-04-14 10:46 AM	10375.0015Thai	Andrew H. Jackson		Midland	ТΧ	79705	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-21 12:06 F
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314869904300133961333	2025-04-14 10:46 AM	10375.0015Thai	Ventura Oil & Gas, LLC		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 11:49 A
314869904300133961326	2025-04-14 10:46 AM	10375.0015Thai	Trobaugh Properties, A Texas GP		Midland	TX	79705	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 10:00 A
0314869904300133961319	2025-04-14 10:46 AM	10375.0015Thai	David C. Lougee, Kipp Lougee Frederiksen	and Fred Frederiksen. Trustees	Dallas	ТХ	75230	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 3:46 F
314869904300133961302	2025-04-14 10:46 AM	10375.0015Thai	TD Minerals, LLC	and fred frederiksen, frastees	Dallas	TX	75225	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 10:53 A
314869904300133961296	2025-04-14 10:46 AM	10375.0015Thai	Blue Star Royalty, LLC		Fort Worth	тх	76147	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 9:36 #
314869904300133961289	2025-04-14 10:46 AM	10375.0015Thai	The heir(s) or devisee(s) of David C. Stephenson	appearing to be Richard T. Stephenson	Littleton	со	80123	Returned to Sender	Return Receipt - Electronic, Certified Mail	2025-04-26 1:44 P
9314869904300133961272	2025-04-14 10:46 AM	10375.0015Thai	John R. Lewis	appearing to be menaru 1. Stephenson	Cypress	тх	77429	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-23 2:13 P
314869904300133961272	2025-04-14 10:46 AM	10375.0015Thai	Richard H. Schulze		Cypress	TX	77429	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-23 2:13 P
314869904300133961258	2025-04-14 10:46 AM	10375.0015Thai	Earthstone Permian LLC	Permian Resources	The Woodlands	TX	77380	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-23 2:13 P
				Perman Resources	Midland	TX	79707	Delivered		
9314869904300133961241	2025-04-14 10:46 AM	10375.0015Thai	Fasken Land and Minerals, LTD					To be Returned	Return Receipt - Electronic, Certified Mail	2025-04-18 9:25 A
314869904300133961234	2025-04-14 10:46 AM	10375.0015Thai	CSC3 Holdings, Ltd.		San Antonio	TX	78209		Return Receipt - Electronic, Certified Mail	
9314869904300133961227	2025-04-14 10:46 AM	10375.0015Thai	Barbara Shelby Baetz Shipper a/k/a	Barbara B. Shipper	Houston	TX	77006	Mailed	Return Receipt - Electronic, Certified Mail	
9314869904300133961210	2025-04-14 10:46 AM	10375.0015Thai	Marie I. Baetz, Trustee of the	Marie I Baetz Family 2012 Trust	San Antonio	TX	78209	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 4:32 F
314869904300133961203	2025-04-14 10:46 AM	10375.0015Thai	Bureau of Land Management		Santa Fe	NM	87508	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-16 12:33 P
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314869904300133961180	2025-04-14 10:46 AM	10375.0015Thai	Chief Capital (O&G) II LLC		Dallas	TX	75225	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-19 2:44 P
314869904300133961173	2025-04-14 10:46 AM	10375.0015Thai	Paloma Permian AssetCo, LLC		Houston	TX	77002	Mailed	Return Receipt - Electronic, Certified Mail	
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314869904300133961159	2025-04-14 10:46 AM	10375.0015Thai	Wilbur Herring& Dell Herring a/k/a Dell Louise	Herring, as Trustees for Herring Trust	Pasadena	CA	91107	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 3:15 F
314869904300133961142	2025-04-14 10:46 AM	10375.0015Thai	Panhandle Properties, LLC		Artesia	NM	88211	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 10:03 A
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314869904300133961111	2025-04-14 10:46 AM	10375.0015Thai	Post Oak Crown Minerals		Houston	TX	77056	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 12:46 F
314869904300133961104	2025-04-14 10:46 AM	10375.0015Thai	Sitio Permian, LLC		Denver	CO	80202	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 9:04 /
314869904300133961098	2025-04-14 10:46 AM	10375.0015Thai	MRC Permian Company		Dallas	TX	75240	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 4:17 P
314869904300133961081	2025-04-14 10:46 AM	10375.0015Thai	Big Three Energy Group, LLC		Roswell	NM	88201	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-21 11:07 /
314869904300133961074	2025-04-14 10:46 AM	10375.0015Thai	Prospector, LLC		Roswell	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 9:48 A
314869904300133961067	2025-04-14 10:46 AM	10375.0015Thai	Featherstone Development Corporation		Roswell	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 9:48 A
314869904300133961050	2025-04-14 10:46 AM	10375.0015Thai	Saxum Asset Holdings, LP		Dallas	ТΧ	75225	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-21 3:33 P

Avant Operating II, LLC Case No. 25348 Exhibit D.3

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Transaction Report Details - CertifiedPro.net Firm Mail Book ID= 288482 Generated: 6/24/2025 12:30:42 PM											
USPS Article Number	Date Created	Reference Number	Name 1	City	State	Zip	Mailing Status	Service Options	Mail Delivery Date		
9314869904300134931342	2025-05-08 8:48 AM	10375.0016.	R.K. Moore	Midland	ТΧ	79701	Delivered	Return Receipt - Electronic, Certified Mail	2025-05-12 1:05 PM		
9314869904300134931335	2025-05-08 8:48 AM	10375.0016.	Civitas Permian Operating, LLC	Denver	CO	80202	Delivered	Return Receipt - Electronic, Certified Mail	2025-05-12 1:03 PM		
9314869904300134931328	2025-05-08 8:48 AM	10375.0016.	Chevron U.S.A. Inc.	Houston	ТΧ	77002	Delivered	Return Receipt - Electronic, Certified Mail			
9314869904300134931311	2025-05-08 8:48 AM	10375.0016.	J. Walter Duncan, Jr., Inc.	Oklahoma City	OK	73102	Delivered	Return Receipt - Electronic, Certified Mail	2025-05-12 12:35 PM		
9314869904300134931304	2025-05-08 8:48 AM	10375.0016.	JoanRD Properties, LLC	Denver	CO	80237	Undelivered - To Be Returned	Return Receipt - Electronic, Certified Mail			
9314869904300134931298	2025-05-08 8:48 AM	10375.0016.	Raymond T. Duncan Oil Properties, Ltd.	Denver	CO	80210	Delivered	Return Receipt - Electronic, Certified Mail	2025-05-23 1:50 PM		
9314869904300134931281	2025-05-08 8:48 AM	10375.0016.	JWD, III, LLC	Oklahoma City	OK	73102	Delivered	Return Receipt - Electronic, Certified Mail	2025-05-12 12:35 PM		
9314869904300134931274	2025-05-08 8:48 AM	10375.0016.	Club Oil & Gas Ltd. LLC	Englewood	CO	80112	Delivered	Return Receipt - Electronic, Certified Mail	2025-05-12 7:39 PM		
9314869904300134931267	2025-05-08 8:48 AM	10375.0016.	Walter Duncan Oil, a limited partnership	Oklahoma City	ОК	73102	Delivered	Return Receipt - Electronic, Certified Mail	2025-05-12 12:35 PM		

# Affidavit of Publicatio

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was publishe in the regular and entire issue of said newspaper, and not a supplement thereo for a period of 1 issue(s).

> Beginning with the issue dated April 16, 2025 and ending with the issue dated April 16, 2025.

Jusil

Publisher

Sworn and subscribed to before me this 16th day of April 2025.

Business Manager

My commission expires January 29, 2027

(Seal) STATE OF NEW MEXICO NOTARY PUBLIC **GUSSIE RUTH BLACK** COMMISSION # 1087526 COMMISSION EXPIRES 01/29/2027

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said publication has been made.

April 16, 2025

April 16, 2025 CASE NO. 25347: Notice to all affected parties, as well as heirs and devisees of: Saxum Asset Holdings, LP; Featherstone Development Corporation; Prospector, LLC; Big Three Energy Group, LLC; Oak Valley Mineral and Land, LP; Panhandle Properties, LLC; Wilbur Herring and Dell Herring a/ka Dell Louise Herring, as trustees for the Herring 1990 Trust Restated 2011; Southpaw Land a Timber, LLC; Paloma Permian AssetCo, LLC; Chief Capital (O&G) II LLC; WR Non-Op LLC; Bureau of Land Management; Marie I. Baetz, Trustee of the Marie I. Baetz Family 2012 Trust; Barbara Shelby Baetz Shipper a/k/a Barbara B. Shipper; CSC3 Holdings, LtC; Faken Land and Minerals, LTD; Earthstone Permian Reseurces; Richard H. Schulze; John R. Lewis; The heir(s) or devisees(s) of David C. Stephenson, appearing to be Richard T. Stephenson; Blue Star Royalty, LLC; TD Minerals, LLC; David Charles Lougee, Kipp Lougee Frederiksen and Fred Frederiksen, Trustees of the Lougee Oil & Gas Trust; Trobaugh Properties, A Texas GP; Ventura Oil & Gas, LLC; PBC Resources, LLC; Diaga Mineral Group, LLC; Andrew H. Jackson; Trainer Partners LTD; SITL Energy, LC; BEXP II Omeg Misc., LLC; GEXP II Alpha LLC; ConcoCphillips; EOG Resources, LLC; Coterra Energy; XTO Delaware Basin LLC; of the Application of Avant Operating II, LLC for approval of a non-standard spacing unit and compulsory pooling, Lea County, New Mexico. The State of New Mexico through its Oil Conservation Division hereby gives notice that the Division will conduct a public hearing at 900 a.m. on May 8, 2025 to consider this application. The conference will be conducted in a hybrid fashion both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via a virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date http://www emmod.nm.gov/cod/hearing.info/. Applicant seeks an order from the

supervision, designation of Avant Operating II, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 36 miles southwest of Hobbs, New Mexico. CASE NO. 25348: Notice to all affected parties, as well as heirs and devisees of: Saxum Asset Holdings, LP; Featherstone Development Corporation; Prospector, LLC; Big Three Energy Group, LLC; MRC Permian Company; Sitio Permian, LLC; Post Oak Crown Minerals; Sortida Resources, LLC; Oak Valley Mineral and Land, LP; Panhandle Properties, LLC; Wilbur Herring and Dell Herring a/k/a Dell Louise Herring, as trustees for the Herring 1990 Trust Restated 2011; Southpaw Land & Timber, LLC; Ruran Permian AssetCo, LLC; Chelf Capital (O&G) II LLC; WR Non-Op LLC; Burzeau of Land Management; Marie I. Baetz, Trustee of the Marie I. Baetz Family 2012 Trust; Barbara Shelby Baetz Shipper a/k/a Barbara B. Shipper; CSC3 Holdings, Ltd.; Fasken Land and Minerals, LTD; Earthstone Permian LC Permian Resources; Richard H. Schulze; John R. Lewis; The heir(s) or devisees(s) of David C. Stephenson, appearing to be Richard T. Stephenson; Blue Star Royaliy, LLC; PBC Resources, LLC; Diaga Mineral Group, LLC; Andrew H. Jackson; Trainer Partners LTD; SITL Energy, LLC; BEXP II Omega Misc., LLC; BEXP II Alpha LLC; ConocoPhillips; EOG Resources, LLC; Detromare Basin LLC; of the Application of Avant Operating II, LLC for approval of a non-standard spacing unit and compulsory pooling, Lea County, New Mexico. The State of New Mexico: through its Oil Conservation Division hereby gives notice that the Division will conduct a public hearing at 1.220 South St. Francis Drive, 1st Filor, Santa Fe, NM 87505 and via a virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing at the Division approving a non-standard sector. Division hereby gives notice that the Division approving a non-standard sector and the NE/A and N/2SE/A of Section 27. Ted Com #602H, Hail Curry 22-27 Fed Com #30

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**DOLORES SERNA** MODRALL, SPERLING, ROEHL, HARRIS & P. O. BOX 2168 ALBUQUERQUE, NM 87103-2168

> Avant Operating II, LLC Case No. 25348 Exhibit D.4

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated May 11, 2025 and ending with the issue dated May 11, 2025.

Jass, Il

Publisher

Sworn and subscribed to before me this 11th day of May 2025.

ssiellith

**Business Manager** 

My commission expires

Jaruary 29, SPATE OF NEW MEXICO (Seal) NOTARY PUBLIC GUSSIE RUTH BLACK COMMISSION # 1087526 COMMISSION EXPIRES 01/29/2027

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said publication has been made.

#### LEGAL NOTICE May 11, 2025

CASE NO. 25347: Notice to all affected parties, as well as heirs and devisees of: Watter Duncan Oil, a limited partnership; Club Oil & Gas Ltd. LLC; JWD, III, LLC; Raymond T. Duncan Oil Properties, Ltd.; Joan RD Properties, LLC; J. Walter Duncan Jr., Inc.; Chevron U.S.A. Inc.; Civitas Permian Operating, LLC; R.K. Moore of the Application of Avant Operating II, LLC for approval of a non-standard spacing unit and compulsory pooling, Lea County, New Mexico. The State of New Mexico through its Oil Conservation Division hereby gives notice that the Division will conduct a status conference at 9:00 a.m. on May 22, 2025 with a hearing date to be determined for this application. The conference will be conducted in a hybrid fashion, both inperson at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via a virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: https://www.emnrd.nm.gov/ocd/hearing-info/. Applicant seeks an order from the Division approving a non-standard 560-acre, more or less, Wolfcamp horizontal spacing unit and pooling all uncommitted interests in the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27. Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico, in the Salt Lake; Wolfcamp pool (Pool code 5570). This spacing unit will be dedicated to the following wells: the Thai Curry 22-27 Fed Com #721H, Thai Curry 22-27 Fed Com #722H, Thai Curry 22-27 Fed Com #802H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit 1) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit 4) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit 4) of Section 27. Tow Healts will be drilled at orthodox locations. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs a

Mexico. CASE NO. 25348: Notice to all affected parties, as well as heirs and devisees of: Waiter Duncan Oil, a limited partnership; Club Oil & Gas Ltd. LLC; JWD, III, LLC; Raymond T. Duncan Oil Properties, Ltd.; Joan RD Properties, LLC; J. Waiter Duncan Jr., Inc.; Chevron U.S.A. Inc.; Civitas Permian Operating, LLC; R.K. Moore of the Application of Avant Operating II, LLC for approval of a non-standard spacing unit and compulsory pooling, Lea County, New Mexico. The State of New Mexico through its Oil Conservation Division hereby gives notice that the Division will conduct a status conference at 9:00 a.m. on May 22, 2025 with a hearing date to be determined for this application. The conference will be conducted in a hybrid tashion, both inperson at the Energy. Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via a virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: https://www.emnrd.nm.gov/ocd/hearing-info/. Applicant seeks an order from the Division approving a non-standard 560-acre, more or less, Bone Spring horizontal spacing unit and pooling all uncommitted interests in the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27. Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico in the Salt Lake; Bone Spring pool (Pool code 53560). This spacing unit will be dedicated to the following wells: Thai Curry 22-27 Fed Com #301H, Thai Curry 22-27 Fed Com #302H, Thai Curry 22-27 Fed Com #401H, Thai Curry 22-27 Fed Com #501H, Thai Curry 22-27 Fed Com #602H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit A) of Section 22, and proposed last take points in the NK/4 SE/4 (Unit A) of Section 22, and proposed last take points in the NK/4 SE/4 (Unit A)

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DOLORES SERNA MODRALL, SPERLING, ROEHL, HARRIS & P. O. BOX 2168 ALBUQUERQUE, NM 87103-2168