

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

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

CASE NO. 25348

NOTICE OF AMENDED EXHIBITS

As requested by the Hearing Examiner during the July 15, 2025 hearing in the above captioned case, Avant Operating II, LLC is submitting the attached amended exhibit packet, which includes an Amended Compulsory Pooling Checklist identifying the Thai Curry 22-27 Fed Com #502H well as a proximity tract well.

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

By: /s/ Yarithza Peña

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CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served on counsel of record by electronic mail on July 22, 2025.

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By: 
Yarithza Peña



**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 #602H
- Thai Curry 22-27 Fed Com #603H

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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-2** Wellbore Schematic
- B-3** Bone Spring Structure Map
- B-4** Cross-Section Locator Map
- B-5** Stratigraphic Cross Section: First Bone Spring
- B-6** Stratigraphic Cross Section: Second Bone Spring Shale
- B-7** Stratigraphic Cross Section: Second Bone Spring Sand
- B-8** 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
- D-4** 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	August 7, 2025
Applicant	Avant Operating II, LLC
Designated Operator & OGRID (affiliation if applicable)	Avant Operating II, LLC (OGRID No. 332947)
Applicant's Counsel:	Modrall, Sperling, Roehl, Harris, & Sisk, P.A.
Case Title:	Application 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 is approval of non-standard unit requested in this application?</u>	Yes. The unit is standard and identifies the Thai Curry 22-27 Fed Com #502H as the proximity tract well.
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	Yes, the completed interval for the Thai Curry 22-27 Fed Com #502H well is expected to be less than 330 feet from the adjoining tracts, thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit.
Proximity Defining Well: if yes, description	Thai Curry 22-27 Fed Com #502H
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	<i>API No. Pending</i> 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'
Well #3: Thai Curry 22-27 Fed Com #303H	<i>API No. Pending</i> 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	<i>API No. Pending</i> 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 TVD: 9,000'
Well #6: Thai Curry 22-27 Fed Com #402H	<i>API No. Pending</i> SHL: 420' FNL & 424' FEL, (Unit A), Section 22, T20S, R32E BHL: 1420' FSL & 1815' FEL, (Unit J) Section 27, T20S, R32E Completion Target: Second Bone Spring Completion Status: Standard Orientation: North/South TVD: 9,000'
Well #7: Thai Curry 22-27 Fed Com #501H	<i>API No. Pending</i> 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'
Well #13: Thai Curry 22-27 Fed Com #502H	<i>API No. Pending</i> 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'
Well #14: Thai Curry 22-27 Fed Com #503H	<i>API No. Pending</i> 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'
Well #7: Thai Curry 22-27 Fed Com #601H	<i>API No. Pending</i> SHL: 573' FNL & 351' FEL, (Unit A), Section 22, T20S, R32E BHL: 1420' FSL & 330' FEL, (Unit I) Section 27, T20S, R32E Completion Target: Third Bone Spring Completion Status: Standard Orientation: North/South TVD: 10,600'

Well #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'
Well #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	Exhibit A-2
Completion Target (Formation, TVD and MD)	Exhibit A-5
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000.00
Production Supervision/Month \$	\$1,000.00
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit D-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit D-2 and D-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit D-4
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including lease numbers and owners)	Exhibit A-3
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	Exhibit A-3
Pooled Parties (including ownership type)	Exhibit A-4
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit A-5
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A-6
Overhead Rates In Proposal Letter	Exhibit A-5
Cost Estimate to Drill and Complete	Exhibit A-5
Cost Estimate to Equip Well	Exhibit A-5
Cost Estimate for Production Facilities	Exhibit A-5
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-2
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B-3
HSU Cross Section	Exhibits B-5 to B-8

Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-2
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-4
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibit B-2
Structure Contour Map - Subsea Depth	Exhibits B-3
Cross Section Location Map (including wells)	Exhibits B-4
Cross Section (including Landing Zone)	Exhibits B-5; B-6; B-7; B-8
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Yarithza Pena
Signed Name (Attorney or Party Representative):	/s/ Yarithza Pena
Date:	7/21/2025

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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
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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).

9. 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 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 ("AFE") 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 non-consenting 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.

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.

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]

July 7, 2025

Date

A handwritten signature in blue ink, reading "Tiffany Sarantinos", written over a horizontal line.

Tiffany Sarantinos

**STATE OF NEW MEXICO
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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.

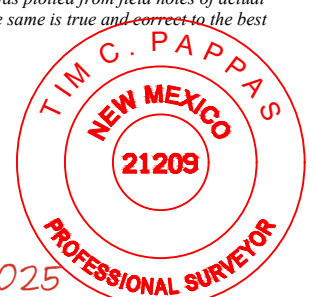
Respectfully submitted,

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

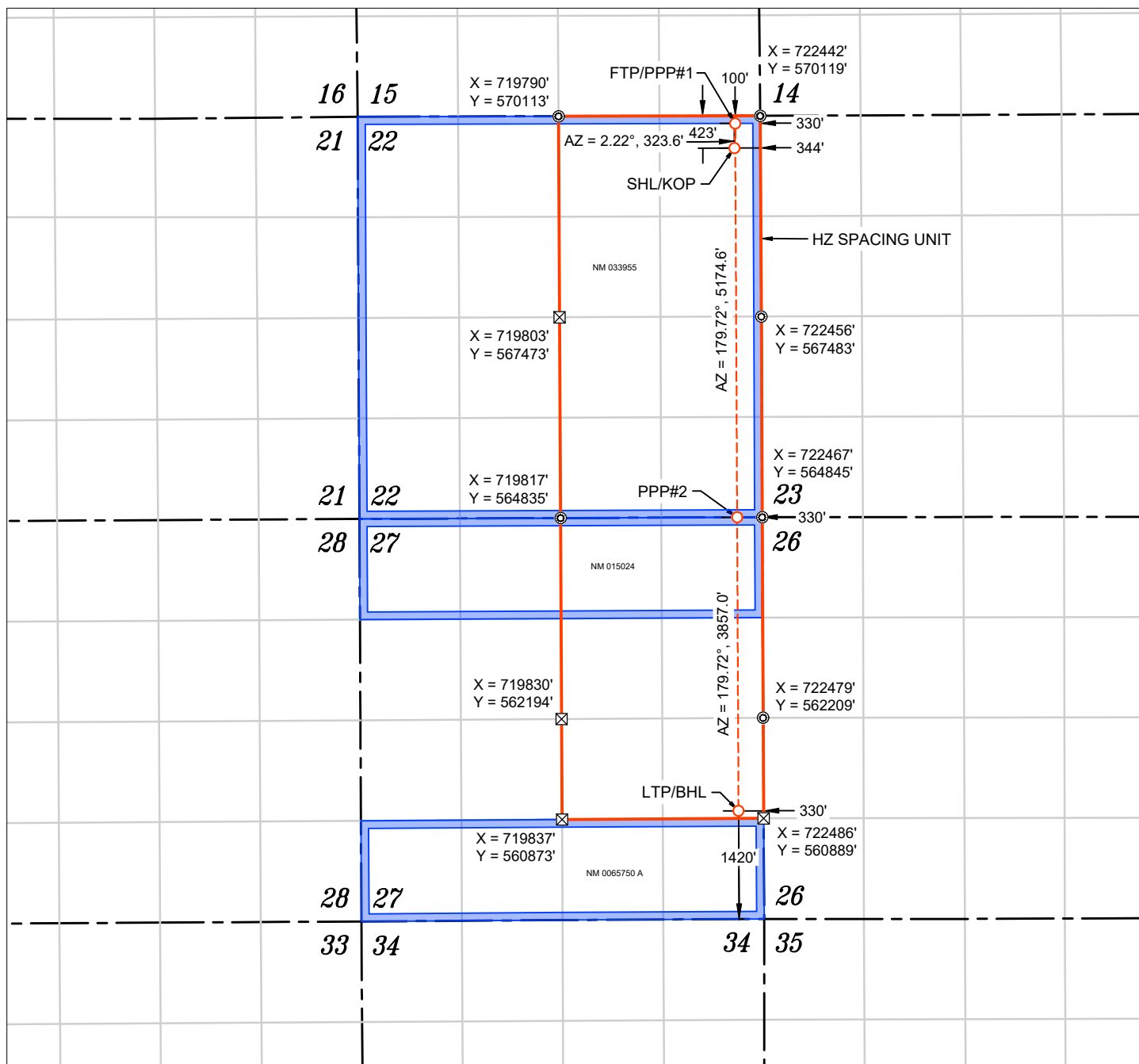
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Attorneys for Avant Operating II, LLC

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.

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C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Exhibit A-2		Revised July 9, 2024				
			Submittal Type:	☒ Initial Submittal					
				☐ Amended Report					
				☐ As Drilled					
WELL LOCATION INFORMATION									
API Number		Pool Code 53560		Pool Name Salt Lake; Bone Spring					
Property Code		Property Name THAI CURRY 22 27 FED COM			Well Number #301H				
OGRID No. 332947		Operator Name AVANT OPERATING II, LLC			Ground Level Elevation 3532'				
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal				Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal					
Surface Location									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 423' FNL	Ft. from E/W 344' FEL	Latitude 32.564778°	Longitude -103.746586°	County LEA
Bottom Hole Location									
UL I	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 330' FEL	Latitude 32.540842°	Longitude -103.746560°	County LEA
Dedicated Acres 560.00		Infill or Defining Well Infill		Defining Well API		Overlapping Spacing Unit (Y/N) No		Consolidation Code	
Order Numbers.				Well setbacks are under Common Ownership: ☐ Yes ☒ No					
Kick Off Point (KOP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 423' FNL	Ft. from E/W 344' FEL	Latitude 32.564778°	Longitude -103.746586°	County LEA
First Take Point (FTP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 330' FEL	Latitude 32.565667°	Longitude -103.746540°	County LEA
Last Take Point (LTP)									
UL I	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 330' FEL	Latitude 32.540842°	Longitude -103.746560°	County LEA
Unitized Area or Area of Uniform Interest		Spacing Unit Type ☒ Horizontal ☐ Vertical				Ground Floor Elevation: 3532'			
OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> Sarah Ferreyros 4/8/2025 Signature Date Sarah Ferreyros Printed Name sarah@avantnr.com Email Address					SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>  31 March 2025 Signature and Seal of Professional Surveyor 21209 MARCH 27, 2025 Certificate Number Date of Survey				

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



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

NAD 83 (SHL/KOP) 423' FNL & 344' FEL
LATITUDE = 32.564778°
LONGITUDE = -103.746586°
NAD 27 (SHL/KOP)
LATITUDE = 32.564656°
LONGITUDE = -103.746090°
STATE PLANE NAD 83 (N.M. EAST)
N: 569695.16' E: 722099.70'
STATE PLANE NAD 27 (N.M. EAST)
N: 569633.06' E: 680919.26'

NAD 83 (FTP/PPP#1) 100' FNL & 330' FEL
LATITUDE = 32.565667°
LONGITUDE = -103.746540°
NAD 27 (FTP/PPP#1)
LATITUDE = 32.565545°
LONGITUDE = -103.746044°
STATE PLANE NAD 83 (N.M. EAST)
N: 570018.52' E: 722112.21'
STATE PLANE NAD 27 (N.M. EAST)
N: 569956.41' E: 680931.78'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
NM 033955	5174.55'
NM 015024	1318.48'
S2/N2 & N2/S2 SEC 27	2538.51'
TOTAL	9031.54'

NAD 83 (PPP#2) 330' FEL
LATITUDE = 32.551444°
LONGITUDE = -103.746552°
NAD 27 (PPP#2)
LATITUDE = 32.551322°
LONGITUDE = -103.746056°
STATE PLANE NAD 83 (N.M. EAST)
N: 564844.03' E: 722137.12'
STATE PLANE NAD 27 (N.M. EAST)
N: 564782.05' E: 680956.55'

NAD 83 (LTP/BHL) 1420' FSL & 330' FEL
LATITUDE = 32.540842°
LONGITUDE = -103.746560°
NAD 27 (LTP/BHL)
LATITUDE = 32.540720°
LONGITUDE = -103.746065°
STATE PLANE NAD 83 (N.M. EAST)
N: 560987.09' E: 722155.92'
STATE PLANE NAD 27 (N.M. EAST)
N: 560925.21' E: 680975.24'

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

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



<u>C-102</u> Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☒ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION			
API Number	Pool Code 53560	Pool Name Salt Lake; Bone Spring	
Property Code	Property Name THAI CURRY 22 27 FED COM		Well Number #302H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC		Ground Level Elevation 3532'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal	

Surface Location									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 421' FNL	Ft. from E/W 404' FEL	Latitude 32.564786°	Longitude -103.746781°	County LEA

Bottom 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	1320' FEL	32.540841°	-103.749772°	LEA

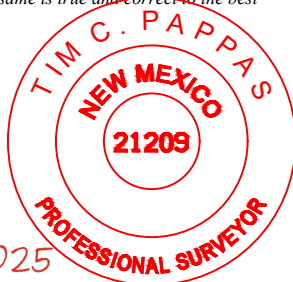
Dedicated Acres 560.00	Infill or Defining Well Infill	Defining Well API	Overlapping Spacing Unit (Y/N) No	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☒ No	

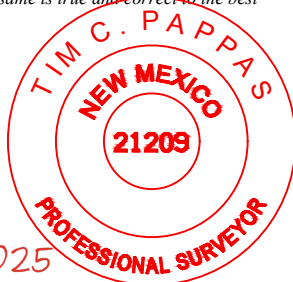
Kick Off Point (KOP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 421' FNL	Ft. from E/W 404' FEL	Latitude 32.564786°	Longitude -103.746781°	County LEA

First Take Point (FTP)									
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	22	20 S	32 E		100' FNL	1320' FEL	32.565675°	-103.749753°	LEA

Last Take Point (LTP)									
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	27	20 S	32 E		1420' FSL	1320' FEL	32.540841°	-103.749772°	LEA

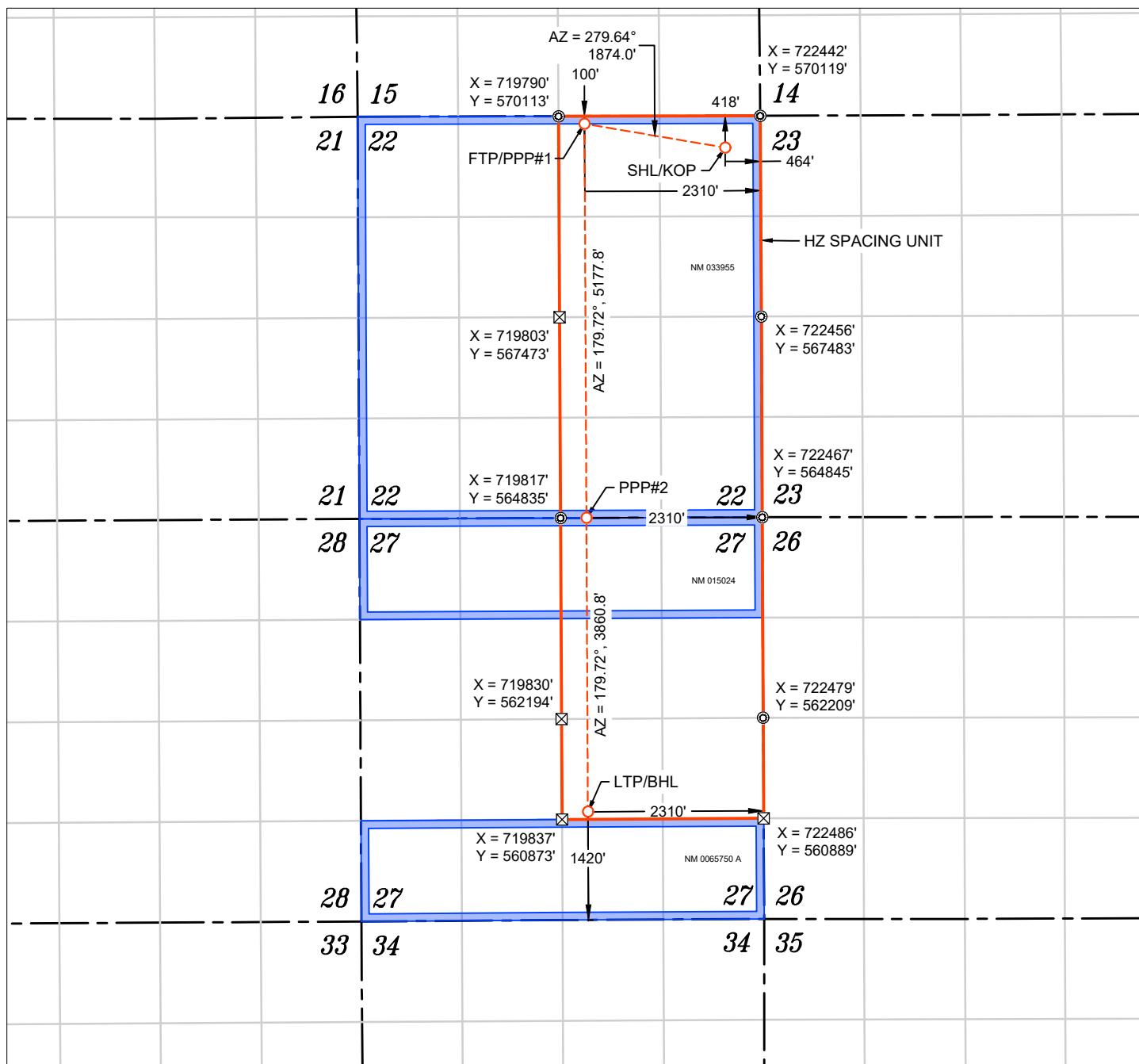
Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 3532'
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OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> <i>Sarah Ferreyros</i> 4/8/2025		SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>  31 March 2025 	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____	
Sarah Ferreyros		21209	MARCH 26, 2025
Printed Name _____ sarah@avantnr.com Email Address _____		Certificate Number _____	Date of Survey _____

OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> <i>Sarah Ferreyros</i> 4/8/2025		SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>  31 March 2025 	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____	
Sarah Ferreyros		21209	MARCH 26, 2025
Printed Name _____ sarah@avantnr.com Email Address _____		Certificate Number _____	Date of Survey _____

C-102 Submit Electronically Via OCD Permitting		State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION				Revised July 9, 2024			
		Submittal Type:		☒ Initial Submittal ☐ Amended Report ☐ As Drilled					
WELL LOCATION INFORMATION									
API Number		Pool Code 53560		Pool Name Salt Lake; Bone Spring					
Property Code		Property Name THAI CURRY 22 27 FED COM					Well Number #303H		
OGRID No. 332947		Operator Name AVANT OPERATING II, LLC					Ground Level Elevation 3532'		
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal					Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal				
Surface Location									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 418' FNL	Ft. from E/W 464' FEL	Latitude 32.564794°	Longitude -103.746975°	County LEA
Bottom Hole Location									
UL J	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 2310' FEL	Latitude 32.540840°	Longitude -103.752985°	County LEA
Dedicated Acres 560.00		Infill or Defining Well Infill		Defining Well API		Overlapping Spacing Unit (Y/N) N		Consolidation Code	
Order Numbers.						Well setbacks are under Common Ownership: ☐ Yes ☒ No			
Kick Off Point (KOP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 418' FNL	Ft. from E/W 464' FEL	Latitude 32.564794°	Longitude -103.746975°	County LEA
First Take Point (FTP)									
UL B	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 2310' FEL	Latitude 32.565684°	Longitude -103.752967°	County LEA
Last Take Point (LTP)									
UL J	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 2310' FEL	Latitude 32.540840°	Longitude -103.752985°	County LEA
Unitized Area or Area of Uniform Interest				Spacing Unit Type ☒ Horizontal ☐ Vertical			Ground Floor Elevation: 3532'		
OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> <i>Sarah Ferreyros</i> 4/8/2025					SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>   31 March 2025				
Signature					Signature and Seal of Professional Surveyor				
Printed Name Sarah Ferreyros					21209 MARCH 27, 2025				
Email Address sarah@avantnr.com					Certificate Number		Date of Survey		

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



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

NAD 83 (SHL/KOP) 418' FNL & 464' FEL
LATITUDE = 32.564794°
LONGITUDE = -103.746975°
NAD 27 (SHL/KOP)
LATITUDE = 32.564672°
LONGITUDE = -103.746479°
STATE PLANE NAD 83 (N.M. EAST)
N: 569700.20' E: 721979.80'
STATE PLANE NAD 27 (N.M. EAST)
N: 569638.10' E: 680799.37'

NAD 83 (FTP/PPP#1) 100' FNL & 2310' FEL
LATITUDE = 32.565684°
LONGITUDE = -103.752967°
NAD 27 (FTP/PPP#1)
LATITUDE = 32.565563°
LONGITUDE = -103.752470°
STATE PLANE NAD 83 (N.M. EAST)
N: 570013.89' E: 720132.21'
STATE PLANE NAD 27 (N.M. EAST)
N: 569951.79' E: 678951.80'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
NM 033955	5177.76'
NM 015024	1320.36'
S2/N2 & N2/S2 SEC 27	2540.47'
TOTAL	9038.59'

NAD 83 (PPP#2) 2310' FEL
LATITUDE = 32.551452°
LONGITUDE = -103.752977°
NAD 27 (PPP#2)
LATITUDE = 32.551330°
LONGITUDE = -103.752481°
STATE PLANE NAD 83 (N.M. EAST)
N: 564836.19' E: 720157.13'
STATE PLANE NAD 27 (N.M. EAST)
N: 564774.22' E: 678976.57'

NAD 83 (LTP/BHL) 1420' FSL & 2310' FEL
LATITUDE = 32.540840°
LONGITUDE = -103.752985°
NAD 27 (LTP/BHL)
LATITUDE = 32.540718°
LONGITUDE = -103.752489°
STATE PLANE NAD 83 (N.M. EAST)
N: 560975.41' E: 720175.95'
STATE PLANE NAD 27 (N.M. EAST)
N: 560913.53' E: 678995.29'

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

NOTES

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



C-102 Submit Electronically Via OCD Permitting		State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION				Revised July 9, 2024		
		Submittal Type:		☒ Initial Submittal ☐ Amended Report ☐ As Drilled				

WELL LOCATION INFORMATION									
API Number		Pool Code 53560		Pool Name Salt Lake; Bone Spring					
Property Code		Property Name THAI CURRY 22 27 FED COM					Well Number #401H		
OGRID No. 332947		Operator Name AVANT OPERATING II, LLC					Ground Level Elevation 3532'		
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal					Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal				

Surface Location									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 422' FNL	Ft. from E/W 364' FEL	Latitude 32.564781°	Longitude -103.746651°	County LEA

Bottom Hole Location									
UL I	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 825' FEL	Latitude 32.540842°	Longitude -103.748166°	County LEA

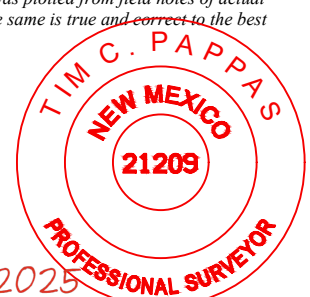
Dedicated Acres 560.00	Infill or Defining Well Infill	Defining Well API	Overlapping Spacing Unit (Y/N) No	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☒ No	

Kick Off Point (KOP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 422' FNL	Ft. from E/W 364' FEL	Latitude 32.564781°	Longitude -103.746651°	County LEA

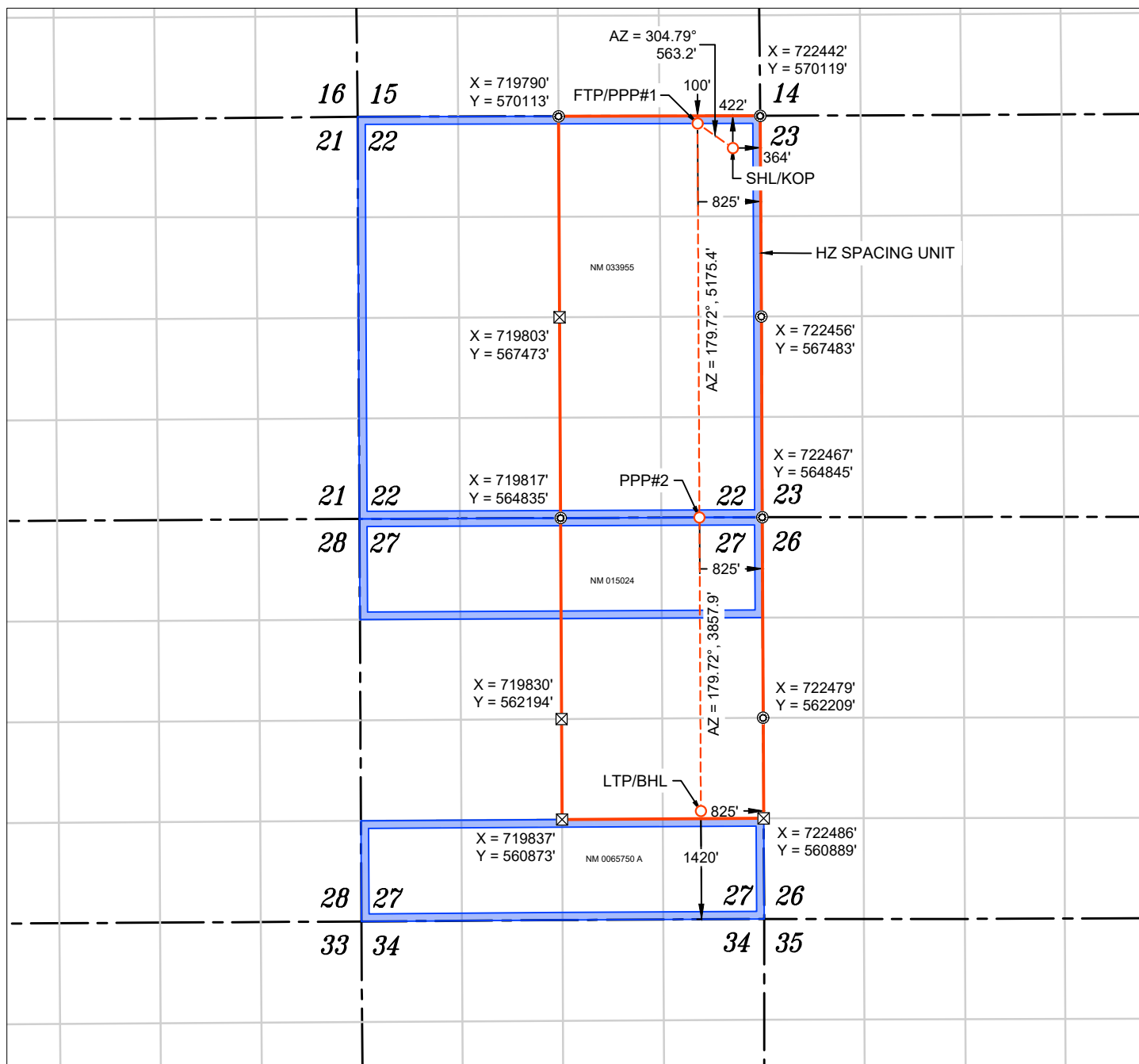
First Take Point (FTP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 825' FEL	Latitude 32.565671°	Longitude -103.748147°	County LEA

Last Take Point (LTP)									
UL I	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 825' FEL	Latitude 32.540842°	Longitude -103.748166°	County LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 3532'
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OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> <i>Sarah Ferreyros</i> 4/8/2025 Signature Date Sarah Ferreyros Printed Name sarah@avantnr.com Email Address	SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>   31 March 2025 Signature and Seal of Professional Surveyor 21209 MARCH 26, 2025 Certificate Number Date of Survey
--	---

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



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

NAD 83 (SHL/KOP) 422' FNL & 364' FEL
LATITUDE = 32.564781°
LONGITUDE = -103.746651°
NAD 27 (SHL/KOP)
LATITUDE = 32.564659°
LONGITUDE = -103.746155°
STATE PLANE NAD 83 (N.M. EAST)
N: 569696.00' E: 722079.72'
STATE PLANE NAD 27 (N.M. EAST)
N: 569633.90' E: 680899.29'

NAD 83 (FTP/PPP#1) 100' FNL & 825' FEL
LATITUDE = 32.565671°
LONGITUDE = -103.748147°
NAD 27 (FTP/PPP#1)
LATITUDE = 32.565549°
LONGITUDE = -103.747651°
STATE PLANE NAD 83 (N.M. EAST)
N: 570017.36' E: 721617.21'
STATE PLANE NAD 27 (N.M. EAST)
N: 569955.25' E: 680436.79'

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

NAD 83 (PPP#2) 825' FEL
LATITUDE = 32.551446°
LONGITUDE = -103.748158°
NAD 27 (PPP#2)
LATITUDE = 32.551324°
LONGITUDE = -103.747662°
STATE PLANE NAD 83 (N.M. EAST)
N: 564842.07' E: 721642.12'
STATE PLANE NAD 27 (N.M. EAST)
N: 564780.09' E: 680461.56'

NAD 83 (LTP/BHL) 1420' FSL & 825' FEL
LATITUDE = 32.540842°
LONGITUDE = -103.748166°
NAD 27 (LTP/BHL)
LATITUDE = 32.540720°
LONGITUDE = -103.747671°
STATE PLANE NAD 83 (N.M. EAST)
N: 560984.17' E: 721660.93'
STATE PLANE NAD 27 (N.M. EAST)
N: 560922.29' E: 680480.26'

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

NOTES

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
			Submittal Type:	☒ Initial Submittal
				☐ Amended Report
		☐ As Drilled		

WELL LOCATION INFORMATION

API Number	Pool Code 53560	Pool Name Salt Lake; Bone Spring
Property Code	Property Name THAI CURRY 22 27 FED COM	Well Number #402H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3532'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	22	20 S	32 E		420' FNL	424' FEL	32.564789°	-103.746846°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
J	27	20 S	32 E		1420' FSL	1815' FEL	32.540840°	-103.751378°	LEA

Dedicated Acres 560.00	Infill or Defining Well Infill	Defining Well API	Overlapping Spacing Unit (Y/N) No	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	Longitude	County
A	22	20 S	32 E		420' FNL	424' FEL	32.564789°	-103.746846°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	22	20 S	32 E		100' FNL	1815' FEL	32.565680°	-103.751360°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
J	27	20 S	32 E		1420' FSL	1815' FEL	32.540840°	-103.751378°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 3532'
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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

Sarah Ferreyros

Printed Name

sarah@avantnr.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Tim C. Pappas 31 March 2025

Signature and Seal of Professional Surveyor

21209

MARCH 27, 2025

Certificate Number

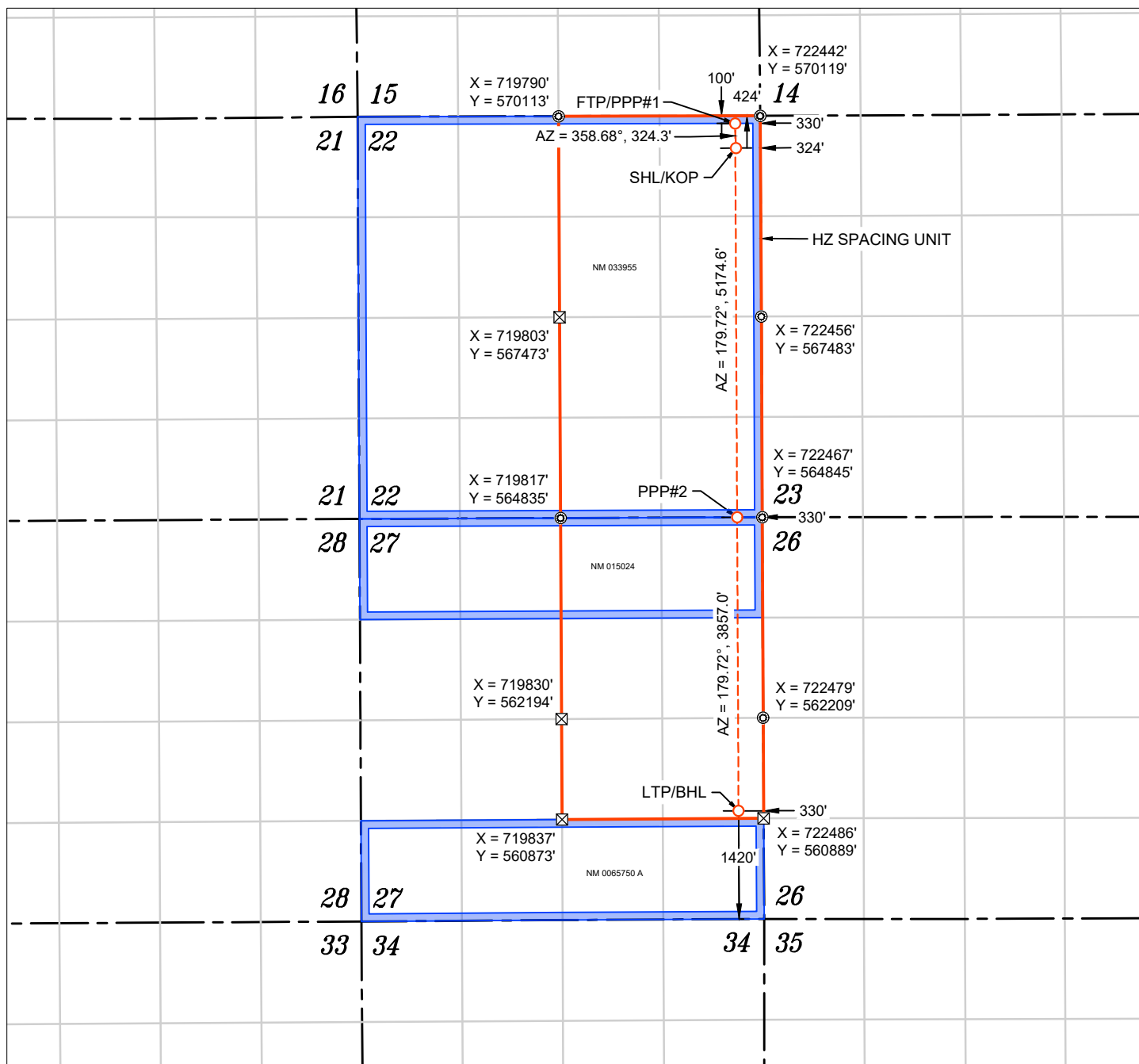
Date of Survey



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

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024						
			Submittal Type:	☒ Initial Submittal					
				☐ Amended Report					
		☐ As Drilled							
WELL LOCATION INFORMATION									
API Number		Pool Code 53560	Pool Name Salt Lake; Bone Spring						
Property Code		Property Name THAI CURRY 22 27 FED COM	Well Number #501H						
OGRID No. 332947		Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3532'						
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal			Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal						
Surface 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 32.564776°	Longitude -103.746521°	County LEA
Bottom Hole Location									
UL I	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 330' FEL	Latitude 32.540842°	Longitude -103.746560°	County LEA
Dedicated Acres 560.00		Infill or Defining Well Defining	Defining Well API		Overlapping Spacing Unit (Y/N) No		Consolidation Code		
Order Numbers.					Well setbacks are under Common Ownership: ☐ Yes ☒ No				
Kick Off Point (KOP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 424' FNL	Ft. from E/W 324' FEL	Latitude 32.564776°	Longitude -103.746521°	County LEA
First Take Point (FTP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 330' FEL	Latitude 32.565667°	Longitude -103.746540°	County LEA
Last Take Point (LTP)									
UL I	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 330' FEL	Latitude 32.540842°	Longitude -103.746560°	County LEA
Unitized Area or Area of Uniform Interest		Spacing Unit Type ☒ Horizontal ☐ Vertical			Ground Floor Elevation: 3532'				
OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> Sarah Ferreyros 4/8/2025 Signature Date Sarah Ferreyros Printed Name sarah@avantnr.com Email Address					SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>  31 March 2025 Signature and Seal of Professional Surveyor 21209 MARCH 27, 2025 Certificate Number Date of Survey				

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



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

NAD 83 (SHL/KOP) 424' FNL & 324' FEL
LATITUDE = 32.564776°
LONGITUDE = -103.746521°
NAD 27 (SHL/KOP)
LATITUDE = 32.564654°
LONGITUDE = -103.746025°
STATE PLANE NAD 83 (N.M. EAST)
N: 569694.32' E: 722119.68'
STATE PLANE NAD 27 (N.M. EAST)
N: 569632.22' E: 680939.24'

NAD 83 (FTP/PPP#1) 100' FNL & 330' FEL
LATITUDE = 32.565667°
LONGITUDE = -103.746540°
NAD 27 (FTP/PPP#1)
LATITUDE = 32.565545°
LONGITUDE = -103.746044°
STATE PLANE NAD 83 (N.M. EAST)
N: 570018.52' E: 722112.21'
STATE PLANE NAD 27 (N.M. EAST)
N: 569956.41' E: 680931.78'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
NM 033955	5174.55'
NM 015024	1318.48'
S2/N2 & N2/S2 SEC 27	2538.51'
TOTAL	9031.54'

NAD 83 (PPP#2) 330' FEL
LATITUDE = 32.551444°
LONGITUDE = -103.746552°
NAD 27 (PPP#2)
LATITUDE = 32.551322°
LONGITUDE = -103.746056°
STATE PLANE NAD 83 (N.M. EAST)
N: 564844.03' E: 722137.12'
STATE PLANE NAD 27 (N.M. EAST)
N: 564782.05' E: 680956.55'

NAD 83 (LTP/BHL) 1420' FSL & 330' FEL
LATITUDE = 32.540842°
LONGITUDE = -103.746560°
NAD 27 (LTP/BHL)
LATITUDE = 32.540720°
LONGITUDE = -103.746065°
STATE PLANE NAD 83 (N.M. EAST)
N: 560987.09' E: 722155.92'
STATE PLANE NAD 27 (N.M. EAST)
N: 560925.21' E: 680975.24'

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

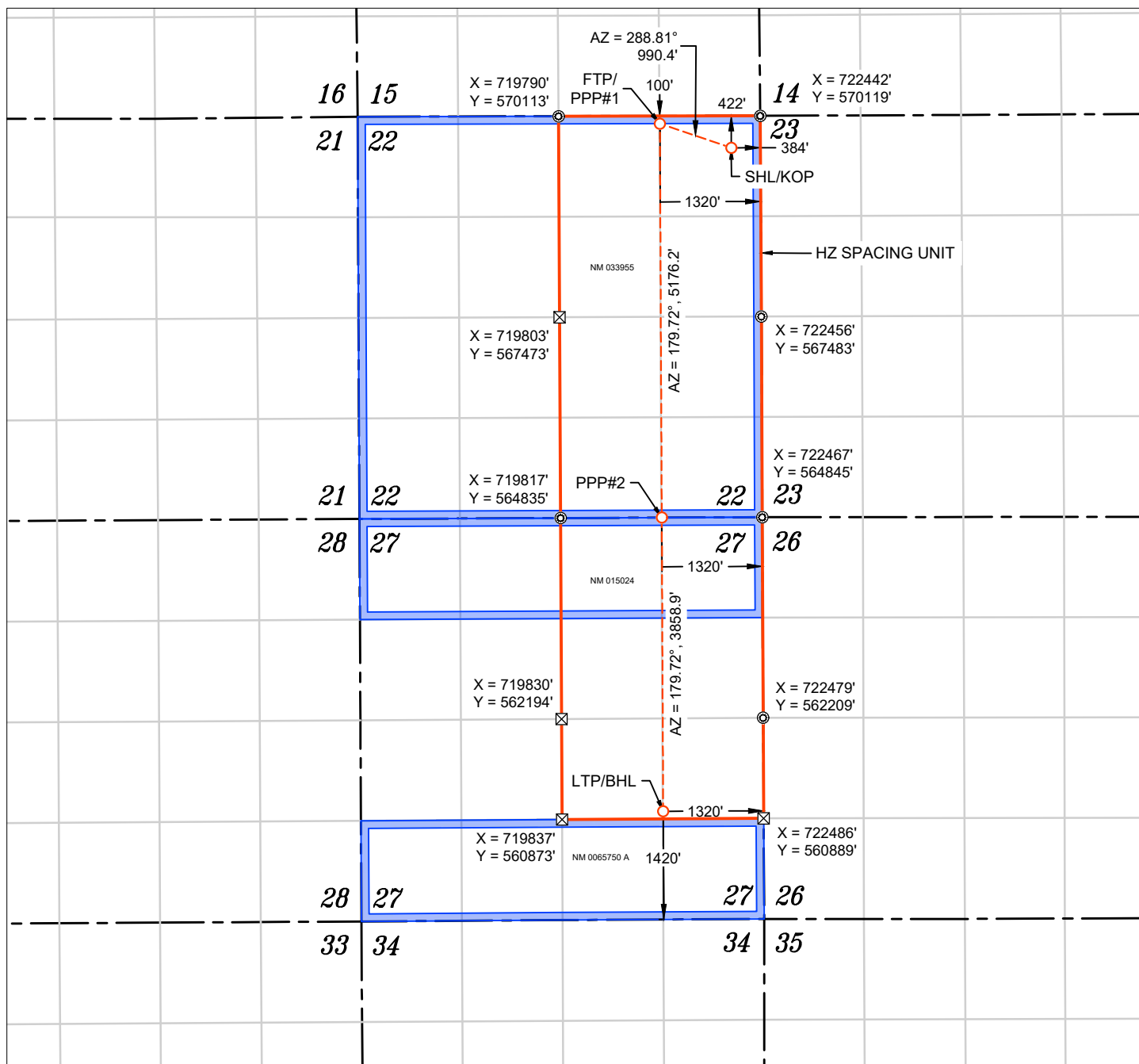
NOTES

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



C-102 Submit Electronically Via OCD Permitting		State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION				Revised July 9, 2024			
		Submittal Type:		☒ Initial Submittal ☐ Amended Report ☐ As Drilled					
WELL LOCATION INFORMATION									
API Number		Pool Code 53560		Pool Name Salt Lake; Bone Spring					
Property Code		Property Name THAI CURRY 22 27 FED COM				Well Number #502H			
OGRID No. 332947		Operator Name AVANT OPERATING II, LLC				Ground Level Elevation 3532'			
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal				Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal					
Surface Location									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 422' FNL	Ft. from E/W 384' FEL	Latitude 32.564783°	Longitude -103.746716°	County LEA
Bottom Hole Location									
UL I	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 1320' FEL	Latitude 32.540841°	Longitude -103.749772°	County LEA
Dedicated Acres 560.00		Infill or Defining Well Infill		Defining Well API		Overlapping Spacing Unit (Y/N) No		Consolidation Code	
Order Numbers.						Well setbacks are under Common Ownership: ☐ Yes ☒ No			
Kick Off Point (KOP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 422' FNL	Ft. from E/W 384' FEL	Latitude 32.564783°	Longitude -103.746716°	County LEA
First Take Point (FTP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 1320' FEL	Latitude 32.565675°	Longitude -103.749753°	County LEA
Last Take Point (LTP)									
UL I	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 1320' FEL	Latitude 32.540841°	Longitude -103.749772°	County LEA
Unitized Area or Area of Uniform Interest				Spacing Unit Type ☒ Horizontal ☐ Vertical			Ground Floor Elevation: 3532'		
OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> <i>Sarah Ferreyros</i> 4/8/2025					SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>  <i>31 March 2025</i>				
Signature Sarah Ferreyros					Signature and Seal of Professional Surveyor 21209 MARCH 27, 2025				
Printed Name sarah@avantnr.com					Certificate Number		Date of Survey		
Email Address									

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



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

NAD 83 (SHL/KOP) 422' FNL & 384' FEL
LATITUDE = 32.564783°
LONGITUDE = -103.746716°
NAD 27 (SHL/KOP)
LATITUDE = 32.564661°
LONGITUDE = -103.746220°
STATE PLANE NAD 83 (N.M. EAST)
N: 569696.84' E: 722059.73'
STATE PLANE NAD 27 (N.M. EAST)
N: 569634.74' E: 680879.30'

NAD 83 (FTP/PPP#1) 100' FNL & 1320' FEL
LATITUDE = 32.565675°
LONGITUDE = -103.749753°
NAD 27 (FTP/PPP#1)
LATITUDE = 32.565553°
LONGITUDE = -103.749257°
STATE PLANE NAD 83 (N.M. EAST)
N: 570016.21' E: 721122.21'
STATE PLANE NAD 27 (N.M. EAST)
N: 569954.10' E: 679941.79'

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

NAD 83 (PPP#2) 1320' FEL
LATITUDE = 32.551448°
LONGITUDE = -103.749765°
NAD 27 (PPP#2)
LATITUDE = 32.551326°
LONGITUDE = -103.749269°
STATE PLANE NAD 83 (N.M. EAST)
N: 564840.11' E: 721147.12'
STATE PLANE NAD 27 (N.M. EAST)
N: 564778.13' E: 679966.56'

NAD 83 (LTP/BHL) 1420' FSL & 1320' FEL
LATITUDE = 32.540841°
LONGITUDE = -103.749772°
NAD 27 (LTP/BHL)
LATITUDE = 32.540719°
LONGITUDE = -103.749276°
STATE PLANE NAD 83 (N.M. EAST)
N: 560981.25' E: 721165.94'
STATE PLANE NAD 27 (N.M. EAST)
N: 560919.37' E: 679985.27'

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

NOTES

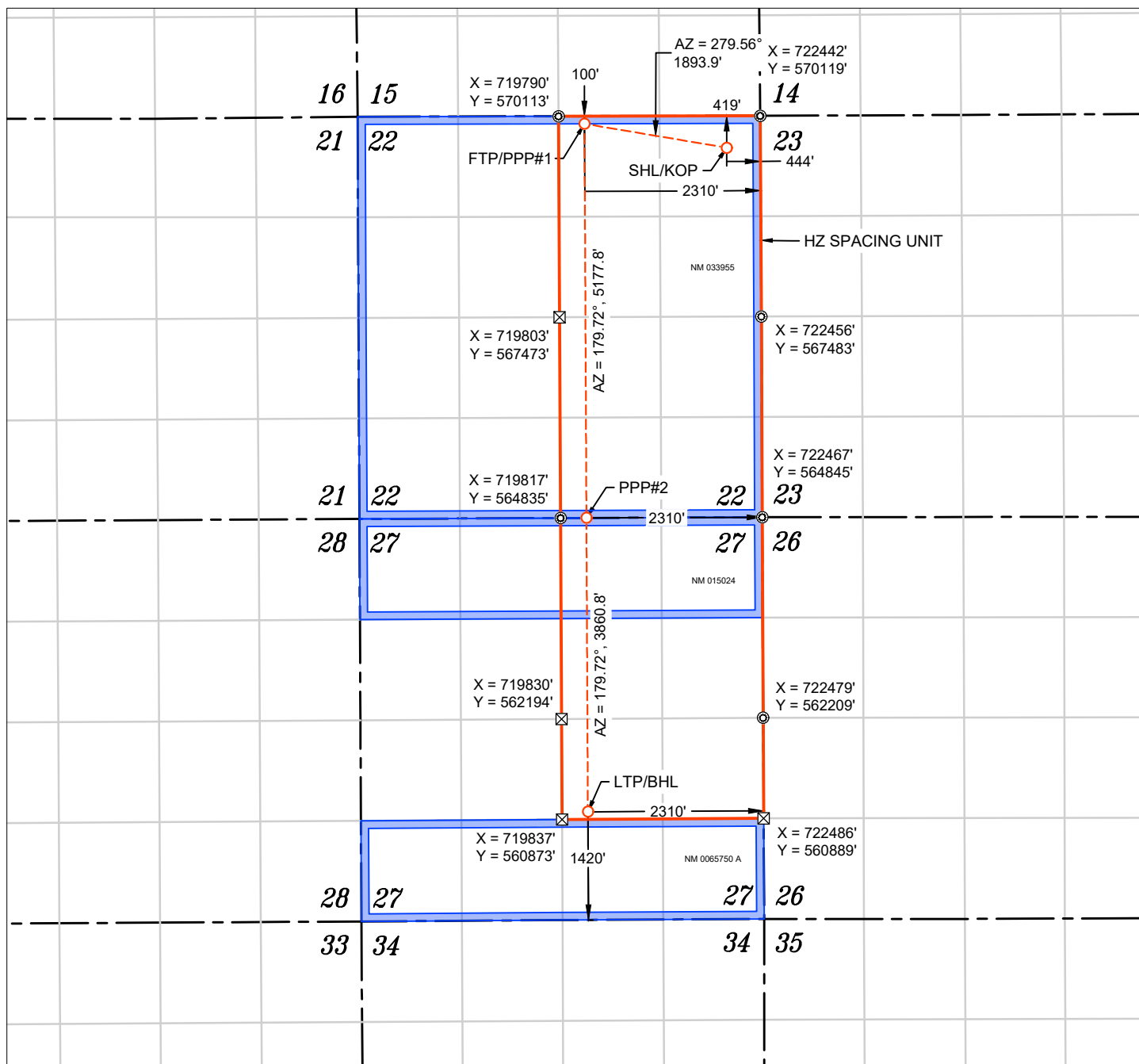
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3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.



SCALE: 1" = 2,000'

C-102 Submit Electronically Via OCD Permitting		State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION				Revised July 9, 2024			
		Submittal Type:		☒ Initial Submittal ☐ Amended Report ☐ As Drilled					
WELL LOCATION INFORMATION									
API Number		Pool Code 53560		Pool Name Salt Lake; Bone Spring					
Property Code		Property Name THAI CURRY 22 27 FED COM				Well Number #503H			
OGRID No. 332947		Operator Name AVANT OPERATING II, LLC				Ground Level Elevation 3532'			
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal				Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal					
Surface Location									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 419' FNL	Ft. from E/W 444' FEL	Latitude 32.564791°	Longitude -103.746910°	County LEA
Bottom Hole Location									
UL J	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 2310' FEL	Latitude 32.540840°	Longitude -103.752985°	County LEA
Dedicated Acres 560.00		Infill or Defining Well Infill		Defining Well API		Overlapping Spacing Unit (Y/N) No		Consolidation Code	
Order Numbers.						Well setbacks are under Common Ownership: ☐ Yes ☒ No			
Kick Off Point (KOP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 419' FNL	Ft. from E/W 444' FEL	Latitude 32.564791°	Longitude -103.746910°	County LEA
First Take Point (FTP)									
UL B	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 2310' FEL	Latitude 32.565684°	Longitude -103.752967°	County LEA
Last Take Point (LTP)									
UL J	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 2310' FEL	Latitude 32.540840°	Longitude -103.752985°	County LEA
Unitized Area or Area of Uniform Interest				Spacing Unit Type ☒ Horizontal ☐ Vertical			Ground Floor Elevation: 3532'		
OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> <i>Sarah Ferreyros</i> 4/8/2025					SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>  <i>31 March 2025</i>				
Signature _____ Date _____					Signature and Seal of Professional Surveyor				
Sarah Ferreyros					21209 MARCH 26, 2025				
Printed Name					Certificate Number		Date of Survey		
sarah@avantnr.com									
Email Address									

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



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

NAD 83 (SHL/KOP) 419' FNL & 444' FEL
LATITUDE = 32.564791°
LONGITUDE = -103.746910°
NAD 27 (SHL/KOP)
LATITUDE = 32.564669°
LONGITUDE = -103.746414°
STATE PLANE NAD 83 (N.M. EAST)
N: 569699.36' E: 721999.79'
STATE PLANE NAD 27 (N.M. EAST)
N: 569637.26' E: 680819.36'

NAD 83 (FTP/PPP#1) 100' FNL & 2310' FEL
LATITUDE = 32.565684°
LONGITUDE = -103.752967°
NAD 27 (FTP/PPP#1)
LATITUDE = 32.565563°
LONGITUDE = -103.752470°
STATE PLANE NAD 83 (N.M. EAST)
N: 570013.89' E: 720132.21'
STATE PLANE NAD 27 (N.M. EAST)
N: 569951.79' E: 678951.80'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
NM 033955	5177.76'
NM 015024	1320.36'
S2/N2 & N2/S2 SEC 27	2540.47'
TOTAL	9038.59'

NAD 83 (PPP#2) 2310' FEL
LATITUDE = 32.551452°
LONGITUDE = -103.752977°
NAD 27 (PPP#2)
LATITUDE = 32.551330°
LONGITUDE = -103.752481°
STATE PLANE NAD 83 (N.M. EAST)
N: 564836.19' E: 720157.13'
STATE PLANE NAD 27 (N.M. EAST)
N: 564774.22' E: 678976.57'

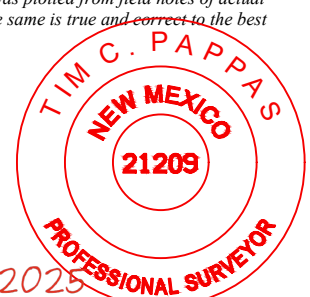
NAD 83 (LTP/BHL) 1420' FSL & 2310' FEL
LATITUDE = 32.540840°
LONGITUDE = -103.752985°
NAD 27 (LTP/BHL)
LATITUDE = 32.540718°
LONGITUDE = -103.752489°
STATE PLANE NAD 83 (N.M. EAST)
N: 560975.41' E: 720175.95'
STATE PLANE NAD 27 (N.M. EAST)
N: 560913.53' E: 678995.29'

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

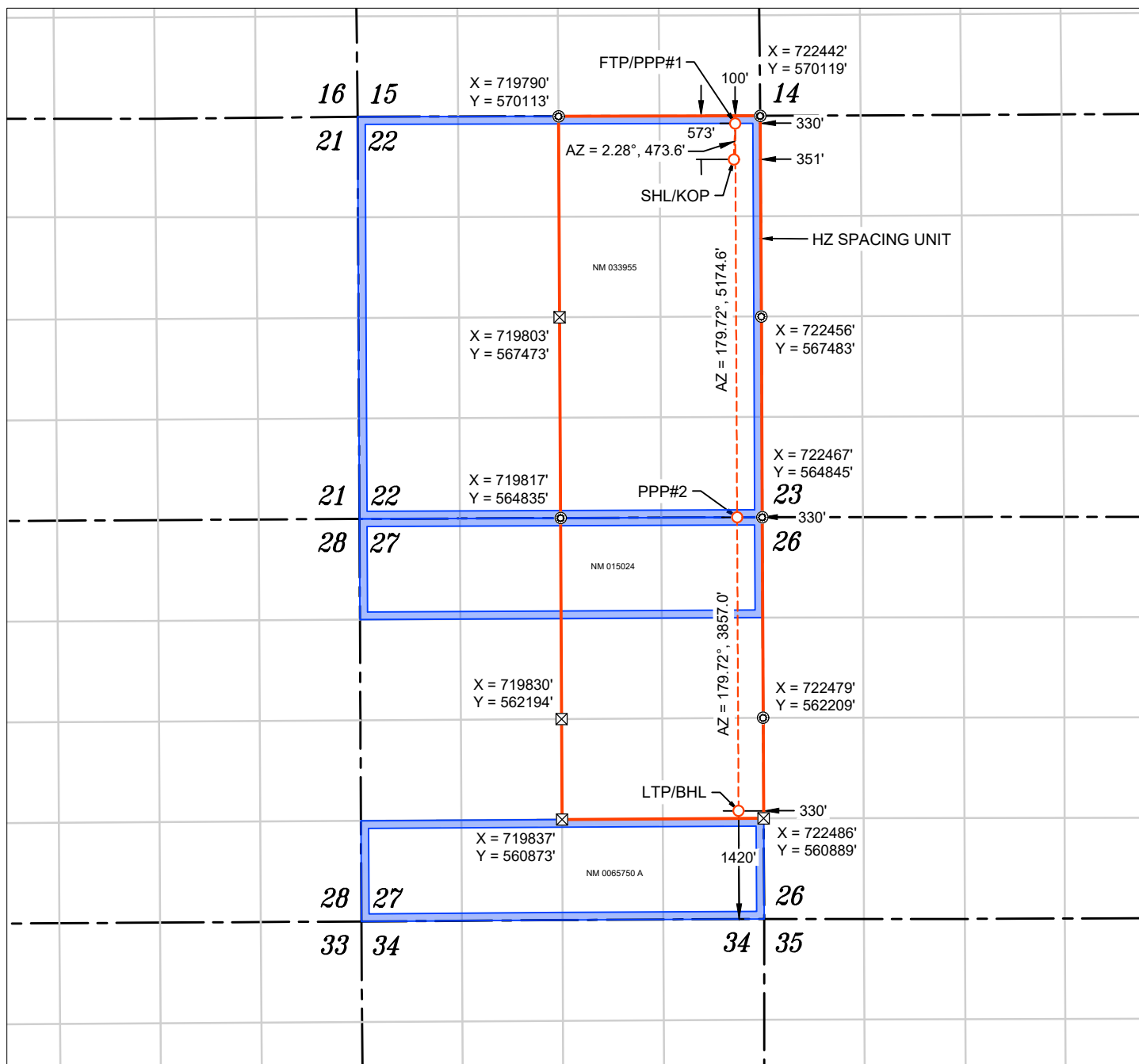
NOTES

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024						
			Submittal Type:	☒ Initial Submittal					
				☐ Amended Report					
		☐ As Drilled							
WELL LOCATION INFORMATION									
API Number		Pool Code 53560	Pool Name Salt Lake; Bone Spring						
Property Code		Property Name THAI CURRY 22 27 FED COM	Well Number #601H						
OGRID No. 332947		Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3533'						
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal			Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal						
Surface Location									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 573' FNL	Ft. from E/W 351' FEL	Latitude 32.564366°	Longitude -103.746609°	County LEA
Bottom Hole Location									
UL I	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 330' FEL	Latitude 32.540842°	Longitude -103.746560°	County LEA
Dedicated Acres 560.00		Infill or Defining Well Infill	Defining Well API		Overlapping Spacing Unit (Y/N) No		Consolidation Code		
Order Numbers.					Well setbacks are under Common Ownership: ☐ Yes ☒ No				
Kick Off Point (KOP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 573' FNL	Ft. from E/W 351' FEL	Latitude 32.564366°	Longitude -103.746609°	County LEA
First Take Point (FTP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 330' FEL	Latitude 32.565667°	Longitude -103.746540°	County LEA
Last Take Point (LTP)									
UL I	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 330' FEL	Latitude 32.540842°	Longitude -103.746560°	County LEA
Unitized Area or Area of Uniform Interest		Spacing Unit Type ☒ Horizontal ☐ Vertical			Ground Floor Elevation: 3533'				
OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> Sarah Ferreyros 4/8/2025 Signature Date Sarah Ferreyros Printed Name sarah@avantnr.com Email Address					SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>  31 March 2025 Signature and Seal of Professional Surveyor 21209 MARCH 27, 2025 Certificate Number Date of Survey				

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



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

NAD 83 (SHL/KOP) 573' FNL & 351' FEL
LATITUDE = 32.564366°
LONGITUDE = -103.746609°
NAD 27 (SHL/KOP)
LATITUDE = 32.564244°
LONGITUDE = -103.746113°
STATE PLANE NAD 83 (N.M. EAST)
N: 569545.30' E: 722093.41'
STATE PLANE NAD 27 (N.M. EAST)
N: 569483.20' E: 680912.97'

NAD 83 (FTP/PPP#1) 100' FNL & 330' FEL
LATITUDE = 32.565667°
LONGITUDE = -103.746540°
NAD 27 (FTP/PPP#1)
LATITUDE = 32.565545°
LONGITUDE = -103.746044°
STATE PLANE NAD 83 (N.M. EAST)
N: 570018.52' E: 722112.21'
STATE PLANE NAD 27 (N.M. EAST)
N: 569956.41' E: 680931.78'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
NM 033955	5174.55'
NM 015024	1318.48'
S2/N2 & N2/S2 SEC 27	2538.51'
TOTAL	9031.54'

NAD 83 (PPP#2) 330' FEL
LATITUDE = 32.551444°
LONGITUDE = -103.746552°
NAD 27 (PPP#2)
LATITUDE = 32.551322°
LONGITUDE = -103.746056°
STATE PLANE NAD 83 (N.M. EAST)
N: 564844.03' E: 722137.12'
STATE PLANE NAD 27 (N.M. EAST)
N: 564782.05' E: 680956.55'

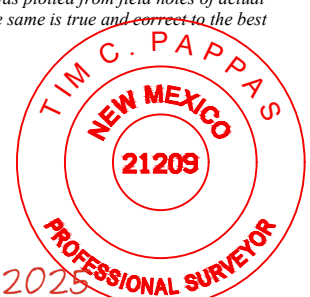
NAD 83 (LTP/BHL) 1420' FSL & 330' FEL
LATITUDE = 32.540842°
LONGITUDE = -103.746560°
NAD 27 (LTP/BHL)
LATITUDE = 32.540720°
LONGITUDE = -103.746065°
STATE PLANE NAD 83 (N.M. EAST)
N: 560987.09' E: 722155.92'
STATE PLANE NAD 27 (N.M. EAST)
N: 560925.21' E: 680975.24'

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

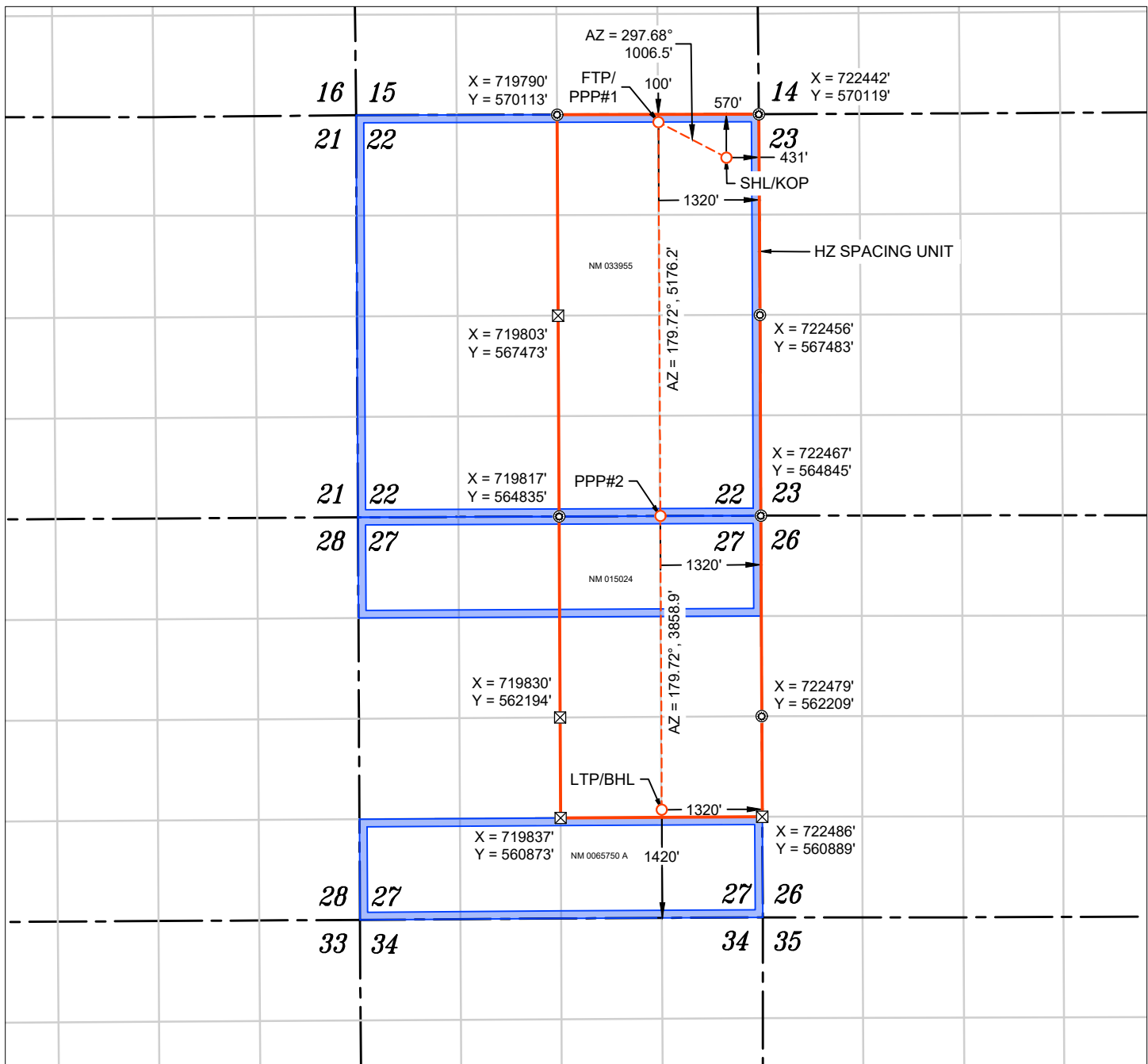
NOTES

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



C-102 Submit Electronically Via OCD Permitting		State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION				Revised July 9, 2024			
		Submittal Type:		☒ Initial Submittal ☐ Amended Report ☐ As Drilled					
WELL LOCATION INFORMATION									
API Number		Pool Code 53560		Pool Name Salt Lake; Bone Spring					
Property Code		Property Name THAI CURRY 22 27 FED COM				Well Number #602H			
OGRID No. 332947		Operator Name AVANT OPERATING II, LLC				Ground Level Elevation 3532'			
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal				Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal					
Surface Location									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 570' FNL	Ft. from E/W 431' FEL	Latitude 32.564377°	Longitude -103.746869°	County LEA
Bottom Hole Location									
UL I	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 1320' FEL	Latitude 32.540841°	Longitude -103.749772°	County LEA
Dedicated Acres 560.00		Infill or Defining Well Infill		Defining Well API		Overlapping Spacing Unit (Y/N) No		Consolidation Code	
Order Numbers.						Well setbacks are under Common Ownership: ☐ Yes ☒ No			
Kick Off Point (KOP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 570' FNL	Ft. from E/W 431' FEL	Latitude 32.564377°	Longitude -103.746869°	County LEA
First Take Point (FTP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 1320' FEL	Latitude 32.565675°	Longitude -103.749753°	County LEA
Last Take Point (LTP)									
UL I	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 1320' FEL	Latitude 32.540841°	Longitude -103.749772°	County LEA
Unitized Area or Area of Uniform Interest				Spacing Unit Type ☒ Horizontal ☐ Vertical			Ground Floor Elevation: 3532'		
OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> <i>Sarah Ferreyros</i> 4/8/2025					SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>   31 March 2025				
Signature _____ Date _____					Signature and Seal of Professional Surveyor				
Sarah Ferreyros					21209 MARCH 27, 2025				
Printed Name sarah@avantnr.com					Certificate Number		Date of Survey		
Email Address									

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



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

NAD 83 (SHL/KOP) 570' FNL & 431' FEL
LATITUDE = 32.564377°
LONGITUDE = -103.746869°
NAD 27 (SHL/KOP)
LATITUDE = 32.564255°
LONGITUDE = -103.746373°
STATE PLANE NAD 83 (N.M. EAST)
N: 569548.65' E: 722013.48'
STATE PLANE NAD 27 (N.M. EAST)
N: 569486.55' E: 680833.04'

NAD 83 (FTP/PPP#1) 100' FNL & 1320' FEL
LATITUDE = 32.565675°
LONGITUDE = -103.749753°
NAD 27 (FTP/PPP#1)
LATITUDE = 32.565553°
LONGITUDE = -103.749257°
STATE PLANE NAD 83 (N.M. EAST)
N: 570016.21' E: 721122.21'
STATE PLANE NAD 27 (N.M. EAST)
N: 569954.10' E: 679941.79'

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

NAD 83 (PPP#2) 1320' FEL
LATITUDE = 32.551448°
LONGITUDE = -103.749765°
NAD 27 (PPP#2)
LATITUDE = 32.551326°
LONGITUDE = -103.749269°
STATE PLANE NAD 83 (N.M. EAST)
N: 564840.11' E: 721147.12'
STATE PLANE NAD 27 (N.M. EAST)
N: 564778.13' E: 679966.56'

NAD 83 (LTP/BHL) 1420' FSL & 1320' FEL
LATITUDE = 32.540841°
LONGITUDE = -103.749772°
NAD 27 (LTP/BHL)
LATITUDE = 32.540719°
LONGITUDE = -103.749276°
STATE PLANE NAD 83 (N.M. EAST)
N: 560981.25' E: 721165.94'
STATE PLANE NAD 27 (N.M. EAST)
N: 560919.37' E: 679985.27'

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

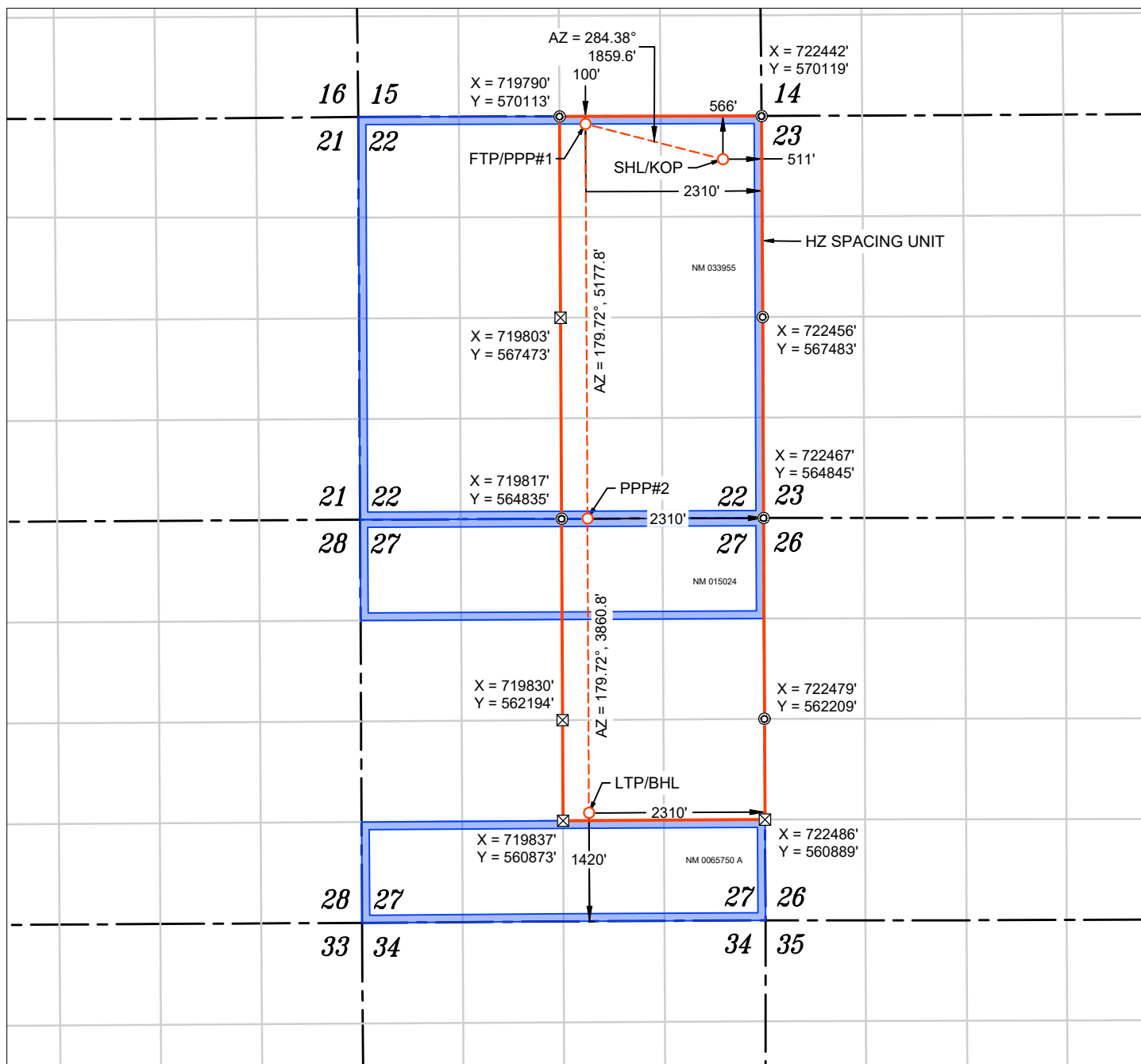
NOTES

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



C-102 Submit Electronically Via OCD Permitting		State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION				Revised July 9, 2024			
		Submittal Type:		☒ Initial Submittal ☐ Amended Report ☐ As Drilled					
WELL LOCATION INFORMATION									
API Number		Pool Code 53560		Pool Name Salt Lake; Bone Spring					
Property Code		Property Name THAI CURRY 22 27 FED COM				Well Number #603H			
OGRID No. 332947		Operator Name AVANT OPERATING II, LLC				Ground Level Elevation 3532'			
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal				Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal					
Surface Location									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 566' FNL	Ft. from E/W 511' FEL	Latitude 32.564387°	Longitude -103.747128°	County LEA
Bottom Hole Location									
UL J	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 2310' FEL	Latitude 32.540840°	Longitude -103.752985°	County LEA
Dedicated Acres 560.00		Infill or Defining Well Infill		Defining Well API		Overlapping Spacing Unit (Y/N) No		Consolidation Code	
Order Numbers.						Well setbacks are under Common Ownership: ☐ Yes ☒ No			
Kick Off Point (KOP)									
UL A	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 566' FNL	Ft. from E/W 511' FEL	Latitude 32.564387°	Longitude -103.747128°	County LEA
First Take Point (FTP)									
UL B	Section 22	Township 20 S	Range 32 E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 2310' FEL	Latitude 32.565684°	Longitude -103.752967°	County LEA
Last Take Point (LTP)									
UL J	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 2310' FEL	Latitude 32.540840°	Longitude -103.752985°	County LEA
Unitized Area or Area of Uniform Interest				Spacing Unit Type ☒ Horizontal ☐ Vertical			Ground Floor Elevation: 3532'		
OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> <i>Sarah Ferreyros</i> 4/8/2025					SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>   31 March 2025				
Signature					Signature and Seal of Professional Surveyor				
Sarah Ferreyros					21209 MARCH 27, 2025				
Printed Name					Certificate Number		Date of Survey		
sarah@avantnr.com									
Email Address									

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



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

NAD 83 (SHL/KOP) 566' FNL & 511' FEL
LATITUDE = 32.564387°
LONGITUDE = -103.747128°
NAD 27 (SHL/KOP)
LATITUDE = 32.564265°
LONGITUDE = -103.746632°
STATE PLANE NAD 83 (N.M. EAST)
N: 569552.01' E: 721933.55'
STATE PLANE NAD 27 (N.M. EAST)
N: 569489.91' E: 680753.11'

NAD 83 (FTP/PPP#1) 100' FNL & 2310' FEL
LATITUDE = 32.565684°
LONGITUDE = -103.752967°
NAD 27 (FTP/PPP#1)
LATITUDE = 32.565563°
LONGITUDE = -103.752470°
STATE PLANE NAD 83 (N.M. EAST)
N: 570013.89' E: 720132.21'
STATE PLANE NAD 27 (N.M. EAST)
N: 569951.79' E: 678951.80'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
NM 033955	5177.76'
NM 015024	1320.36'
S2/N2 & N2/S2 SEC 27	2540.47'
TOTAL	9038.59'

NAD 83 (PPP#2) 2310' FEL
LATITUDE = 32.551452°
LONGITUDE = -103.752977°
NAD 27 (PPP#2)
LATITUDE = 32.551330°
LONGITUDE = -103.752481°
STATE PLANE NAD 83 (N.M. EAST)
N: 564836.19' E: 720157.13'
STATE PLANE NAD 27 (N.M. EAST)
N: 564774.22' E: 678976.57'

NAD 83 (LTP/BHL) 1420' FSL & 2310' FEL
LATITUDE = 32.540840°
LONGITUDE = -103.752985°
NAD 27 (LTP/BHL)
LATITUDE = 32.540718°
LONGITUDE = -103.752489°
STATE PLANE NAD 83 (N.M. EAST)
N: 560975.41' E: 720175.95'
STATE PLANE NAD 27 (N.M. EAST)
N: 560913.53' E: 678995.29'

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

NOTES

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Lease Tract Map -

Thai Curry 22 27 Fed Com

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

#701H-#702H, #721H-#723H, #801H-#803H

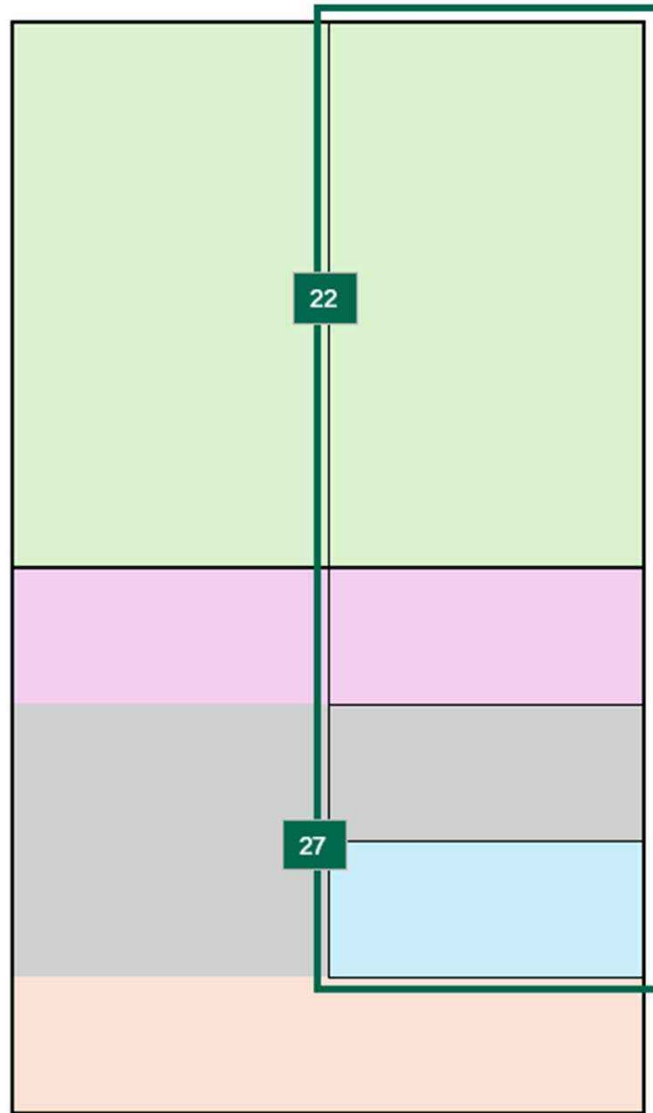
AOII, LLC

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

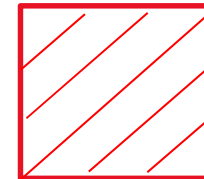
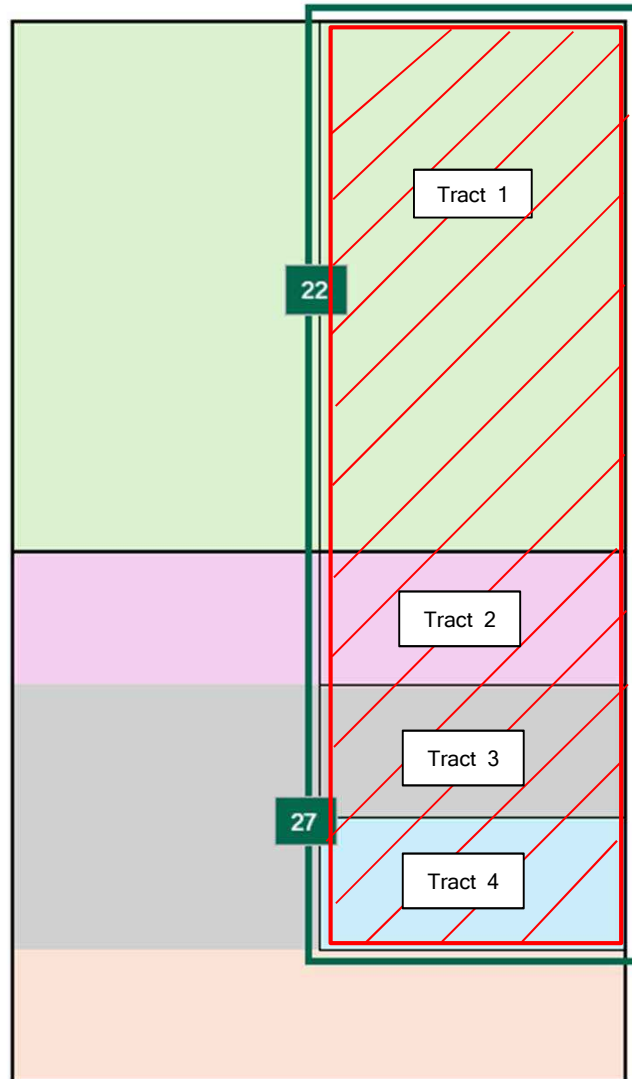
Thai Curry 22 27 Fed Com

#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



AOII Thai Curry Unit

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 with locations

Thai Curry 22 27 Fed Com - Bone Spring

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

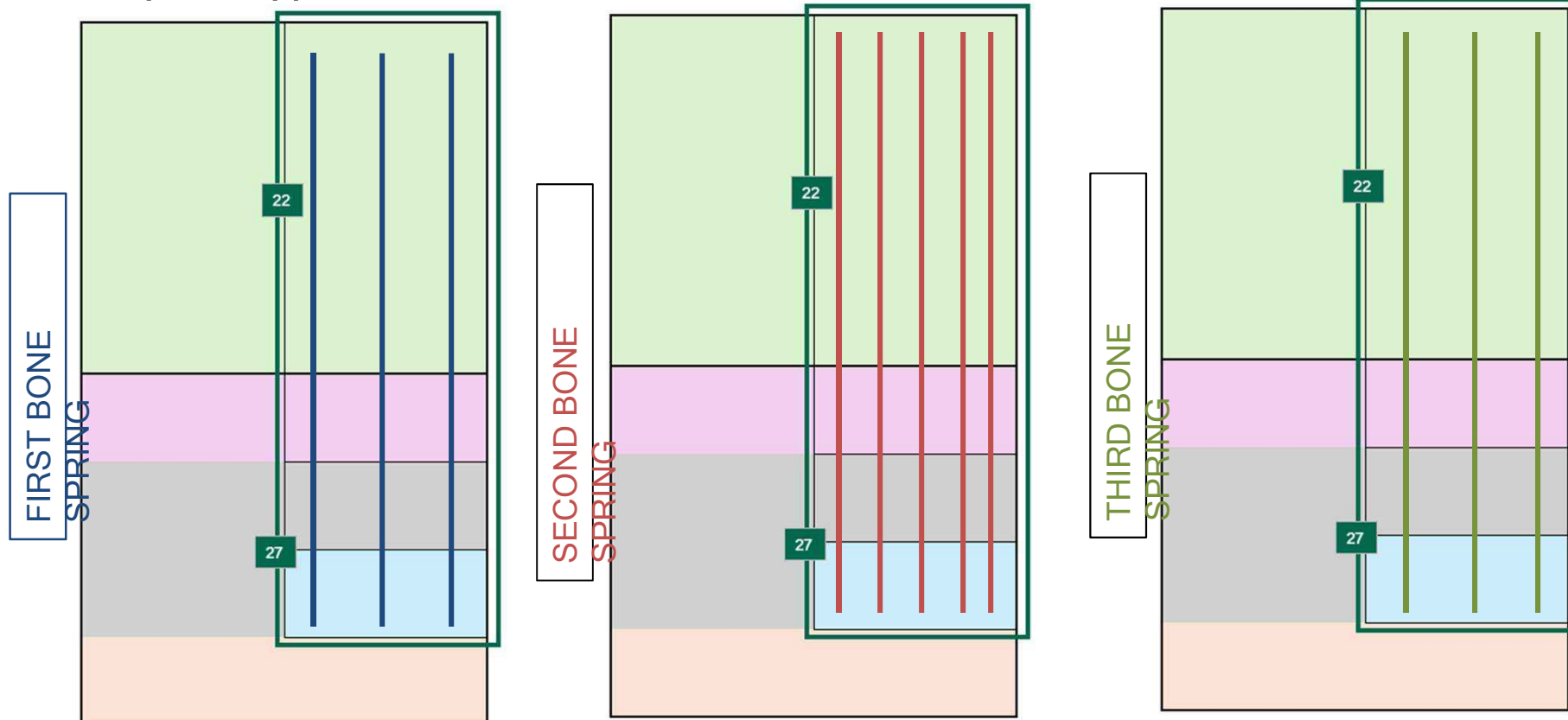
AOII, LLC

Case No. 25348

Exhibit A-3



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



Well Name	Pool Code
Thai Curry Fed Com #301H	53560 / Salt Lake; Bone Spring
Thai Curry Fed Com #302H	53560 / Salt Lake; Bone Spring
Thai Curry Fed Com #303H	53560 / Salt Lake; Bone Spring

Well Name	Pool Code
Thai Curry Fed Com #401H	53560 / Salt Lake; Bone Spring
Thai Curry Fed Com #402H	53560 / Salt Lake; Bone Spring
Thai Curry Fed Com #501H	53560 / Salt Lake; Bone Spring
Thai Curry Fed Com #502H	53560 / Salt Lake; Bone Spring
Thai Curry Fed Com #503H	53560 / Salt Lake; Bone Spring

Well Name	Pool Code
Thai Curry Fed Com #601H	53560 / Salt Lake; Bone Spring
Thai Curry Fed Com #602H	53560 / Salt Lake; Bone Spring
Thai Curry Fed Com #603H	53560 / Salt Lake; Bone Spring



NSSU Notice

Thai Curry 22 27 Fed Com

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

#701H-#702H, #721H-#723H, #801H-#803H

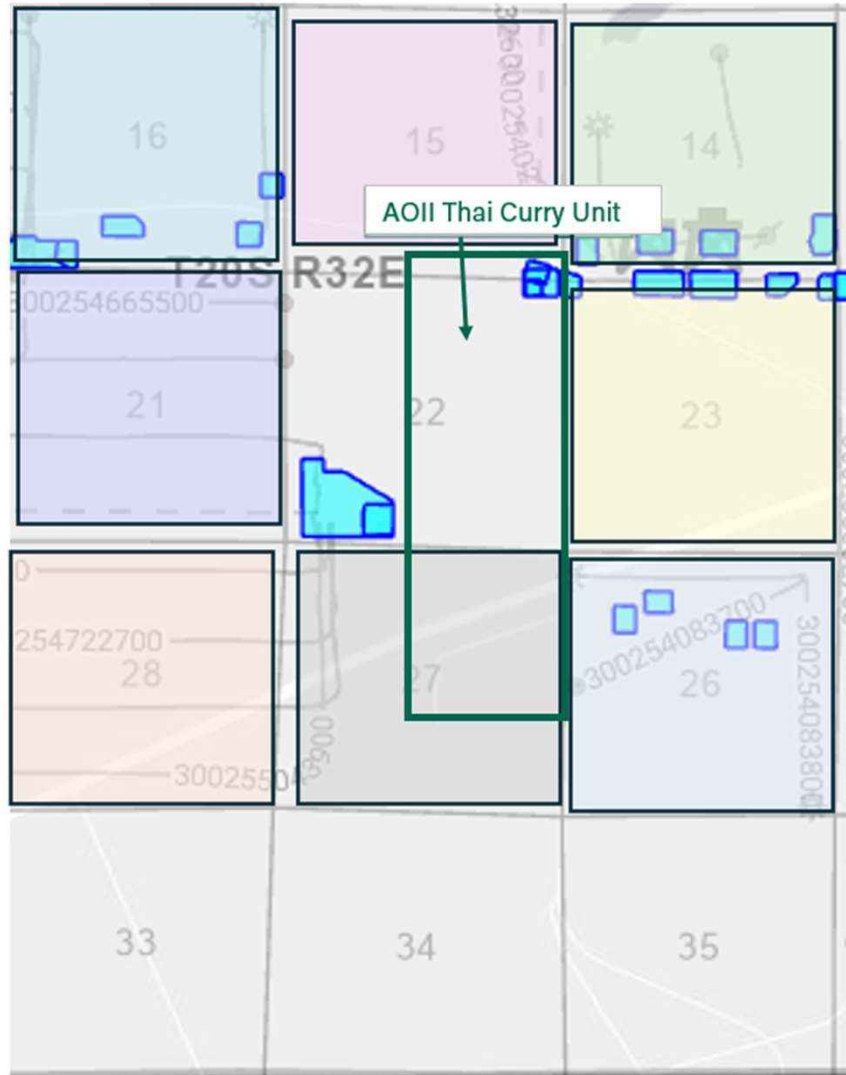
AOII, LLC

Case No. 25348 and 25347

Exhibit A-3



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

Thai Curry 22 27 Fed Com

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

#701H-#702H, #721H-#723H, #801H-#803H

AOII, LLC

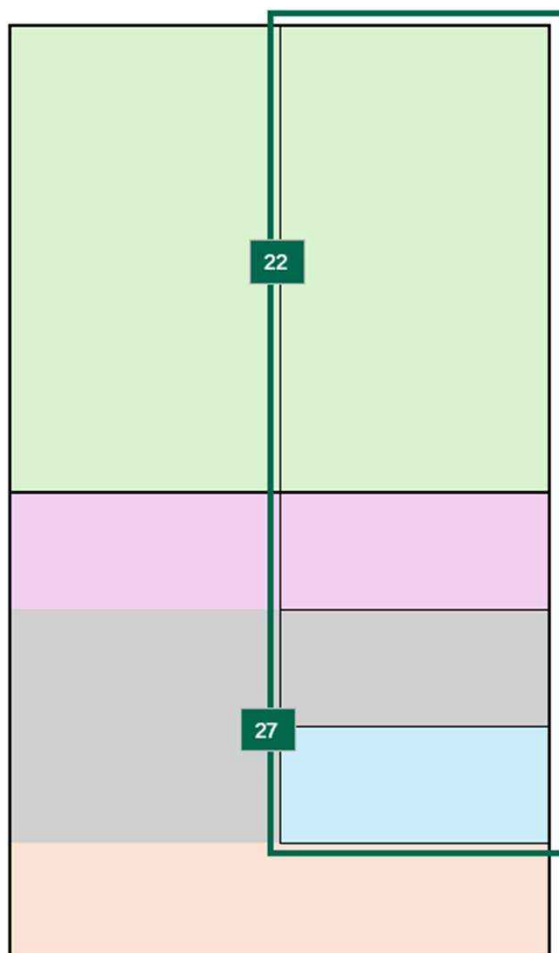
Case No. 25348 and 25347

Exhibit A-4



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

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, LLC
Case No. 25348
Exhibit A-4



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

UNIT BREAKOUT BY OWNER	Owner Type	NMA	Unit WI	Tract #	Status
AO II PERMIAN, LLC	WI	223.92	39.99%	1, 3, 4	OPERATOR
Civitas Permian Operating	WI	80.00	14.29%	2	Uncommitted - Compulsory Pool
Chief Capital (O&G) II LLC	WI	75.73	13.52%	1, 3, 4	JOA - Committed
MRC Permian Company	WI	38.67	6.90%	3	Uncommitted - Compulsory Pool
Paloma Permian Asset Co, LLC	WI	26.67	4.76%	3, 4	JOA - Committed
Earthstone Permian LLC	WI	25.94	4.63%	1	Uncommitted - Compulsory Pool Negotiating JOA
Trainer Partners LTD.	WI	25.94	4.63%	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
Southpaw Land & Timber, LLC	WI	8.00	1.43%	3, 4	JOA - Committed
WR Non-Op LLC	WI	6.67	1.19%	3	Leased Prospector, LLC WR Non-Op, LLC under JOA
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	1.28	0.23%	1	Uncommitted - Compulsory Pool **

560.00 100.00%

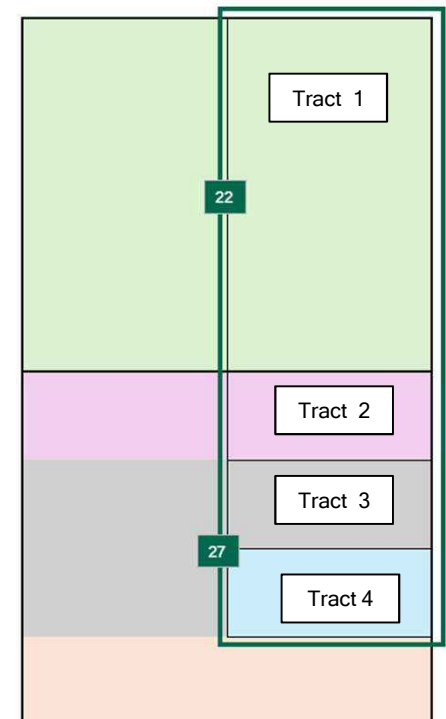
63.36% = Working Interest Control

MRC = 6.9% WI

Highlighted =
Parties to be Pooled

AOII = 39.99% WI

Committed Parties = 29.33% WI



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

** Supports Development, Received signed elections to participate



Summary of Interests - Bone Spring

Thai Curry 22 27 Fed Com

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

AOII, LLC

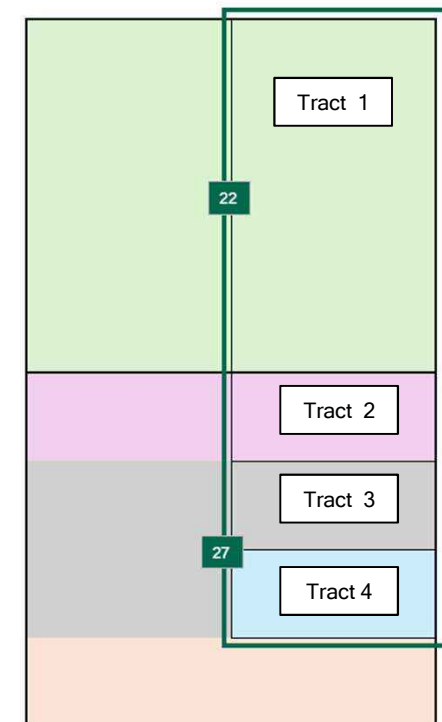
Case No. 25348

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



Summary of Interests - Bone Spring

Thai Curry 22 27 Fed Com

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

AOII, LLC

Case No. 25348

Exhibit A-4

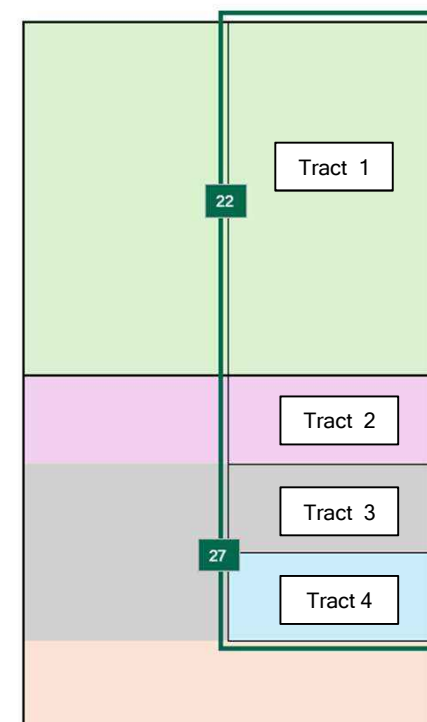


Summary of other Interest Owners to be Pooled:

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'.



- **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,

A handwritten signature in blue ink that reads "Tiffany Sarantinos".

Tiffany Sarantinos
Senior Landman
Enclosures

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

**BEXP II ALPHA, LLC hereby elects to:**

_____ 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 #301H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #301H** 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 #302H** well.

_____ Not to participate in the **Thai Curry Fed Com 22-27 Fed Com #302H** 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 #303H** well.

_____ Not to participate in **Thai Curry 22-27 Fed Com #303H** well.

_____ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating **Thai Curry 22-27 Fed Com #401H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #401H** 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 #402H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #402H** 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 #501H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #501H** 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 #502H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #502H** 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 #503H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #503H** 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 #601H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #601H** 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 #602H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #602H** 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 #603H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #603H** 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 #701H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #701H** 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 #702H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #702H** 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 #721H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #721H** 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 #722H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #722H** 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 #723H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #723H** 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 #801H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #801H** 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 #802H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #802H** 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 #802H** well.

_____ Not to participate in the **Thai Curry 22-27 Fed Com #802H** 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

By: _____

Printed Name: _____

Title: _____

Date: _____



AUTHORIZATION FOR EXPENDITURE

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

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 GBDC 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.

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

OPERATOR APPROVAL:



AUTHORIZATION FOR EXPENDITURE

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

TANGIBLE COSTS			Drilling	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 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	\$ -	\$ -	\$ 215,817	\$ 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 TANGIBLE COSTS >>>			\$ 905,956	\$ 564,558	\$ 703,983	\$ 2,174,497

INTANGIBLE 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



AUTHORIZATION FOR EXPENDITURE

	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	\$	-	\$	-	\$	25,201
	8200,170	Mud-Diesel	\$	112,239	\$	-	\$	-	\$	112,239
Intangible Completion			\$	-	\$	4,029,674	\$	-	\$	4,029,674
	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	\$	-	\$	46,338	\$	-	\$	46,338
	8300,270	Frac - Equipment	\$	-	\$	1,080,910	\$	-	\$	1,080,910
	8300,271	Coil Tubing	\$	-	\$	107,638	\$	-	\$	107,638
	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	\$	-	\$	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 Flowback			\$	-	\$	838,466	\$	-	\$	838,466
	8360,805	Trucked Water Disposal	\$	-	\$	21,464	\$	-	\$	21,464
	8360,810	Frac Water Recovery	\$	-	\$	497,122	\$	-	\$	497,122
	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
	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	\$	-	\$	-	\$	90,700	\$	90,700
	8350,419	Automation Labor	\$	-	\$	-	\$	13,233	\$	13,233
	8350,420	Electrical Labor	\$	-	\$	-	\$	48,800	\$	48,800
	8350,421	Commissioning	\$	-	\$	-	\$	2,300	\$	2,300
	8350,422	Flowline Labor	\$	-	\$	-	\$	19,300	\$	19,300
TOTAL INTANGIBLE COSTS >>>			\$	2,889,139	\$	4,978,290	\$	330,582	\$	8,198,011
TOTAL PROJECT COSTS >>>			\$	3,795,095	\$	5,542,848	\$	1,034,565	\$	10,372,508
				Drilling		Completion		Facility		Total



AUTHORIZATION FOR EXPENDITURE

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: _____

By: _____



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

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 GBDC 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.

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

OPERATOR APPROVAL:



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

TANGIBLE COSTS			Drilling	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 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	\$ -	\$ -	\$ 215,817	\$ 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 TANGIBLE COSTS >>>			\$ 905,956	\$ 564,558	\$ 703,983	\$ 2,174,497

INTANGIBLE 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



AUTHORIZATION FOR EXPENDITURE

	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	\$	-	\$	-	\$	25,201
	8200,170	Mud-Diesel	\$	112,239	\$	-	\$	-	\$	112,239
Intangible Completion			\$	-	\$	4,029,674	\$	-	\$	4,029,674
	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	\$	-	\$	46,338	\$	-	\$	46,338
	8300,270	Frac - Equipment	\$	-	\$	1,080,910	\$	-	\$	1,080,910
	8300,271	Coil Tubing	\$	-	\$	107,638	\$	-	\$	107,638
	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	\$	-	\$	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 Flowback			\$	-	\$	838,466	\$	-	\$	838,466
	8360,805	Trucked Water Disposal	\$	-	\$	21,464	\$	-	\$	21,464
	8360,810	Frac Water Recovery	\$	-	\$	497,122	\$	-	\$	497,122
	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
	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	\$	-	\$	-	\$	90,700	\$	90,700
	8350,419	Automation Labor	\$	-	\$	-	\$	13,233	\$	13,233
	8350,420	Electrical Labor	\$	-	\$	-	\$	48,800	\$	48,800
	8350,421	Commissioning	\$	-	\$	-	\$	2,300	\$	2,300
	8350,422	Flowline Labor	\$	-	\$	-	\$	19,300	\$	19,300
TOTAL INTANGIBLE COSTS >>>			\$	2,889,139	\$	4,978,290	\$	330,582	\$	8,198,011
TOTAL PROJECT COSTS >>>			\$	3,795,095	\$	5,542,848	\$	1,034,565	\$	10,372,508
				Drilling		Completion		Facility		Total



AUTHORIZATION FOR EXPENDITURE

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: _____

By: _____



AUTHORIZATION FOR EXPENDITURE

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

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 GBDC 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.

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

OPERATOR APPROVAL:



AUTHORIZATION FOR EXPENDITURE

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	\$ -	\$ -	\$ 905,956
	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 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	\$ -	\$ -	\$ 215,817	\$ 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 TANGIBLE COSTS >>>			\$ 905,956	\$ 564,558	\$ 703,983	\$ 2,174,497

INTANGIBLE 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



AUTHORIZATION FOR EXPENDITURE

	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	\$	-	\$	-	\$	25,201
	8200,170	Mud-Diesel	\$	112,239	\$	-	\$	-	\$	112,239
Intangible Completion			\$	-	\$	4,029,674	\$	-	\$	4,029,674
	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	\$	-	\$	46,338	\$	-	\$	46,338
	8300,270	Frac - Equipment	\$	-	\$	1,080,910	\$	-	\$	1,080,910
	8300,271	Coil Tubing	\$	-	\$	107,638	\$	-	\$	107,638
	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	\$	-	\$	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 Flowback			\$	-	\$	838,466	\$	-	\$	838,466
	8360,805	Trucked Water Disposal	\$	-	\$	21,464	\$	-	\$	21,464
	8360,810	Frac Water Recovery	\$	-	\$	497,122	\$	-	\$	497,122
	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
	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	\$	-	\$	-	\$	90,700	\$	90,700
	8350,419	Automation Labor	\$	-	\$	-	\$	13,233	\$	13,233
	8350,420	Electrical Labor	\$	-	\$	-	\$	48,800	\$	48,800
	8350,421	Commissioning	\$	-	\$	-	\$	2,300	\$	2,300
	8350,422	Flowline Labor	\$	-	\$	-	\$	19,300	\$	19,300
TOTAL INTANGIBLE COSTS >>>			\$	2,889,139	\$	4,978,290	\$	330,582	\$	8,198,011
TOTAL PROJECT COSTS >>>			\$	3,795,095	\$	5,542,848	\$	1,034,565	\$	10,372,508
				Drilling		Completion		Facility		Total



AUTHORIZATION FOR EXPENDITURE

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: _____

By: _____



AUTHORIZATION FOR EXPENDITURE

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

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 GBDC 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.

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

OPERATOR APPROVAL:



AUTHORIZATION FOR EXPENDITURE

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 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	\$ -	\$ -	\$ 215,817	\$ 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 TANGIBLE COSTS >>>			\$ 910,166	\$ 564,558	\$ 703,983	\$ 2,178,707

INTANGIBLE 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	\$ -	\$ -	\$ 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	\$ -	\$ -	\$ 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



AUTHORIZATION FOR EXPENDITURE

	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 Completion			\$ -	\$ 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	\$ -	\$ 46,338	\$ -	\$ 46,338
	8300,270	Frac - Equipment	\$ -	\$ 1,080,910	\$ -	\$ 1,080,910
	8300,271	Coil Tubing	\$ -	\$ 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	\$ -	\$ 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 Flowback			\$ -	\$ 838,466	\$ -	\$ 838,466
	8360,805	Trucked Water Disposal	\$ -	\$ 21,464	\$ -	\$ 21,464
	8360,810	Frac Water Recovery	\$ -	\$ 497,122	\$ -	\$ 497,122
	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
	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	\$ -	\$ -	\$ 90,700	\$ 90,700
	8350,419	Automation Labor	\$ -	\$ -	\$ 13,233	\$ 13,233
	8350,420	Electrical Labor	\$ -	\$ -	\$ 48,800	\$ 48,800
	8350,421	Commissioning	\$ -	\$ -	\$ 2,300	\$ 2,300
	8350,422	Flowline Labor	\$ -	\$ -	\$ 19,300	\$ 19,300
TOTAL INTANGIBLE COSTS >>>			\$ 2,897,400	\$ 4,978,416	\$ 330,582	\$ 8,206,398
TOTAL PROJECT COSTS >>>			\$ 3,807,565	\$ 5,542,974	\$ 1,034,565	\$ 10,385,104
			Drilling	Completion	Facility	Total



AUTHORIZATION FOR EXPENDITURE

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: _____

By: _____



AUTHORIZATION FOR EXPENDITURE

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

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 GBDC 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.

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

OPERATOR APPROVAL:



AUTHORIZATION FOR EXPENDITURE

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

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 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	\$ -	\$ -	\$ 215,817	\$ 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 TANGIBLE COSTS >>>			\$ 910,166	\$ 564,558	\$ 703,983	\$ 2,178,707

INTANGIBLE 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	\$ -	\$ -	\$ 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	\$ -	\$ -	\$ 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



AUTHORIZATION FOR EXPENDITURE

	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 Completion			\$	-	\$	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	\$	-	\$	46,338	\$	-	\$	46,338
	8300,270	Frac - Equipment	\$	-	\$	1,080,910	\$	-	\$	1,080,910
	8300,271	Coil Tubing	\$	-	\$	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	\$	-	\$	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 Flowback			\$	-	\$	838,466	\$	-	\$	838,466
	8360,805	Trucked Water Disposal	\$	-	\$	21,464	\$	-	\$	21,464
	8360,810	Frac Water Recovery	\$	-	\$	497,122	\$	-	\$	497,122
	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
	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	\$	-	\$	-	\$	90,700	\$	90,700
	8350,419	Automation Labor	\$	-	\$	-	\$	13,233	\$	13,233
	8350,420	Electrical Labor	\$	-	\$	-	\$	48,800	\$	48,800
	8350,421	Commissioning	\$	-	\$	-	\$	2,300	\$	2,300
	8350,422	Flowline Labor	\$	-	\$	-	\$	19,300	\$	19,300
TOTAL INTANGIBLE COSTS >>>			\$	2,897,400	\$	4,978,416	\$	330,582	\$	8,206,398
TOTAL PROJECT COSTS >>>			\$	3,807,565	\$	5,542,974	\$	1,034,565	\$	10,385,104
				Drilling		Completion		Facility		Total



AUTHORIZATION FOR EXPENDITURE

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: _____

By: _____



AUTHORIZATION FOR EXPENDITURE

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

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 GBDC 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.

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

OPERATOR APPROVAL:



AUTHORIZATION FOR EXPENDITURE

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

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 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	\$ -	\$ -	\$ 215,817	\$ 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 TANGIBLE COSTS >>>			\$ 922,796	\$ 564,558	\$ 703,983	\$ 2,191,337

INTANGIBLE 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



AUTHORIZATION FOR EXPENDITURE

	8200,164	Solids Control & Closed Loop	\$ 60,011	\$ -	\$ -	\$ 60,011
	8200,165	Safety/Environmental	\$ 1,791	\$ -	\$ -	\$ 1,791
	8200,167	Consulting Services	\$ 117,977	\$ -	\$ -	\$ 117,977
	8200,168	Roustabout Services	\$ 2,252	\$ -	\$ -	\$ 2,252
	8200,169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,201
	8200,170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,239
Intangible Completion			\$ -	\$ 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	\$ -	\$ 259,941
	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	\$ -	\$ 46,338	\$ -	\$ 46,338
	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
	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
	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 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
	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	\$ -	\$ -	\$ 90,700	\$ 90,700
	8350,419	Automation Labor	\$ -	\$ -	\$ 13,233	\$ 13,233
	8350,420	Electrical Labor	\$ -	\$ -	\$ 48,800	\$ 48,800
	8350,421	Commissioning	\$ -	\$ -	\$ 2,300	\$ 2,300
	8350,422	Flowline Labor	\$ -	\$ -	\$ 19,300	\$ 19,300
TOTAL INTANGIBLE COSTS >>>			\$ 2,922,360	\$ 4,867,674	\$ 330,582	\$ 8,120,616
TOTAL PROJECT COSTS >>>			\$ 3,845,155	\$ 5,432,232	\$ 1,034,565	\$ 10,311,952
			Drilling	Completion	Facility	Total



AUTHORIZATION FOR EXPENDITURE

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: _____

By: _____



AUTHORIZATION FOR EXPENDITURE

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

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 GBDC 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.

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

OPERATOR APPROVAL:



AUTHORIZATION FOR EXPENDITURE

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 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	\$ -	\$ -	\$ 215,817	\$ 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 TANGIBLE COSTS >>>			\$ 922,796	\$ 564,558	\$ 703,983	\$ 2,191,337

INTANGIBLE 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



AUTHORIZATION FOR EXPENDITURE

	8200,164	Solids Control & Closed Loop	\$ 60,011	\$ -	\$ -	\$ 60,011
	8200,165	Safety/Environmental	\$ 1,791	\$ -	\$ -	\$ 1,791
	8200,167	Consulting Services	\$ 117,977	\$ -	\$ -	\$ 117,977
	8200,168	Roustabout Services	\$ 2,252	\$ -	\$ -	\$ 2,252
	8200,169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,201
	8200,170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,239
Intangible Completion			\$ -	\$ 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	\$ -	\$ 259,941
	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	\$ -	\$ 46,338	\$ -	\$ 46,338
	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
	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
	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 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
	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	\$ -	\$ -	\$ 90,700	\$ 90,700
	8350,419	Automation Labor	\$ -	\$ -	\$ 13,233	\$ 13,233
	8350,420	Electrical Labor	\$ -	\$ -	\$ 48,800	\$ 48,800
	8350,421	Commissioning	\$ -	\$ -	\$ 2,300	\$ 2,300
	8350,422	Flowline Labor	\$ -	\$ -	\$ 19,300	\$ 19,300
TOTAL INTANGIBLE COSTS >>>			\$ 2,922,360	\$ 4,867,674	\$ 330,582	\$ 8,120,616
TOTAL PROJECT COSTS >>>			\$ 3,845,155	\$ 5,432,232	\$ 1,034,565	\$ 10,311,952
			Drilling	Completion	Facility	Total



AUTHORIZATION FOR EXPENDITURE

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: _____

By: _____



AUTHORIZATION FOR EXPENDITURE

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

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 GBDC 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.

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

OPERATOR APPROVAL:



AUTHORIZATION FOR EXPENDITURE

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

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 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	\$ -	\$ -	\$ 215,817	\$ 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 TANGIBLE COSTS >>>			\$ 922,796	\$ 564,558	\$ 703,983	\$ 2,191,337

INTANGIBLE 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



AUTHORIZATION FOR EXPENDITURE

	8200,164	Solids Control & Closed Loop	\$	60,011	\$	-	\$	-	\$	60,011
	8200,165	Safety/Environmental	\$	1,791	\$	-	\$	-	\$	1,791
	8200,167	Consulting Services	\$	117,977	\$	-	\$	-	\$	117,977
	8200,168	Roustabout Services	\$	2,252	\$	-	\$	-	\$	2,252
	8200,169	Mud-Brine	\$	25,201	\$	-	\$	-	\$	25,201
	8200,170	Mud-Diesel	\$	112,239	\$	-	\$	-	\$	112,239
Intangible Completion			\$	-	\$	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	\$	-	\$	259,941
	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	\$	-	\$	46,338	\$	-	\$	46,338
	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
	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
	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 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
	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	\$	-	\$	-	\$	90,700	\$	90,700
	8350,419	Automation Labor	\$	-	\$	-	\$	13,233	\$	13,233
	8350,420	Electrical Labor	\$	-	\$	-	\$	48,800	\$	48,800
	8350,421	Commissioning	\$	-	\$	-	\$	2,300	\$	2,300
	8350,422	Flowline Labor	\$	-	\$	-	\$	19,300	\$	19,300
TOTAL INTANGIBLE COSTS >>>			\$	2,922,360	\$	4,867,674	\$	330,582	\$	8,120,616
TOTAL PROJECT COSTS >>>			\$	3,845,155	\$	5,432,232	\$	1,034,565	\$	10,311,952
				Drilling		Completion		Facility		Total



AUTHORIZATION FOR EXPENDITURE

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: _____

By: _____



AUTHORIZATION FOR EXPENDITURE

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

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 GBDC 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.

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

OPERATOR APPROVAL:



AUTHORIZATION FOR EXPENDITURE

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

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	\$ -	\$ -	\$ 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	\$ -	\$ -	\$ 215,817	\$ 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 TANGIBLE COSTS >>>			\$ 943,846	\$ 564,558	\$ 703,983	\$ 2,212,387

INTANGIBLE COSTS			Drilling	Completion	Facility	Total
Intangible Drilling			\$ 2,964,366	\$ -	\$ -	\$ 2,964,366
	8200,102	Drilling - Daywork	\$ 634,497	\$ -	\$ -	\$ 634,497
	8200,103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 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	Disposal	\$ 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 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	\$ -	\$ -	\$ 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



AUTHORIZATION FOR EXPENDITURE

	8200,164	Solids Control & Closed Loop	\$	61,593	\$	-	\$	-	\$	61,593
	8200,165	Safety/Environmental	\$	1,836	\$	-	\$	-	\$	1,836
	8200,167	Consulting Services	\$	120,940	\$	-	\$	-	\$	120,940
	8200,168	Roustabout Services	\$	2,261	\$	-	\$	-	\$	2,261
	8200,169	Mud-Brine	\$	25,201	\$	-	\$	-	\$	25,201
	8200,170	Mud-Diesel	\$	112,239	\$	-	\$	-	\$	112,239
Intangible Completion			\$	-	\$	4,030,811	\$	-	\$	4,030,811
	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	\$	-	\$	46,338	\$	-	\$	46,338
	8300,270	Frac - Equipment	\$	-	\$	1,080,910	\$	-	\$	1,080,910
	8300,271	Coil Tubing	\$	-	\$	108,775	\$	-	\$	108,775
	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	\$	-	\$	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 Flowback			\$	-	\$	986,038	\$	-	\$	986,038
	8360,805	Trucked Water Disposal	\$	-	\$	21,464	\$	-	\$	21,464
	8360,810	Frac Water Recovery	\$	-	\$	644,694	\$	-	\$	644,694
	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
	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	\$	-	\$	-	\$	90,700	\$	90,700
	8350,419	Automation Labor	\$	-	\$	-	\$	13,233	\$	13,233
	8350,420	Electrical Labor	\$	-	\$	-	\$	48,800	\$	48,800
	8350,421	Commissioning	\$	-	\$	-	\$	2,300	\$	2,300
	8350,422	Flowline Labor	\$	-	\$	-	\$	19,300	\$	19,300
TOTAL INTANGIBLE COSTS >>>			\$	2,964,366	\$	5,126,998	\$	330,582	\$	8,421,946
TOTAL PROJECT COSTS >>>			\$	3,908,212	\$	5,691,556	\$	1,034,565	\$	10,634,333
				Drilling		Completion		Facility		Total



AUTHORIZATION FOR EXPENDITURE

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: _____

By: _____



AUTHORIZATION FOR EXPENDITURE

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

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 GBDC 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.

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

OPERATOR APPROVAL:



AUTHORIZATION FOR EXPENDITURE

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

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	\$ -	\$ -	\$ 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	\$ -	\$ -	\$ 215,817	\$ 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 TANGIBLE COSTS >>>			\$ 943,846	\$ 564,558	\$ 703,983	\$ 2,212,387

INTANGIBLE COSTS			Drilling	Completion	Facility	Total
Intangible Drilling			\$ 2,964,366	\$ -	\$ -	\$ 2,964,366
	8200,102	Drilling - Daywork	\$ 634,497	\$ -	\$ -	\$ 634,497
	8200,103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 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	Disposal	\$ 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 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	\$ -	\$ -	\$ 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



AUTHORIZATION FOR EXPENDITURE

	8200,164	Solids Control & Closed Loop	\$	61,593	\$	-	\$	-	\$	61,593
	8200,165	Safety/Environmental	\$	1,836	\$	-	\$	-	\$	1,836
	8200,167	Consulting Services	\$	120,940	\$	-	\$	-	\$	120,940
	8200,168	Roustabout Services	\$	2,261	\$	-	\$	-	\$	2,261
	8200,169	Mud-Brine	\$	25,201	\$	-	\$	-	\$	25,201
	8200,170	Mud-Diesel	\$	112,239	\$	-	\$	-	\$	112,239
Intangible Completion			\$	-	\$	4,030,811	\$	-	\$	4,030,811
	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	\$	-	\$	46,338	\$	-	\$	46,338
	8300,270	Frac - Equipment	\$	-	\$	1,080,910	\$	-	\$	1,080,910
	8300,271	Coil Tubing	\$	-	\$	108,775	\$	-	\$	108,775
	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	\$	-	\$	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 Flowback			\$	-	\$	986,038	\$	-	\$	986,038
	8360,805	Trucked Water Disposal	\$	-	\$	21,464	\$	-	\$	21,464
	8360,810	Frac Water Recovery	\$	-	\$	644,694	\$	-	\$	644,694
	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
	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	\$	-	\$	-	\$	90,700	\$	90,700
	8350,419	Automation Labor	\$	-	\$	-	\$	13,233	\$	13,233
	8350,420	Electrical Labor	\$	-	\$	-	\$	48,800	\$	48,800
	8350,421	Commissioning	\$	-	\$	-	\$	2,300	\$	2,300
	8350,422	Flowline Labor	\$	-	\$	-	\$	19,300	\$	19,300
TOTAL INTANGIBLE COSTS >>>			\$	2,964,366	\$	5,126,998	\$	330,582	\$	8,421,946
TOTAL PROJECT COSTS >>>			\$	3,908,212	\$	5,691,556	\$	1,034,565	\$	10,634,333
				Drilling		Completion		Facility		Total



AUTHORIZATION FOR EXPENDITURE

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: _____

By: _____



AUTHORIZATION FOR EXPENDITURE

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

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 GBDC 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.

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

OPERATOR APPROVAL:



AUTHORIZATION FOR EXPENDITURE

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

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	\$ -	\$ -	\$ 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	\$ -	\$ -	\$ 215,817	\$ 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 TANGIBLE COSTS >>>			\$ 943,846	\$ 564,558	\$ 703,983	\$ 2,212,387

INTANGIBLE COSTS			Drilling	Completion	Facility	Total
Intangible Drilling			\$ 2,964,366	\$ -	\$ -	\$ 2,964,366
	8200,102	Drilling - Daywork	\$ 634,497	\$ -	\$ -	\$ 634,497
	8200,103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 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	Disposal	\$ 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 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	\$ -	\$ -	\$ 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



AUTHORIZATION FOR EXPENDITURE

	8200,164	Solids Control & Closed Loop	\$	61,593	\$	-	\$	-	\$	61,593
	8200,165	Safety/Environmental	\$	1,836	\$	-	\$	-	\$	1,836
	8200,167	Consulting Services	\$	120,940	\$	-	\$	-	\$	120,940
	8200,168	Roustabout Services	\$	2,261	\$	-	\$	-	\$	2,261
	8200,169	Mud-Brine	\$	25,201	\$	-	\$	-	\$	25,201
	8200,170	Mud-Diesel	\$	112,239	\$	-	\$	-	\$	112,239
Intangible Completion			\$	-	\$	4,030,811	\$	-	\$	4,030,811
	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	\$	-	\$	46,338	\$	-	\$	46,338
	8300,270	Frac - Equipment	\$	-	\$	1,080,910	\$	-	\$	1,080,910
	8300,271	Coil Tubing	\$	-	\$	108,775	\$	-	\$	108,775
	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	\$	-	\$	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 Flowback			\$	-	\$	986,038	\$	-	\$	986,038
	8360,805	Trucked Water Disposal	\$	-	\$	21,464	\$	-	\$	21,464
	8360,810	Frac Water Recovery	\$	-	\$	644,694	\$	-	\$	644,694
	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
	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	\$	-	\$	-	\$	90,700	\$	90,700
	8350,419	Automation Labor	\$	-	\$	-	\$	13,233	\$	13,233
	8350,420	Electrical Labor	\$	-	\$	-	\$	48,800	\$	48,800
	8350,421	Commissioning	\$	-	\$	-	\$	2,300	\$	2,300
	8350,422	Flowline Labor	\$	-	\$	-	\$	19,300	\$	19,300
TOTAL INTANGIBLE COSTS >>>			\$	2,964,366	\$	5,126,998	\$	330,582	\$	8,421,946
TOTAL PROJECT COSTS >>>			\$	3,908,212	\$	5,691,556	\$	1,034,565	\$	10,634,333
				Drilling		Completion		Facility		Total



AUTHORIZATION FOR EXPENDITURE

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: _____

By: _____

Summary of Contacts

Thai Curry 22 27 Fed Com

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

#701H-#702H, #721H-#723H, #801H-#803H

AOII, LLC

Case No. 25348 and 25347

Exhibit A-6



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	4207522561469405530109355119881979	Well Proposals rec'd; Signed JOA, Owner Committed
WR NON-OP LLC	3.20.2025	4207970151759405530109355119881863	Well Proposals rec'd; Signed JOA, Owner Committed
CIVITAS PERMIAN OPERATING, LLC	3.20.2025	4208020239069405530109355119881924	Well Proposals rec'd
MRC PERMIAN RESOURCES OPERATING, LLC	3.20.2025	4207524010179405530109355119881887	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	4208820147789405530109355119881986	Well Proposals rec'd; Ongoing communication with owner, AO II in negotiations to buy or lease
PALOMA PERMIAN ASSET CO LLC	3.20.2025	4207700252209405530109355119881894	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	4207970146889405530109355119881955	Well Proposals rec'd; 4.3.25 requested WI and NRI
TRAINER PARTNERS LTD	3.20.2025	4207709831439405530109355119881993	Well Proposals rec'd; ongoing communication with owner, AO II made offer to seller
SOUTHPAW LAND & TIMBER LLC	3.20.2025	4207520965249405530109355119881948	Well Proposals rec'd; Signed JOA, Owner Committed
BEXP II OMEGA MISC LLC	3.20.2025	4207873049119405530109355119881931	Well Proposals rec'd; Signed Well Elections; Signed JOA
BEXP II ALPHA LLC	3.20.2025	4207873049119405530109355119881956	Well Proposals rec'd; Signed Well Elections; Signed JOA
DIAGA MINERAL GROUP, LLC	3.20.2025	4207970166299405530109355119881962	Well Proposals rec'd; Signed JOA, Owner Committed
ANDREW H JACKSON	3.25.2025	4207970582189405530109355119881900	Well Proposals rec'd; Signed Well Elections
SITL ENERGY, LLC	3.20.2025	4207970586229405530109355119881870	Well Proposals rec'd; Signed JOA, Owner Committed



Summary of Contacts

Thai Curry 22 27 Fed Com

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

#701H-#702H, #721H-#723H, #801H-#803H

AOII, LLC

Case No. 25348 and 25347

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

Thai Curry 22 27 Fed Com

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

#701H-#702H, #721H-#723H, #801H-#803H

AOII, LLC

Case No. 25348 and 25347

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.

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]

7-7-25

Date


John Harper

Regional Locator Map

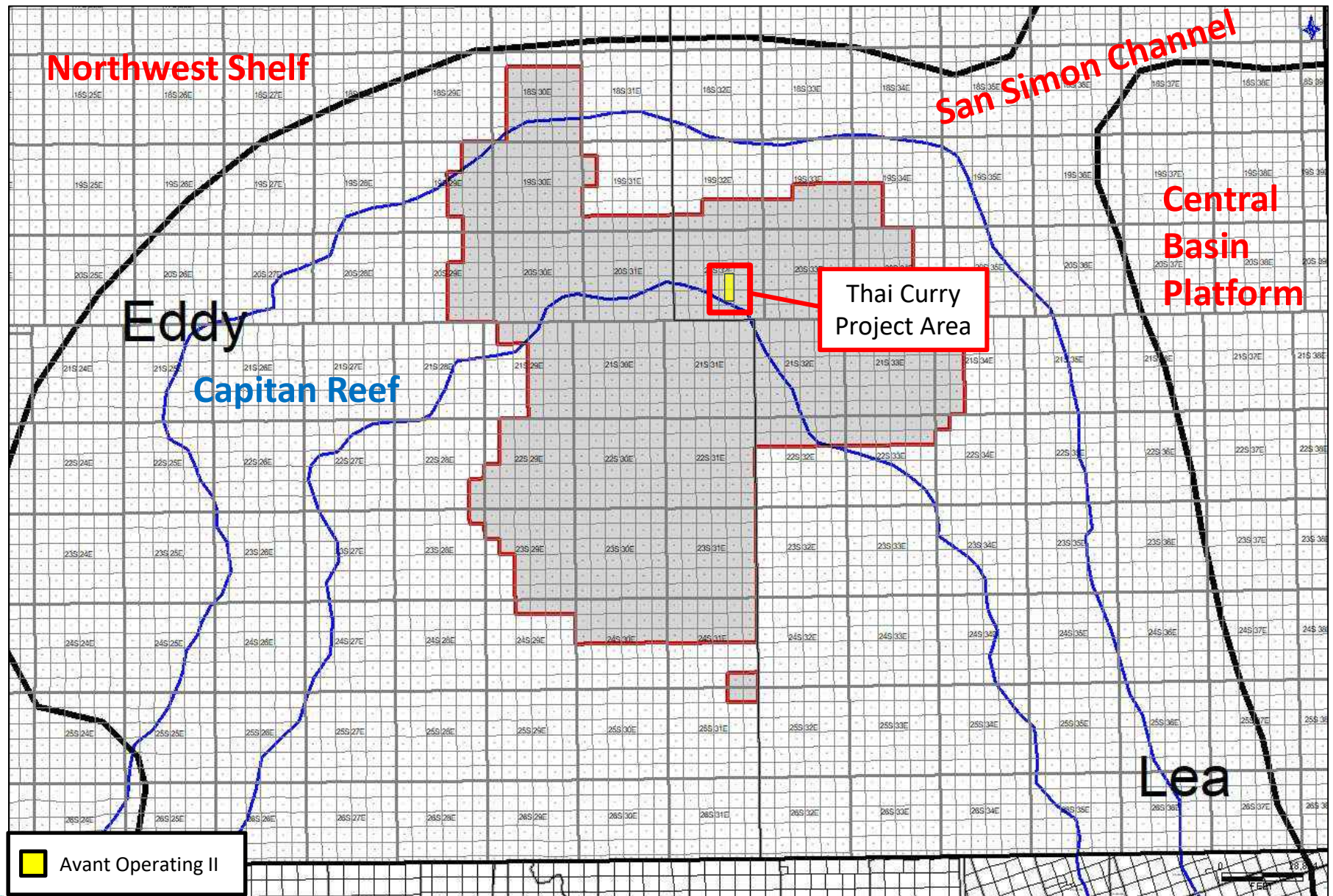
Thai Curry 22 27 Fed Com

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

Avant Operating II, LLC

Case Nos. 25348

Exhibit B-1



Gun Barrel Development Plan

TBSG - SBSG - FBSG

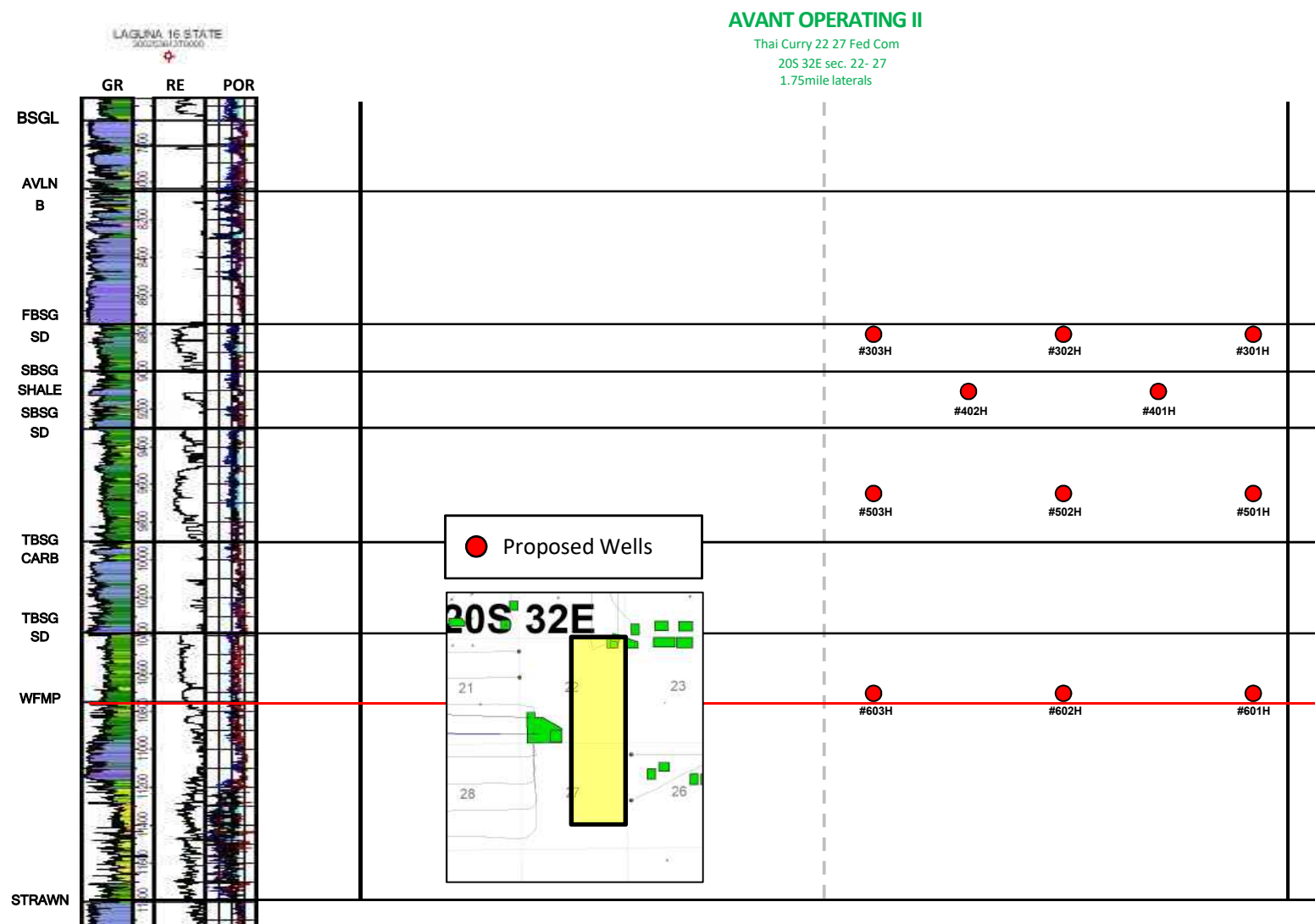
Thai Curry 22 27 Fed Com

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

Avant Operating II, LLC

Case Nos. 25348

Exhibit B-2



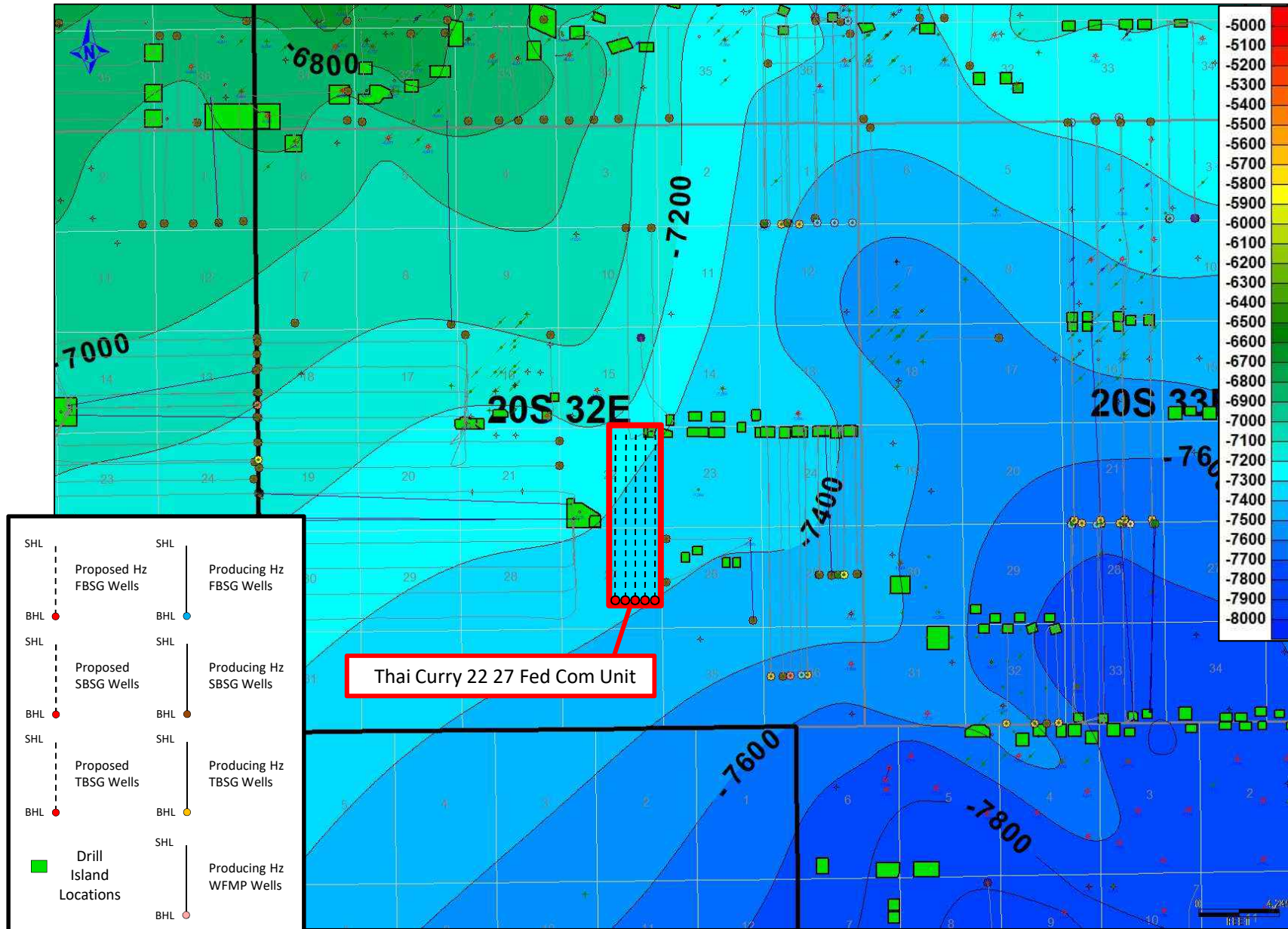
Proposed Thai Curry 22 27 Fed Com
#301-303H, #401-402H, #501-503H, #601-603H

AVANT OPERATING II, LLC | 2

Base Bone Spring Structure Map (TVDSS')

Thai Curry 22 27 Fed Com

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



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

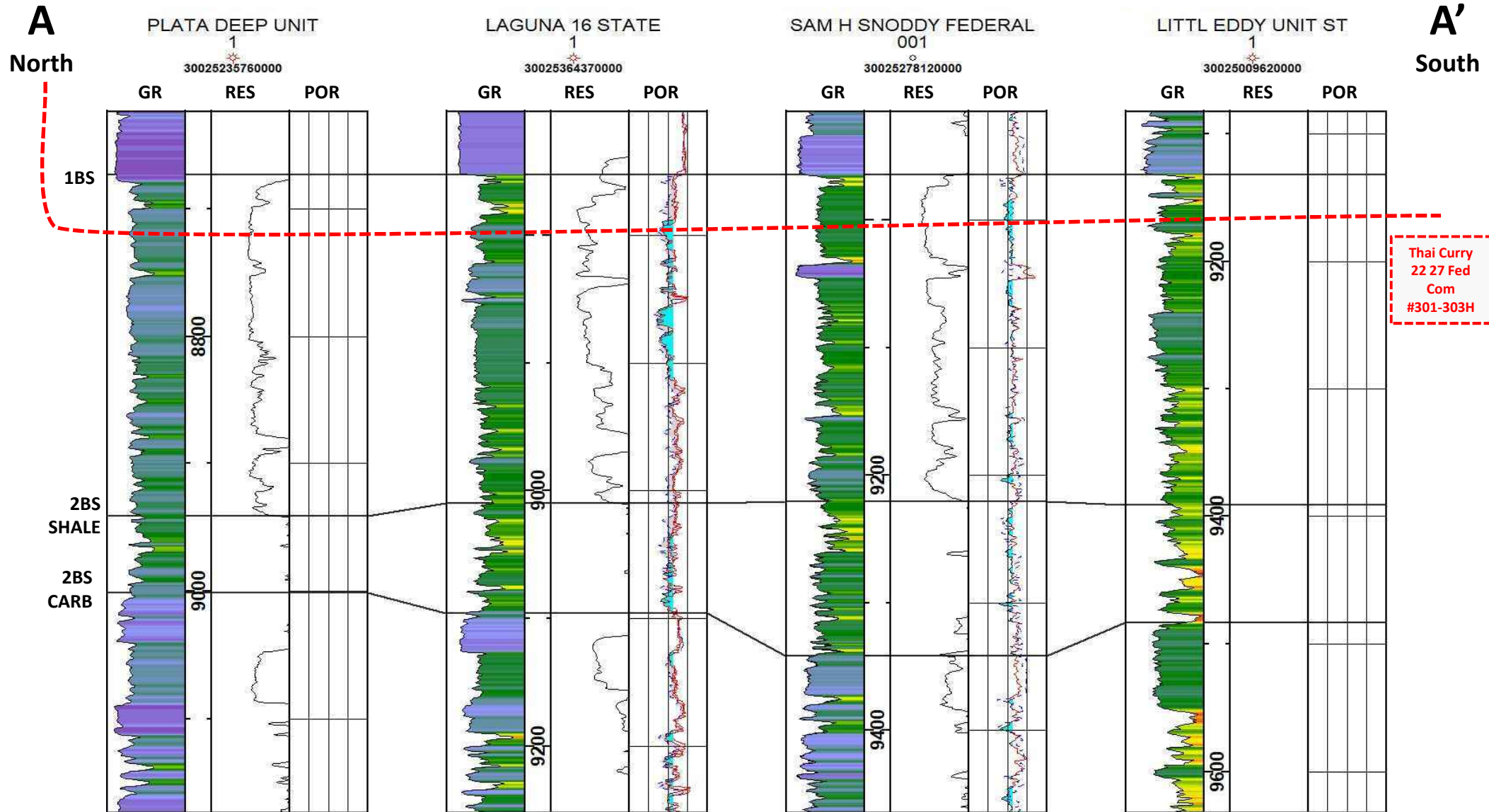
Exhibit B-4



Stratigraphic Cross-Section A-A'

Thai Curry 22 27 Fed Com #301-303H

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

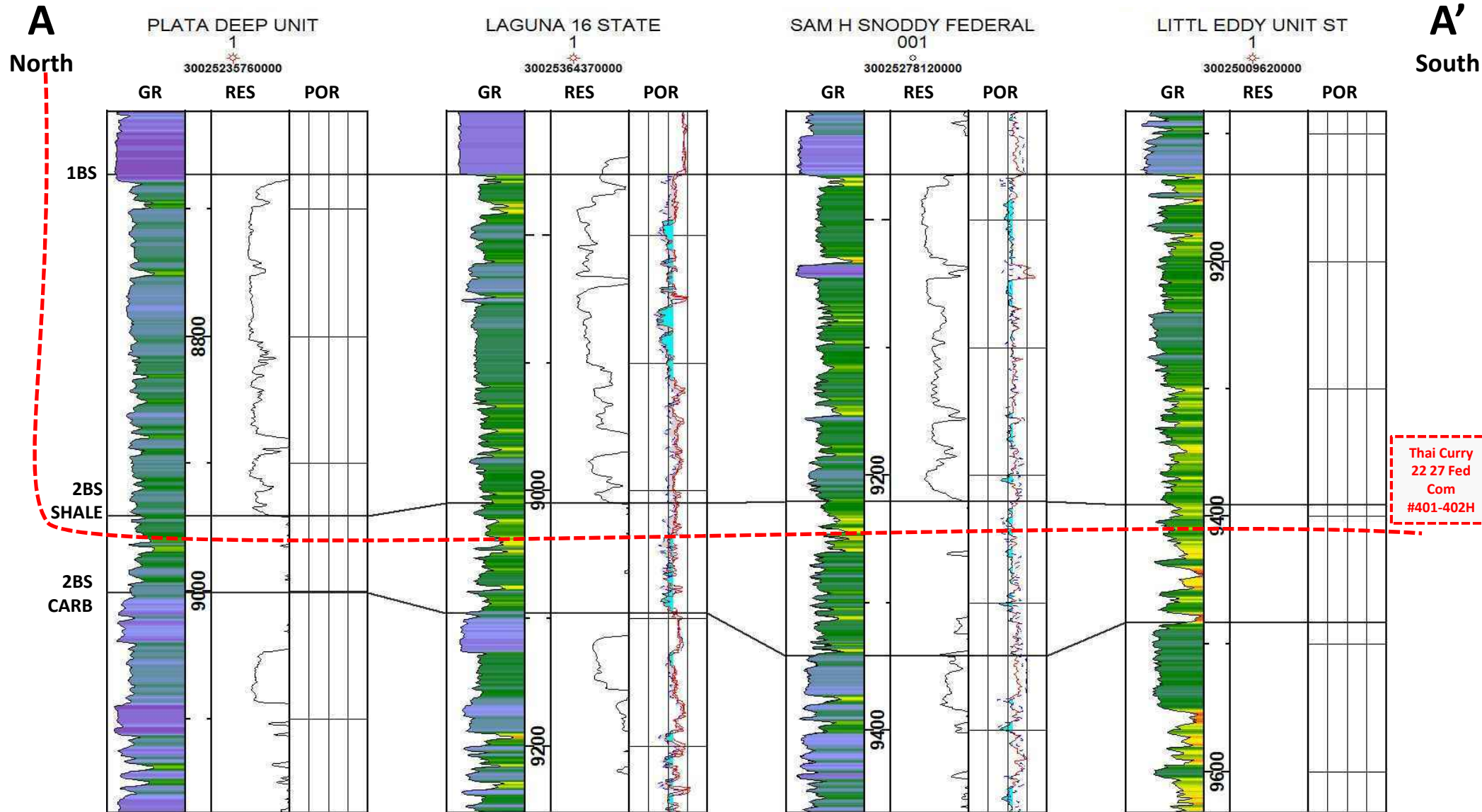


Log Scaling: GR(Gamma Ray): 0-150, RES(Resistivity): 0.2-20000 (log₁₀), POR(Porosity): 30 to -10%

Stratigraphic Cross-Section A-A'

Thai Curry 22 27 Fed Com #401-402H

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



Thai Curry
22 27 Fed
Com
#401-402H

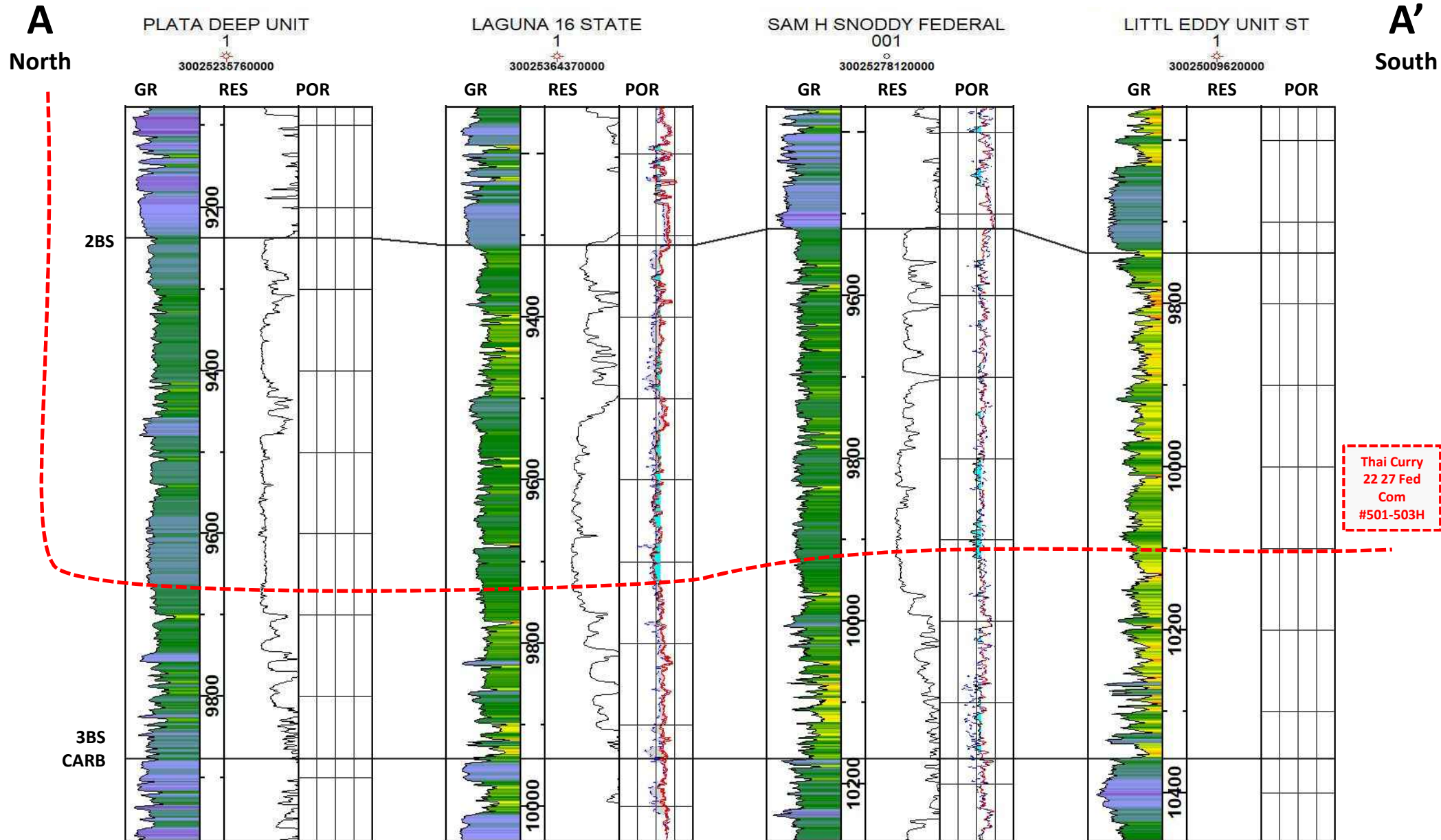


Log Scaling: GR(Gamma Ray): 0-150, RES(Resistivity): 0.2-20000 (log₁₀), POR(Porosity): 30 to -10%

Stratigraphic Cross-Section A-A'

Thai Curry 22 27 Fed Com #501-503H

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

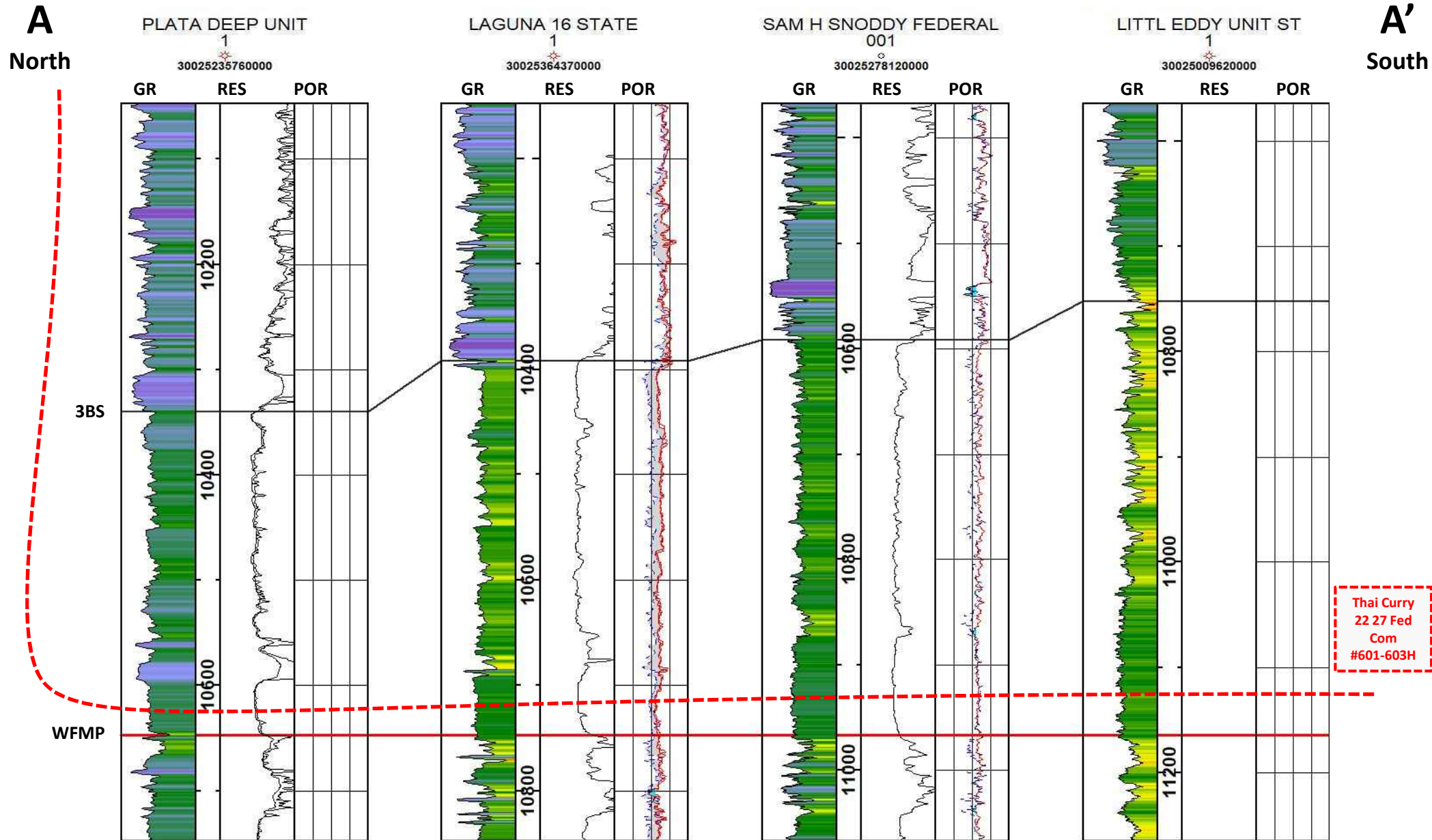


Log Scaling: GR(Gamma Ray): 0-150, RES(Resistivity): 0.2-20000 (log₁₀), POR(Porosity): 30 to -10%

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 (log₁₀), 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:

1. 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 Communitization 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]

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:

1) 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



MODRALL SPERLING

L A W Y E R S

April 14, 2025

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

VIA CERTIFIED MAIL
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

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

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New Mexico 87103-2168

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www.modrall.com

**Avant Operating II, LLC
Case No. 25348
Exhibit D.1**

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, 1st 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: <https://www.emnrd.nm.gov/ocd/hearing-info/>.

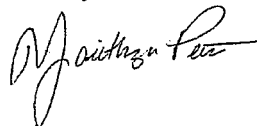
As a party who may be affected by these applications, we are notifying you of your right to appear at the hearing and participate in these cases, including the right to present evidence either in support of or in opposition to the applications. Failure to appear at the hearing may preclude you from any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

A handwritten signature in black ink, appearing to read "Yarithza Peña". The signature is fluid and cursive, with the first name being more prominent.

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:

- 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
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500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
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edebrine@modrall.com
deana.bennett@modrall.com
yarithza.pena@modrall.com
Attorneys for Avant Operating II, LLC

CASE NO. 25347 : 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 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:

- 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.

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;
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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
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edebrine@modrall.com
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Attorneys for Avant Operating II, LLC

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MODRALL SPERLING

L A W Y E R S

May 8, 2025

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

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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Page 2

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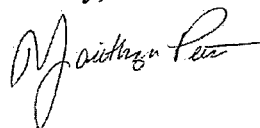
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business days in advance of a scheduled hearing before the Division or the Commission, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date, with a copy delivered to the undersigned.

Sincerely,

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Yarithza Peña
Attorney for Applicant

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
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**APPLICATION OF AVANT OPERATING II, LLC
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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;
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- 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
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yarithza.pena@modrall.com
Attorneys for Avant Operating II, LLC

CASE NO. 25347 : 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 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:

- 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

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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.

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

Line	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
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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	\$4.85	\$2.62	\$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	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
8	9314 8699 0430 0133 9611 28	Sortida Resources, LLC PO Box 50820 Midland TX 79710	\$2.04	\$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	\$4.85	\$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	Chief Capital (O&G) II LLC 8111 Westchester Drive, Ste. 900 Dallas TX 75225	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
15	9314 8699 0430 0133 9611 97	WR Non-Op LLC PO Box 2266 Midland TX 79702	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice



Avant Operating II, LLC
Case No. 25332
Exhibit D.2

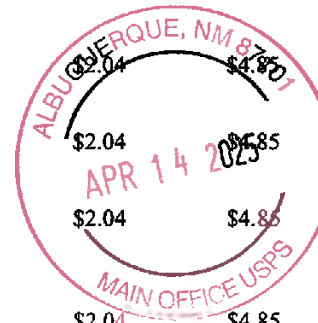
Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
16	9314 8699 0430 0133 9612 03	Bureau of Land 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	\$2.04	\$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	\$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
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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR 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	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	\$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	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
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Total Number of Pieces
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Postmaster:
Name of receiving employee

Dated:

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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

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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	\$1.77	\$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	\$1.77	\$4.85	\$2.62	\$0.00	10375.0016. Notice
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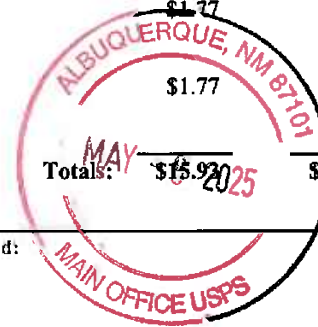
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Postmaster:
Name of receiving employee

Dated:

9



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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 PM
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9314869904300133961180	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 PM
9314869904300133961173	2025-04-14 10:46 AM	10375.0015Thai	Paloma Permian AssetCo, LLC		Houston	TX	77002	Mailed	Return Receipt - Electronic, Certified Mail		
9314869904300133961166	2025-04-14 10:46 AM	10375.0015Thai	Southpaw Land & Timber, LLC		Dallas	TX	75209	Delivered	Return Receipt - Electronic, Certified Mail		2025-04-17 2:26 PM
9314869904300133961159	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 PM
9314869904300133961142	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 AM
9314869904300133961135	2025-04-14 10:46 AM	10375.0015Thai	Oak Valley Mineral and Land, LP		Midland	TX	79710	Delivered	Return Receipt - Electronic, Certified Mail		2025-04-18 7:54 AM
9314869904300133961128	2025-04-14 10:46 AM	10375.0015Thai	Sortida Resources, LLC		Midland	TX	79710	Delivered	Return Receipt - Electronic, Certified Mail		2025-04-18 7:46 AM
9314869904300133961111	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 PM
9314869904300133961104	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 AM
9314869904300133961098	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 PM
9314869904300133961081	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 AM
9314869904300133961074	2025-04-14 10:46 AM	10375.0015Thai	Prospector, LLC		Roswell	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail		2025-04-17 9:48 AM
9314869904300133961067	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 AM
9314869904300133961050	2025-04-14 10:46 AM	10375.0015Thai	Saxum Asset Holdings, LP		Dallas	TX	75225	Delivered	Return Receipt - Electronic, Certified Mail		2025-04-21 3:33 PM

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

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	TX	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	TX	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	OK	73102	Delivered	Return Receipt - Electronic, Certified Mail	2025-05-12 12:35 PM

Affidavit of Publication

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



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 # 1087528
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.

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; 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; 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, Ltd.; Fasken Land and Minerals, LTD; Earthstone Permian LLC 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 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, LLC; BEXP II Omega Misc., LLC; BEXP II Alpha LLC; ConocoPhillips; 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 9:00 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: <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 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 #723H, 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.

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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

Affidavit of Publication

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.



Publisher

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

LEGAL NOTICE

May 11, 2025

CASE NO. 25347: Notice to all affected parties, as well as heirs and devisees of: Walter 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 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: <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 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.

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DOLORES SERNA

MODRALL, SPERLING, ROEHL, HARRIS &

P. O. BOX 2168

ALBUQUERQUE, NM 87103-2168