

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

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

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

CASE NO. 25348

EXHIBIT INDEX

Compulsory Pooling Application Checklist

Compulsory Poo	omig Application Checklist
Exhibit A: Self-A A-1	Affirmed Statement of Tiffany Sarantinos, Senior Landman 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-A	Affirmed Statement of Josh Payne, 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-A	Affirmed Statement of Alexey Zaitsev, Reservoir Engineer
Exhibit D: Self-A	Affirmed Statement of Yarithza Peña
D-1	Sample Notice Letter to All Interested Parties dated April 14, 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

COMPULSORY POOLING APPLICAT	TON CHECKLIST
ALL INFORMATION IN THE APPLICATION MUST BE	SUPPORTED BY SIGNED AFFIDAVITS
Case: 25348	APPLICANT'S RESPONSE
Date	May 8, 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
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 and is approval of non-standard unit requested in this application?	No. Approval of non-standard unit is being requested in this application.
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	N/A: Applicant is seeking approval of a non-standard unit.
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	See Exhibit A-3/A-4
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1: Thai Curry 22-27 Fed Com #301H	API No. Pending SHL: 423' FNL & 344' FEL, (Unit A), Section 22, T20S, R32E BHL: 1420' FSL & 330' FEL, (Unit I) Section 27, T20S, R32E Completion Target: First Bone Spring Completion Status: Standard Orientation: North/South TVD: 8,800'
Well #2: Thai Curry 22-27 Fed Com #302H	API No. Pending SHL: 421' FNL & 404' FEL, (Unit A), Section 22, T20S, R32E BHL: 1420' FSL & 1320' FEL, (Unit I) Section 27, T20S, R32E Completion Target: First Bone Spring Completion Status: Standard Orientation: North/South TVD: 8,800'

Received by OCD: 5/1/2025 4:52:25 PM Well #3: Thai Curry 22-27 Fed Com #303H	API No. Pending
	SHL: 418' FNL & 464' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 2310' FEL, (Unit J) Section 27, T20S, R32E
	Completion Target: First Bone Spring
	Completion Status: Standard
	Orientation: North/South TVD: 8,800'
Well #4: Thai Curry 22-27 Fed Com #401H	API No. Pending
Well #4. Illai carry 22 27 Fea com #40111	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	API No. Pending
	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	API No. Pending
	SHL: 424' FNL & 324' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 330' FEL, (Unit I) Section 27, T20S, R32E
	Completion Target: Second Bone Spring
	Completion Status: Standard Orientation: North/South
	TVD: 9,600'
Well #13: Thai Curry 22-27 Fed Com #502H	API No. Pending
, , , , , , , , , , , , , , , , , , , ,	SHL: 422' FNL & 384' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 1320' FEL, (Unit I) Section 27, T205, R32E
	Completion Target: Second Bone Spring
	Completion Status: Standard
	Orientation: North/South
	TVD: 9,600'
Well #14: Thai Curry 22-27 Fed Com #503H	API No. Pending
	SHL: 419' FNL & 444' FEL, (Unit A), Section 22, T20S, R32E
	BHL: 1420' FSL & 2310' FEL, (Unit J) Section 27, T20S, R32E
	Completion Target: Second Bone Spring Completion Status: Standard
	Orientation: North/South
	TVD: 9,600'
Well #7: Thai Curry 22-27 Fed Com #601H	
	API No. Pending 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	Fyhihit Δ-2
Horizontal Well First and Last Take Points	Exhibit A-2
Horizontal Well First and Last Take Points	Exhibit A-2 Exhbit A-5

Received by OCD: 5/1/2025 4:52:25 PM	
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) 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 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) Spacing Unit Schematic	Exhibit B Exhibit B-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-2
Well Orientation (with rationale)	Exhibit B Exhibit B-3
Target Formation HSU Cross Section	Exhibits B-5 to B-8
Depth Severance Discussion	N/A
Forms, Figures and Tables	IVA
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 provide	d in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Yarithza Pena
Signed Name (Attorney or Party Representative): Date:	/s/ Yarithza Pena
Dutc.	5/1/2025

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 TIFFANY SARANTINOS

Tiffany Sarantinos hereby states and declares as follows:

- 1. I am over the age of 18, I am a senior landman for Avant Operating II, LLC ("AO II") and have personal knowledge of the matters stated herein.
- 2. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum landman were accepted as a matter of record.
 - 3. My area of responsibility at AO II includes the area Lea County in New Mexico.
- 4. I am familiar with the application filed by AO II in this case, which is attached as **Exhibit A-1.**
 - 5. I am familiar with the status of the lands that are subject to this application.
- 6. I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced application.
- 7. AO II seeks an order (1) approving a non-standard unit, and (2) pooling all uncommitted interests within a non-standard 560-acre, more or less, Bone Spring horizontal spacing unit comprised of the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico.
- 8. AO II seeks approval of a 560-acre non-standard spacing unit as approval of this application will allow AO II to efficiently locate surface facilities, reduce surface disturbance,

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

- 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 comparing what a standard unit would be to AO II's proposed non-standard unit.
- 18. **Exhibit A-4** is a unit recapitulation with the working interest owners to be pooled highlighted in yellow. Exhibit A-4 also includes a list of the ORRI owners, all of which AO II is seeking to pool.
- 19. **Exhibit A-5** contains a sample well proposal letter and Authorizations for Expenditure ("AFEs") sent to all working interest owners. The estimated cost of the wells set forth in the AFEs are fair and reasonable and comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico.
- 20. AO II requests overhead and administrative rates of \$10,000.00/month for drilling a well and \$1,000.00/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern, New Mexico. AO II requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- 21. AO II requests the maximum cost plus 200% risk charge be assessed against nonconsenting working interest owners.
- 22. I have conducted a diligent search of the public records in the county where the wells are located, and conducted phone directory and computer searches to locate contact information for parties entitled to notification, and mailed the working interest owners well proposals, including an Authorization for Expenditure.
- 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 also been in direct contact with Civitas Permian Operating, LLC ("Civitas") and is coordinating with Civitas to confirm that Civitas is not opposed to AO II moving forward with the hearing as planned, including pooling their interest in this matter.
 - 25. AO II requests that it be designated operator of the wells.
 - 26. The parties AO II is seeking to pool were notified of this hearing.
- 27. AO II seeks to pool overriding royalty interest owners, and they were also provided notice of this hearing.
- 28. No opposition is expected because the interest owners being pooled have been contacted regarding the proposed wells, but have failed or refused to voluntarily commit their interests in the wells.
- 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]

4.28.2025

Date

Larantinos

Tiffany Sarantinos

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. <u>25348</u>

APPLICATION

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

- 1. AO II has an interest in the subject lands and has a right to drill and operate a well thereon.
- 2. AO II seeks to dedicate the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico to form a non-standard 560-acre, more or less, Bone Spring horizontal spacing unit (the "Unit") in the Salt Lake; Bone Spring pool (Pool code 53560) (the "Unit")
- 3. AO II seeks approval of the 560-acre non-standard spacing unit because approval of this application will allow AO II to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing.
 - 4. AO II seeks to dedicate the Unit to the following wells:

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

- Thai Curry 22-27 Fed Com #301H, Thai Curry 22-27 Fed Com #302H, Thai Curry 22-27 Fed Com #401H, Thai Curry 22-27 Fed Com #501H, Thai Curry 22-27 Fed Com #502H, Thai Curry 22-27 Fed Com #601H, and Thai Curry 22-27 Fed Com #602H wells with proposed surface hole locations in the NE/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NE/4 SE/4 (Unit I) of Section 27; and
- Thai Curry 22-27 Fed Com #303H, Thai Curry 22-27 Fed Com #402H, Thai Curry 22-27 Fed Com #503H, and Thai Curry 22-27 Fed Com #603H wells with proposed surface hole locations in the N/4 NE/4 (Unit A) of Section 22, and proposed last take points in the NW/4 SE/4 (Unit J) of Section 27.
- 5. The wells will be horizontally drilled, and the producing areas for the wells are expected to be orthodox.
- 6. AO II sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.
- 7. The pooling of all interests in the Bone Spring formation underlying the proposed unit and approving, to the extent necessary, the overlapping spacing unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.
- 8. Approval of a non-standard spacing unit will allow AO II to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands and reduce surface disturbance.

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

- A. Approving the non-standard spacing unit;
- B. Pooling all uncommitted interests in Bone Spring formation underlying a horizontal spacing unit within the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico;
 - C. Designating AO II as operator of this unit and the wells to be drilled thereon;
- D. Authorizing AO II to recover its costs of drilling, equipping and completing the wells:
- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

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

By:/s/ Deana M. Bennett

Earl E. DeBrine, Jr.

Deana M. Bennett

Yarithza Peña

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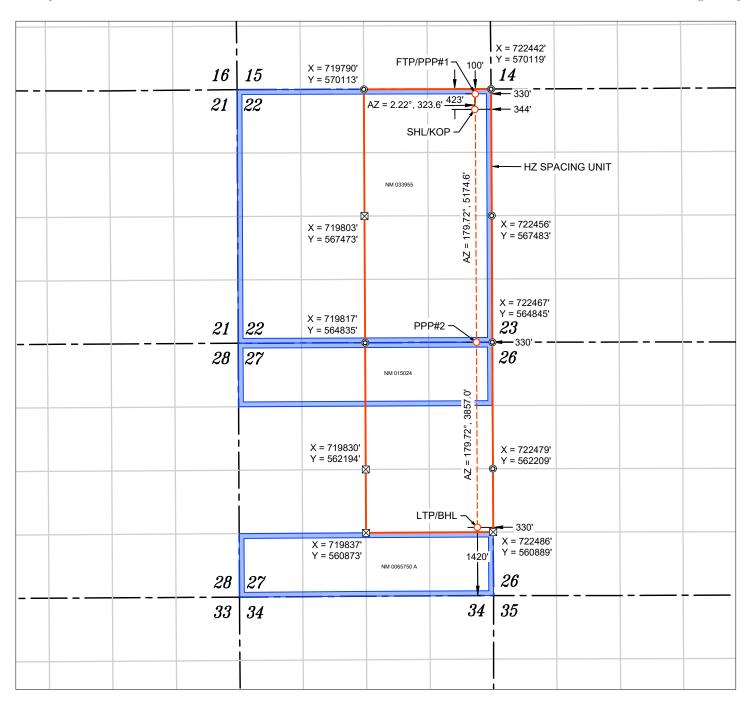
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Attorneys for Avant Operating II, LLC

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.

<u>C-102</u>	E		inerals & Nat		w Mexico Exhibit A-2 ral Resources Department TION DIVISION			Revised July 9, 2024		
Submit Electronically Via OCD Permitting		OIL	CONSERV	ATION DIVI	HON DIVISION				▼ Initial Submittal	
							Submitta Type:	☐ Amended	Report	
								☐ As Drille	d	
			WELL LOC	ATION INFORM	TION INFORMATION					
API Number	Pool Code	53560)	Pool Name Sa	ılt Lak	e; Bone	Spring)		
Property Code	Property N		THAI CUI	RRY 22 27 FED	RY 22 27 FED COM Well Number #301h					
OGRID No. 332947	Operator N	Vame	AVANT	OPERATING II	, LLC			Ground Leve	Ground Level Elevation 3532'	
Surface Owner: ☐ State ☐	Fee 🗌 Tribal 🕱 F	ederal		Mineral Ow	ner: \square S	tate 🛚 Fee	□ Tribal 🏾	【 Federal		
			Su	rface Location						
UL Section Town	hip Range	Lot	Ft. from N/S	Ft. from E/V	V	Latitude		Longitude	County	
A 22 20	S 32 E		423' FNL	. 344' F	EL	32.564	778° -	·103.746586°	LEA	
			Botto	m Hole Location	1					
UL Section Town	hip Range	Lot	Ft. from N/S	Ft. from E/V	V	Latitude		Longitude	County	
l 27 20	S 32 E		1420' FSI	_ 330' F	EL	32.540	842° -	·103.746560°	LEA	
		1				1	<u> </u>			
Dedicated Acres Infill of 560.00	r Defining Well	Defining	g Well API		Overlapping Spacing Unit (Y/N) Consolidation Code					
Order Numbers.				Well setbac	ks are un	ıder Commoi	l on Ownership: □Yes X No			
			Kiek	Off Point (KOP)						
UL Section Town	hip Range	Lot	Ft. from N/S	Ft. from E/V		Latitude		Longitude	County	
A 22 20	-		423' FNL			32.564	1	·103.746586°	LEA	
			First	Take Point (FTP						
UL Section Town	hip Range	Lot	Ft. from N/S	Ft. from E/V	-	Latitude		Longitude	County	
A 22 20	S 32 E		100' FNL	. 330' F	EL	32.565	667° -	·103.746540°	LEA	
		<u> </u>	Last	Take Point (LTP)	1	I.			
UL Section Town	hip Range	Lot	Ft. from N/S	Ft. from E/V	V	Latitude		Longitude	County	
l 27 20	S 32 E		1420' FSI	_ 330' F	EL	32.540	842° -	·103.746560°	LEA	
	'		•	1		'				
Unitized Area or Area of Un	form Interest	Spacing	Unit Type 🛚 Ho	rizontal 🗆 Vertica	1	Grou	nd Floor El	evation: 3532'		
ODED A TOD CEDITIFICA	FIONIC			CLIDVENOD	CEDTIE	CATIONS				
OPERATOR CERTIFICA I hereby certify that the informat my knowledge and belief, and, if organization either owns a work including the proposed bottom h location pursuant to a contract w interest, or to a voluntary pooling entered by the division.		hat the well	location shown		was plotted from fiche same is true and					
If this well is a horizontal well, I consent of at least one lessee or a in each tract (in the target pool of interval will be located or obtain Sarah Ferrai	1	Λ	- 31 Ma	ırch 2	2025 Essi	ONAL SURVEYOR				
Signature	Signature and So	eal of Prof	essional Surve	yor						
Sarah Ferreyros	21209		MARCH	27, 2025						
Printed Name	Certificate Num	ber	Date of Surv							
sarah@avantnr.c	_									
_sarah@avantnr.d	- Certificate Num	UCI	Date of Surv	voy						



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'

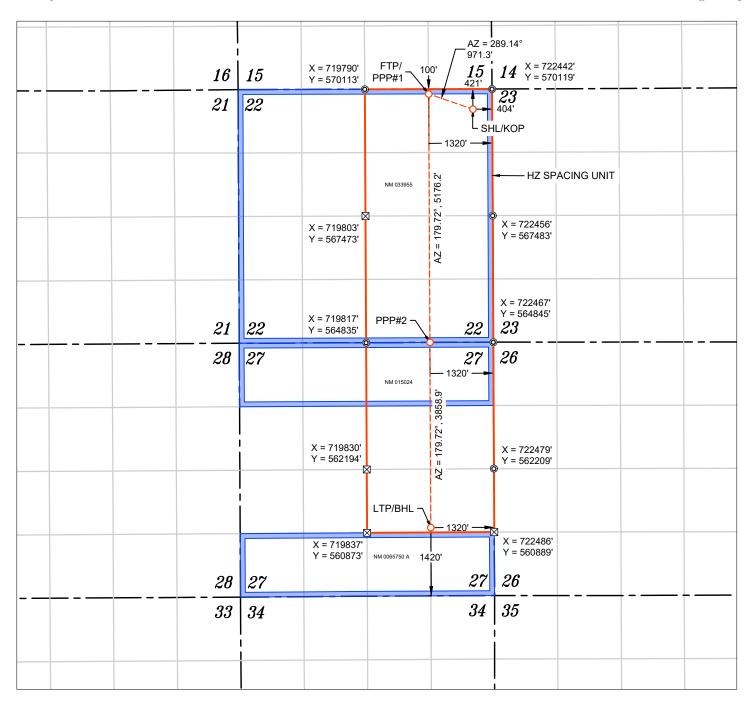
NAD 83 (LTP/BHL) 1420' FSL & 330' FEL
LATITUDE = 32.540842°
LONGITUDE = -103.746560°
NAD 27 (LTP/BHL)
LATITUDE = 32.540720°
LONGITUDE = -103.746065°
STATE PLANE NAD 83 (N.M. EAST)
N: 560987.09' E: 722155.92'
STATE PLANE NAD 27 (N.M. EAST)
N: 560925.21' E: 680975.24'

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

- 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		En			w Mexico ral Resources Department TION DIVISION			Revised July 9, 2024				
Via OCD Permitting			OIL	CONSLICA	THON DIVISION			Submittal		▼ Initial Submittal		
										☐ Amended	Report	
									Type: ☐ As Drille		d	
					WELL LOC	TION INFORMATION						
API Nui	mber		Pool Code	53560		Pool Name Salt	Lake;	Bone	Spring			
Property			Property Na		THAI CUI	RRY 22 27 FED C	RY 22 27 FED COM Well Number #302H					
OGRID	No. 3329	947	Operator Na	ame	AVANT	OPERATING II, L	LC			Ground Leve	Ground Level Elevation 3532'	
Surface	Owner: S	State 🗆 Fee 🗆	Tribal 🛚 Fee	deral		Mineral Owner	r: 🗆 State	e 🛚 Fee 🛚	□ Tribal 🛚	Federal		
					Su	rface Location						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	I	Latitude]	Longitude	County	
Α	22	20 S	32 E		421' FNL	. 404' FEI	L	32.5647		103.746781°	LEA	
					Botto	m Hole Location						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	I	Latitude	1	Longitude	County	
- 1	27	20 S	32 E		1420' FSI	_ 1320' FE	L	32.5408	341° -′	103.749772°	LEA	
	ed Acres	Infill or Defin	ning Well	Defining	Well API	Overlapping Spa	acing Uni	ng Unit (Y/N) Con		Consolidation Code		
Order N	Jumbers.					Well setbacks	are under	r Common	Ownershi	p: □Yes X No		
					771	Off D: 4 (VOD)						
UL	Section	Township	Range	Lot	Ft. from N/S	Off Point (KOP) Ft. from E/W	1	Latitude		Longitude	County	
A	22	20 S	32 E	Lot	421' FNL			32.5647		103.746781°	LEA	
	22	20 0	32 L			Take Point (FTP)				100.7 10701	LLA	
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	I	Latitude	1	Longitude	County	
A	22	20 S	32 E	Lot	100' FNL			32.5656		103.749753°	LEA	
		200	02.2			Take Point (LTP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	I	Latitude	1	Longitude	County	
1	27	20 S	32 E		1420' FSI			32.5408		103.749772°	LEA	
			02.2		1 120 1 01	1020 12	-					
Unitized	l Area or Are	ea of Uniform I	nterest	Spacing 1	Unit Type 🛛 Ho	rizontal Vertical		Groun	d Floor Ele	evation: 3532'		
OPERA	TOR CERT	ΓΙΓΙCATIONS				SURVEYOR CE	RTIFICA	ATIONS				
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 hereby certify that i surveys made by me of my belief.	the well loc	cation shown					
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. Sarah Furyess 4/8/2025					1	<u> </u>	31 Ma	roh 2	025 ROTESSIO	ONAL SURVEYOR		
Signature Date					Signature and Seal	of Professi	ional Surve	yor				
Sara	Sarah Ferreyros					21209	N	MARCH	26, 2025			
	Printed Name					Certificate Number		Date of Surv	ey			
sarah@avantnr.com Email Address						-						



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

NAD 83 (SHL/KOP) 421' FNL & 404' FEL
LATITUDE = 32.564786°
LONGITUDE = -103.746781°
NAD 27 (SHL/KOP)
LATITUDE = 32.564664°
LONGITUDE = -103.746285°
STATE PLANE NAD 83 (N.M. EAST)
N: 569697.68' E: 722039.75'
STATE PLANE NAD 27 (N.M. EAST)
N: 569635.58' E: 680859.32'

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						
FTP TO LTP						
5176.16'						
1319.42'						
2539.49'						
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)	
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'	NAD 83 (PPP#2) 1320' FEL
NAD 27 (PPP#2) LATITUDE = 32.551326° LONGITUDE = -103.749269° STATE PLANE NAD 83 (N.M. EAST) N: 564840.11' E: 721147.12'	LATITUDE = 32.551448°
LATITUDE = 32.551326° LONGITUDE = -103.749269° STATE PLANE NAD 83 (N.M. EAST) N: 564840.11' E: 721147.12'	
LONGITUDE = -103.749269° STATE PLANE NAD 83 (N.M. EAST) N: 564840.11' E: 721147.12'	NAD 27 (PPP#2)
STATE PLANE NAD 83 (N.M. EAST) N: 564840.11' E: 721147.12'	LATITUDE = 32.551326°
N: 564840.11' E: 721147.12'	LONGITUDE = -103.749269°
	STATE PLANE NAD 83 (N.M. EAST)
STATE PLANE NAD 27 (N.M. EAST)	
	STATE PLANE NAD 27 (N.M. EAST)
N: 564778.13' E: 679966.56'	N: 564778.13' E: 679966.56'

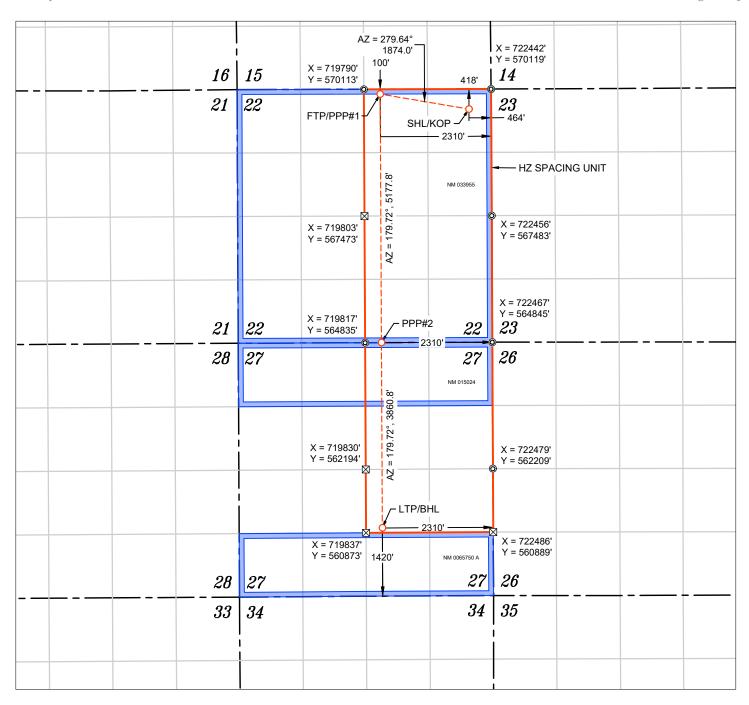
NAD 83 (LTP/BHL) 1420' FSL & 1320' FEL
LATITUDE = 32.540841°
LONGITUDE = -103.749772°
NAD 27 (LTP/BHL)
LATITUDE = 32.540719°
LONGITUDE = -103.749276°
STATE PLANE NAD 83 (N.M. EAST)
N: 560981.25' E: 721165.94'
STATE PLANE NAD 27 (N.M. EAST)
N: 560919.37' E: 679985.27'

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

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



C-102 State of New Energy, Minerals & Nature OIL CONSERVA				ral Resources Department			Revised July 9, 2024					
Via OCD Permitting OIL CONSERVAT					ATION DIVISION				▼ Initial Submittal			
							Submittal Type:	☐ Amended	Report			
						☐ As Drilled				d		
					WELL LOC	ATION INFORMATIO						
API Nu	ımber		Pool Code	53560		Pool Name Salt Lake	e; Bone Sp	ring				
Propert	y Code		Property Na		THAI CUI	RRY 22 27 FED COM			Well Number	#303H		
OGRIE	No. 3329	947	Operator Na	ame	AVANT	OPERATING II, LLC	PERATING II, LLC Ground Level Elevation 3532'					
Surface	Owner: 🗆 S	State 🗆 Fee 🗆	Tribal 🗵 Fe	deral		Mineral Owner: 🗆 S	State X Fee	□ Tribal 🗵	Federal			
					Su	rface Location						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
Α	22	20 S	32 E		418' FNL	464' FEL	32.564	794° -	103.746975°	LEA		
					Botto	om Hole Location	1					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
J	27	20 S	32 E		1420' FSI	L 2310' FEL	32.540	840° -	103.752985°	LEA		
		1 - 24 - 2		1		1						
Dedicated Acres Infill or Defining Well Defining Well API 560.00 Infill			Overlapping Spacing N	Unit (Y/N)	Consolida	tion Code						
Order Numbers.				Well setbacks are u	nder Commo	n Ownersh	ip: □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	Lot	418' FNL		32.564		103.746975°	LEA		
						Take Point (FTP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
В	22	20 S	32 E		100' FNL	2310' FEL	32.565	684° -	103.752967°	LEA		
				1	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' FSI	L 2310' FEL	32.540	840° -	103.752985°	LEA		
			I			L	1	I				
Unitize	d Area or Ar	ea of Uniform I	nterest	Spacing	Unit Type ☑ Ho	rizontal Vertical	Grou	nd Floor Ele	evation: 3532'			
OPER	TOD CED	TIFICATIONS				SURVEYOR CERTIF	TICA TIONG					
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 Fury 4/8/2025				- 31N	1arch	2025 SSI	DNAL SURVEYOR					
Signatur		0	Date	<u> </u>		Signature and Seal of Pro	fessional Surve	eyor				
Sarah	Ferreyro	s				21209	MARCH					
Printed	Name					Certificate Number	Date of Sur	vey				
sarah	@avantn	r.com										
Email A	ddress											



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'

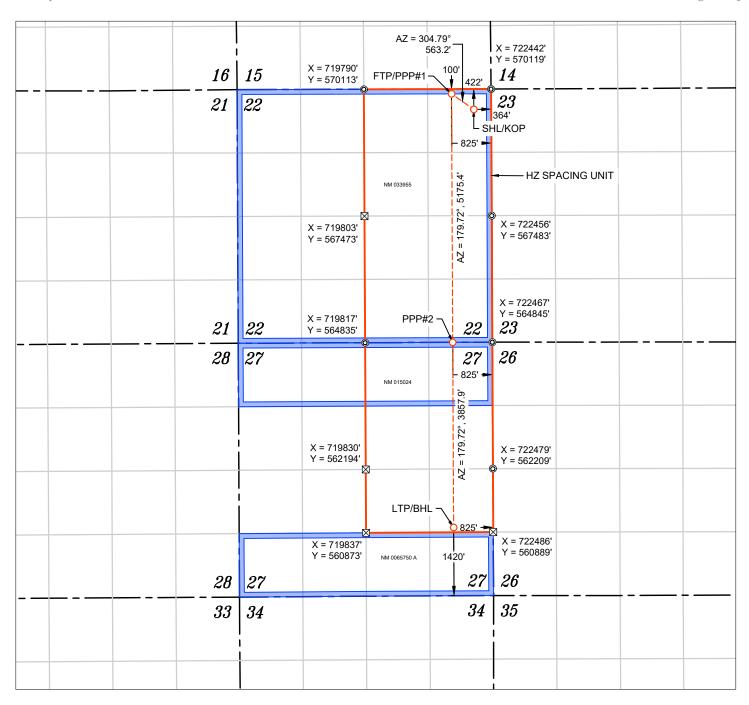
NAD 83 (LTP/BHL) 1420' FSL & 2310' FEL
LATITUDE = 32.540840°
LONGITUDE = -103.752985°
NAD 27 (LTP/BHL)
LATITUDE = 32.540718°
LONGITUDE = -103.752489°
STATE PLANE NAD 83 (N.M. EAST)
N: 560975.41' E: 720175.95'
STATE PLANE NAD 27 (N.M. EAST)
N: 560913.53' E: 678995.29'

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

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<u>C-102</u>	nerals & Nat	tural Res	ural Resources Department				Revised July 9, 2024			
Submit Electronically Via OCD Permitting OIL CONSERV				AHON					X Initial Submittal	
							Submittal Type:		Report	
								☐ As Drille	d	
	ATION IN	ATION INFORMATION								
API Number	Pool Code	53560		Pool Nam	Salt Lake	e; Bone	Spring			
Property Code	Property Na	ame	THAI CUI	RRY 22 2	RY 22 27 FED COM Well Number #401H					
OGRID No. 332947	Operator Na	ame	AVANT	OPERAT	PERATING II, LLC Ground Level Elevation 3532'					
Surface Owner: ☐ State ☐ Fee ☐	Tribal 🛚 Fe	deral		Min	eral Owner: St	tate 🛚 Fee	☐ Tribal 2	₹ Federal		
Surface Location										
UL Section Township	Range	Lot	Ft. from N/S		om E/W	Latitude		Longitude	County	
A 22 20 S	32 E		422' FNL	_	364' FEL	32.564 ⁻		-103.746651°	LEA	
			Botto	om Hole Lo	ocation					
UL Section Township	Range	Lot	Ft. from N/S		rom E/W	Latitude		Longitude	County	
I 27 20 S	32 E		1420' FSI	L	825' FEL	32.540	842° -	-103.748166°	LEA	
	<u> </u>	1				l				
Dedicated Acres Infill or Defi	ning Well	Defining	Well API	Overl	lapping Spacing U	Jnit (Y/N)	Consolida	ation Code		
560.00 Infill					No					
Order Numbers.				Well	Well setbacks are under Common Ownership: □Yes ☒No					
			Kick	Off Point	(KOP)					
UL Section Township	Range	Lot	Ft. from N/S		rom E/W	Latitude		Longitude	County	
A 22 20 S	32 E		422' FNL	_	364' FEL	32.564 ⁻	781° -	-103.746651°	LEA	
			First	Take Poin	it (FTP)					
UL Section Township	Range	Lot	Ft. from N/S		rom E/W	Latitude		Longitude	County	
A 22 20 S 32 E 100' FNL			-	825' FEL	32.565	671° -	-103.748147°	LEA		
		I	Last	Take Poin	t (LTP)	l				
UL Section Township	Range	Lot	Ft. from N/S	Ft. fr	rom E/W	Latitude		Longitude	County	
1 27 20 S	32 E		1420' FSI	L	825' FEL	32.540	842° -	-103.748166°	LEA	
	•			•	,		•	•		
Unitized Area or Area of Uniform Interest Spacing Unit Type X Hor				rizontal 🗆	Vertical	Grou	nd Floor El	levation: 3532'		
ODED A TOD CEDITIEICA TIONS	,			CLIDATI	EVOD CEDTIEI	CATIONS				
OPERATOR CERTIFICATIONS I hereby certify that the information cont		rue and comp	olete to the best of		EYOR CERTIFI certify that the well		on this plat	was plotted from fie	eld notes of actual	
my knowledge and belief, and, if the well organization either owns a working inter				surveys n	nade by me or under lief.	r my supervisio	n, and that th	he same is true and	eorrect to the best	
including the proposed bottom hole local	ion or has a righ	ht to drill this	well at this					W.	NA P	
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				21209						
entered by the division.										
If this well is a horizontal well, I further consent of at least one lessee or owner of										
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.			-	1, ,			12			
					<i>\\\</i>	- 31 M	arch	2025	DNAL SURVEYO	
Signature Signature	Date		4/8/2025	Signatur	re and Seal of Profe			20 20	· · · · · ·	
Sarah Ferreyros	240			21209	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	MARCH				
Sarah Ferreyros Printed Name					ate Number	Date of Surv				
					- :		•			
sarah@avantnr.com Email Address										



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								
5175.36'								
1318.95'								
2539.00'								
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'

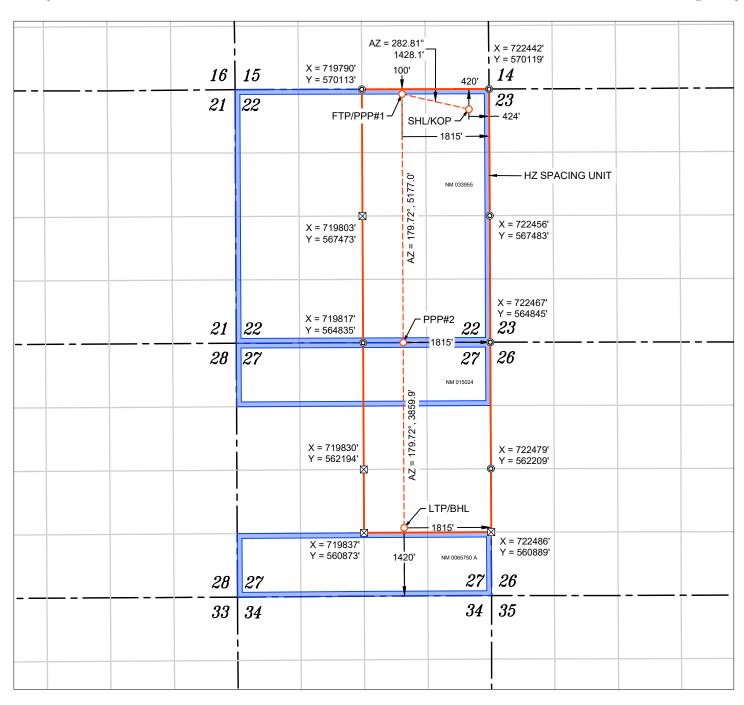
NAD 83 (LTP/BHL) 1420' FSL & 825' FEL
LATITUDE = 32.540842°
LONGITUDE = -103.748166°
NAD 27 (LTP/BHL)
LATITUDE = 32.540720°
LONGITUDE = -103.747671°
STATE PLANE NAD 83 (N.M. EAST)
N: 560984.17' E: 721660.93'
STATE PLANE NAD 27 (N.M. EAST)
N: 560922.29' E: 680480.26'

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

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C-102 Submit Electronically			En		nerals & Nat	ew Mexico tural Resources Depa ATION DIVISION	Revised July 9, 2024				
Via OCD Permitting			OIL CONSERVATION DIVISION					G 1	▼ Initial Submittal		
				Submittal Type:				Report			
					☐ As Drilled						
					WELL LOCA	ATION INFORMATION	N				
API Nu	ımber		Pool Code	53560		Pool Name Salt Lak	ke; Bone	Spring	_		
Propert			Property Na	ame	THAI CUF	RRY 22 27 FED COM	RY 22 27 FED COM Well Number #402H				
OGRIE	^{O No.} 3329	947	Operator Na	ame	AVANT (OPERATING II, LLC	PERATING II, LLC Ground Level Elevation 3532'				
Surface	Owner: 🗆 S	State 🗆 Fee 🗆	Tribal 🛛 Fe	deral		Mineral Owner: S	State X Fee	☐ Tribal 🛚	Federal		
					Sur	rface Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County	
Α	22	20 S	32 E		420' FNL	424' FEL	32.564		103.746846°	LEA	
					Botto	 om 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' FSI	L 1815' FEL	32.540	840° -	103.751378°	LEA	
Dedica	ted Acres	Infill or Defin	ning Well	Defining	Well API	Overlapping Spacing	Unit (Y/N)	Consolida	tion Code		
560.00 Infill						No	No				
Order 1	Numbers.			1		Well setbacks are under Common Ownership: □Yes XNo					
					V: al-	Off Doing (VOD)					
UL	Section	Township	Range	Lot	Ft. from N/S	Off Point (KOP) Ft. from E/W	Latitude		Longitude	County	
A	22	20 S	32 E	Lot	420' FNL		32.564		103.746846°	LEA	
		200	02 L			Take Point (FTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County	
В	22	20 S	32 E	Lot	100' FNL			32.565680° -10		LEA	
		200	02 2			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	201	1420' FSL		32.540		103.751378°	LEA	
	21	20.5	J2 L		1420 1 31	1013111				LLA	
Unitized Area or Area of Uniform Interest Spacing Unit Type 🛭 Hori:					rizontal 🗆 Vertical	Grou	ınd Floor Ele	evation: 3532'			
ODED	ATOD CED	TIFICATIONS	,			SURVEYOR CERTIF	CICATIONS				
I hereby my know organiza including location interest,	certify that the cledge and beliution either own g the proposed pursuant to a c	information conto ef, and, if the well ns a working interd bottom hole locat	ained herein is t is a vertical or a est or unleased i ion or has a rigi wner of a worki	directional we mineral intere ht to drill this ng interest or	est in the land well at this unleased mineral	I hereby certify that the we surveys made by me or und of my belief.	ll location show				
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 Fury 4/8/2025			1	- 31 M	1arch	2025 SSI	ONAL SURVEYOR				
Signature Date					Signature and Seal of Pro	fessional Surv	eyor				
Sara	ah Ferre	yros				21209	MARCH	27, 2025			
Printed	Name					Certificate Number	Date of Sur	vey			
	_	ntnr.com				_					
Email A	ddress										



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

NAD 83 (SHL/KOP) 420' FNL & 424' FEL
LATITUDE = 32.564789°
LONGITUDE = -103.746846°
NAD 27 (SHL/KOP)
LATITUDE = 32.564667°
LONGITUDE = -103.746350°
STATE PLANE NAD 83 (N.M. EAST)
N: 569698.52' E: 722019.77'
STATE PLANE NAD 27 (N.M. EAST)
N: 569636.42' E: 680839.34'

NAD 83 (FTP/PPP#1) 100' FNL & 1815' FEL
LATITUDE = 32.565680°
LONGITUDE = -103.751360° NAD 27 (FTP/PPP#1)
LATITUDE = 32.565558° LONGITUDE = -103.750863°
STATE PLANE NAD 83 (N.M. EAST)
N: 570015.05' E: 720627.21' STATE PLANE NAD 27 (N.M. EAST)
N: 569952.95' E: 679446.80'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP								
5176.96'								
1319.89'								
2539.98'								
9036.83'								

NAD 83 (PPP#2) 1815' FEL	
LATITUDE = 32.551450°	
LONGITUDE = -103.751371°	
NAD 27 (PPP#2)	
LATITUDE = 32.551328°	
LONGITUDE = -103.750875°	
STATE PLANE NAD 83 (N.M. EAST)	
N: 564838.15' E: 720652.13'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 564776.18' E: 679471.57'	

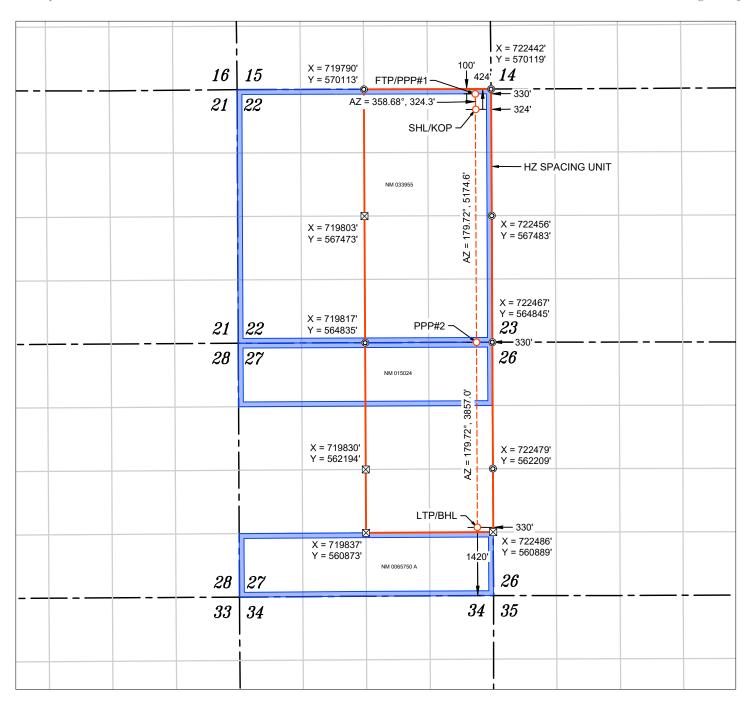
NAD 83 (LTP/BHL) 1420' FSL & 1815' FEL
LATITUDE = 32.540840°
LONGITUDE = -103.751378°
NAD 27 (LTP/BHL)
LATITUDE = 32.540718°
LONGITUDE = -103.750882°
STATE PLANE NAD 83 (N.M. EAST)
N: 560978.33' E: 720670.95'
STATE PLANE NAD 27 (N.M. EAST)
N: 560916.45' E: 679490.29'

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

- 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		State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION					Revised July 9, 2024				
Submit Electronically Via OCD Permitting OIL CONSERVA				ATION DIVISION	X Initial Su	▼ Initial Submittal						
				nended Report								
						☐ As Drille	As Drilled					
WELL LOCA					ATION INFORMATION							
API Number Pool Code 53560					Pool Name Salt Lake; Bone Spring							
Property Code Property Name				THAI CUF	RRY 22 27 FED COM Well Number #501H							
OGRID No. 332947 Operator Name AVANT				AVANT (OPERATING II, LLC Ground Level Elevation 3532'							
Surface	Owner: 🗆 S	State \square Fee \square	Tribal 🗶 Fe	deral		Mineral Owner: □	State X Fee	□ Tribal 🛚	Federal			
					Sui	rface Location						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude]	Longitude	County		
Α	22	20 S	32 E		424' FNL	. 324' FEL	32.564		103.746521°	LEA		
					Botto	om 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' FSI	_ 330' FEL	32.540	842° -	103.746560°	LEA		
- 41		1 CH D C	. *** 11		XX 11 4 DX		II . GIAD					
	ted Acres 80.00	Infill or Defin	-	Defining	Well API		Overlapping Spacing Unit (Y/N) Consolidation Code					
		Definin	ig				No No					
Order	Numbers.					Well setbacks are under Common Ownership: □Yes 🗷 No						
				1	Kick	Off Point (KOP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
Α	22	20 S	32 E		424' FNL		32.564	776° -1	103.746521°	LEA		
				•	1	Take Point (FTP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
Α	22	20 S	32 E		100' FNL	FNL 330' FEL 32.565667° -103.74654			103.746540°	LEA		
	1	T 1:		1.	1	Take Point (LTP)	1					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
I	27	20 S	32 E		1420' FSI	_ 330' FEL	32.540	842 -	103.746560°	LEA		
Unitize	d Area or Ar	ea of Uniform I	nterect	Spacing	Unit Type V Ho	rizontal Vertical	Grou	nd Floor Ele	vation:			
Ontize	d Alca of Al	ca of Chilofin I	nterest	Spacing	Ollit Type 🙇 Hol	inzontai 🗆 verticai	Grou	nu i iooi Lie	3532'			
OPER.	ATOR CER	TIFICATIONS				SURVEYOR CERTIF	FICATIONS					
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 hereby certify that the we surveys made by me or und of my belief.								
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 Furysos 4/8/2025				_ Ju	~ 31 M	1arch	2025 8810	CNAL SURVEYOR				
Signature Date				Signature and Seal of Pro	ofessional Surve	eyor						
Sara	h Ferre	yros				21209	MARCH	27, 2025				
Printed	Name					Certificate Number	Date of Sur	vey				
sarah@avantnr.com				_								
Email Address												



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: 560622 22! E: 680020 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'

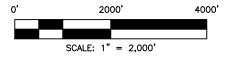
APPROXIMATE V	
NM 033955	5174.55'
NM 015024	1318.48'
S2/N2 & N2/S2 SEC 27	2538.51'
TOTAL	9031.54'

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

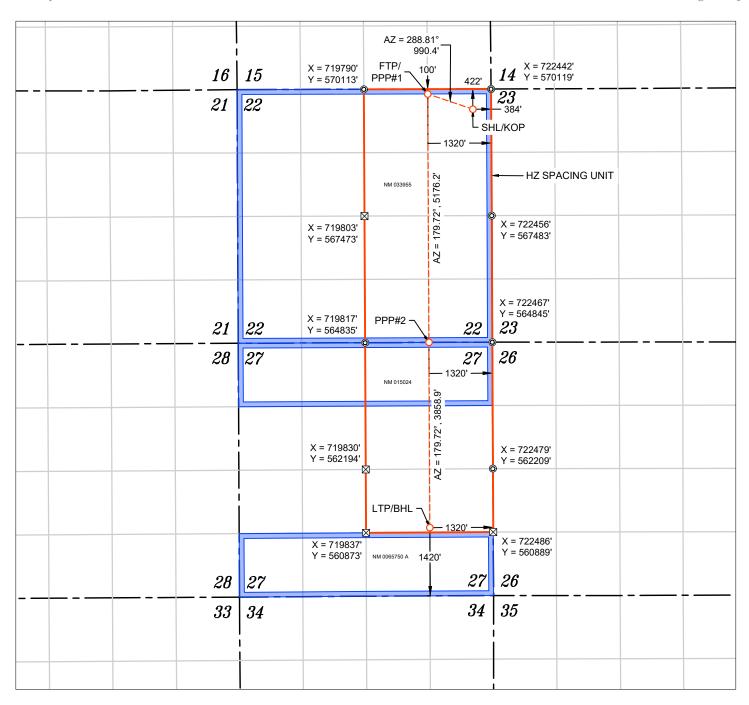
NAD 83 (LTP/BHL) 1420' FSL & 330' FEL
LATITUDE = 32.540842°
LONGITUDE = -103.746560°
NAD 27 (LTP/BHL)
LATITUDE = 32.540720°
LONGITUDE = -103.746065°
STATE PLANE NAD 83 (N.M. EAST)
N: 560987.09' E: 722155.92'
STATE PLANE NAD 27 (N.M. EAST)
N: 560925.21' E: 680975.24'

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

- 1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
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- 3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.



<u>C-102</u>	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION					Revised July 9, 2024			
Submit Electronically Via OCD Permitting OIL CONSERVA						X Initial S		bmittal	
			Submittal Type:				amended Report		
				☐ As Drilled				d	
			WELL LOC	ATION INFORMATION					
API Number	Pool Code 53560 Pool Name Salt Lake; Bone Spring								
Property Code	Property Na	ame	THAI CUI	RRY 22 27 FED COM Well Number #502H					
OGRID No. 332947	Operator Name Ground Level Elev					el Elevation 3532'			
Surface Owner: ☐ State ☐ Fee ☐	Tribal 🛚 Fe	deral		Mineral Ow	ner: 🗆 St	tate 🕱 Fee [🗆 Tribal 🛭	I Federal	
			Su	rface Location					
UL Section Township	Range	Lot	Ft. from N/S	Ft. from E/V	V	Latitude		Longitude	County
A 22 20 S	32 E		422' FNL	. 384' F	EL	32.5647		103.746716°	LEA
			Botto	m Hole Location	1				
UL Section Township	Range	Lot	Ft. from N/S	Ft. from E/V		Latitude		Longitude	County
I 27 20 S	32 E		1420' FSI	_ 1320'	FEL	32.5408	841° -	103.749772°	LEA
Dedicated Acres Infill or Defin	ning Well	Defining	Well API	Overlapping	Spacing U	Jnit (Y/N)	Consolida	ntion Code	
560.00 Infill				N	No				
Order Numbers.				Well setbacks are under Common Ownership: □Yes XINo					
			Kick	Off Point (KOP)					
UL Section Township	Range	Lot	Ft. from N/S	Ft. from E/V		Latitude		Longitude	County
A 22 20 S	32 E		422' FNL	. 384' F	EL	32.564783° -		103.746716°	LEA
				Take Point (FTP)				
UL Section Township	Range	Lot	Ft. from N/S	Ft. from E/V		Latitude		Longitude	County
A 22 20 S	32 E		100' FNL	. 1320' I	FEL	32.5656	675° -	103.749753°	LEA
			Last	Take Point (LTP)				
UL Section Township	Range	Lot	Ft. from N/S	Ft. from E/V	V	Latitude		Longitude	County
I 27 20 S	32 E		1420' FSI	_ 1320'	FEL	32.5408	841° -	103.749772°	LEA
			•				•	•	
Unitized Area or Area of Uniform In	nterest	Spacing 1	Unit Type 🛚 Ho	rizontal Vertical	1	Grour	nd Floor El	evation: 3532'	
OPERATOR CERTIFICATIONS				CLIDVENOD	CEDTIE	CATIONS			
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				at the well	location shown		was plotted from fie the same is true and		
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								M	MENTY
interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.							L SEN	CO O	
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							(2	1209	
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.			1	4			7		
Sarah Ferreyros 4/8/2025				/	31 M	arch:	2025 Essi	ONAL SURVEYO	
Signature	Date		012023	Signature and Se	eal of Profe	essional Surve	yor		
Sarah Ferreyros				21209		MARCH			
Printed Name				Certificate Num	ber	Date of Surv	/ey		
sarah@avantnr.com				-					



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: 560624 74' E: 680870 20'

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					
FTP TO LTP					
5176.16'					
1319.42'					
2539.49'					
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'

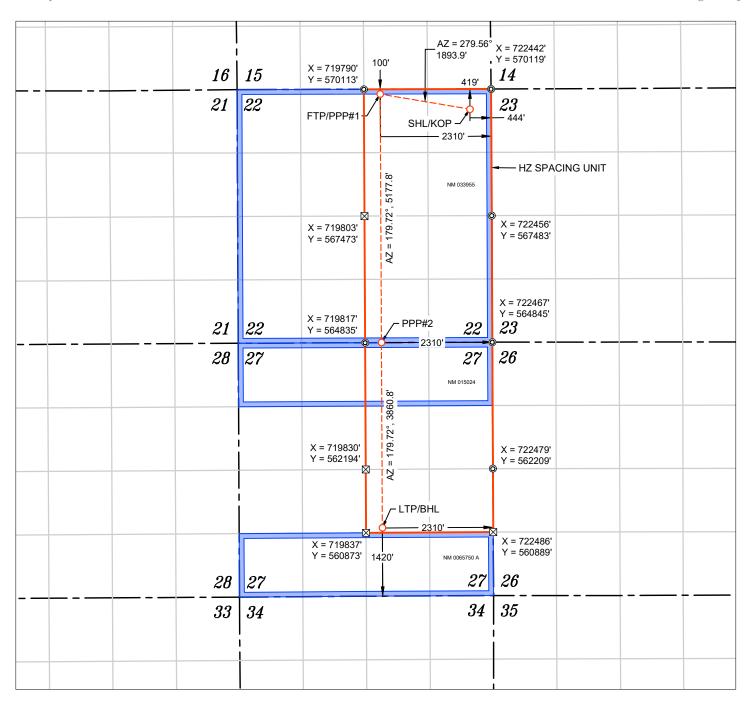
NAD 83 (LTP/BHL) 1420' FSL & 1320' FEL
LATITUDE = 32.540841°
LONGITUDE = -103.749772°
NAD 27 (LTP/BHL)
LATITUDE = 32.540719°
LONGITUDE = -103.749276°
STATE PLANE NAD 83 (N.M. EAST)
N: 560981.25' E: 721165.94'
STATE PLANE NAD 27 (N.M. EAST)
N: 560919.37' E: 679985.27'

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

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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			En		inerals & Nat	w Mexico ral Resources Department TION DIVISION		Revised July 9, 2024			
Via OCD Permitting								Submitta	I Initial Su		
				Type: ☐ Amended Report				*			
WELLIOS			TION INFORMATION								
A DI Nu	ımbar		Pool Code			Dool Name					
API Number Pool Code 53560				Pool Name Salt Lake; Bone Spring							
Property Code Property Name THAI CU				THAI CUI	RRY 22 27 FED COM Well Number #503H						
OGRID No. 332947			Operator Name AVANT OF			PERATING II, LLC			Ground Level Elevation 3532'		
Surface	Owner: 🗆 S	State Fee	Tribal 🗶 Fe	deral		Mineral Owner:	State X Fee	☐ Tribal 🛚	Federal		
					Sur	rface Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County	
Α	22	20 S	32 E		419' FNL	444' FEL	32.564		103.746910°	LEA	
					Botto	om 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' FSI	L 2310' FEL	32.540	840° -	103.752985°	LEA	
	1		!		!		<u>'</u>				
	ted Acres	Infill or Defir	ning Well	Defining	Well API				Consolidation Code		
	560.00 Infill Order Numbers.				No Well setbacks are under Common Ownership: □Yes XNo						
Order	Numbers.					well setbacks are t	inder Commo	ii Ownersii	ip. \square res \square no		
	T		1			Off Point (KOP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude 32.564		Longitude 103.746910°	County	
A	22	20 S	32 E		419' FNL		32.304	-/91	103.740910	LEA	
UL	Section	Township	Range	Lot	Ft. from N/S	Take Point (FTP) Ft. from E/W	Latitude		Longitude	County	
В	22	20 S	32 E	Lot	100' FNL		32.565		103.752967°	LEA	
		200	02.2			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' FSI	L 2310' FEL	32.540	840° -	103.752985°	LEA	
				l							
Unitize	d Area or Ar	ea of Uniform I	nterest	Spacing	Unit Type 🛚 Ho	rizontal Vertical	Grou	nd Floor El	evation: 3532'		
OPER	ATOR CER	TIEIC A TIONS				CLIDVEVOD CEDTI	ELCATIONS				
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.			SURVEYOR CERTII I hereby certify that the we surveys made by me or und of my belief.	ll location show							
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 Furyeys 4/8/2025					- 31 M	aroh 2	Roper Service	DNAL SURVEYOR			
Signature Date				Signature and Seal of Pro	ofessional Surve	eyor					
Sara	ah Ferre	yros				21209	MARCH	26, 2025			
Printed	Name					Certificate Number	Date of Sur	vey			
	sarah@avantnr.com				_						
Email Address						1					



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 V	
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'	

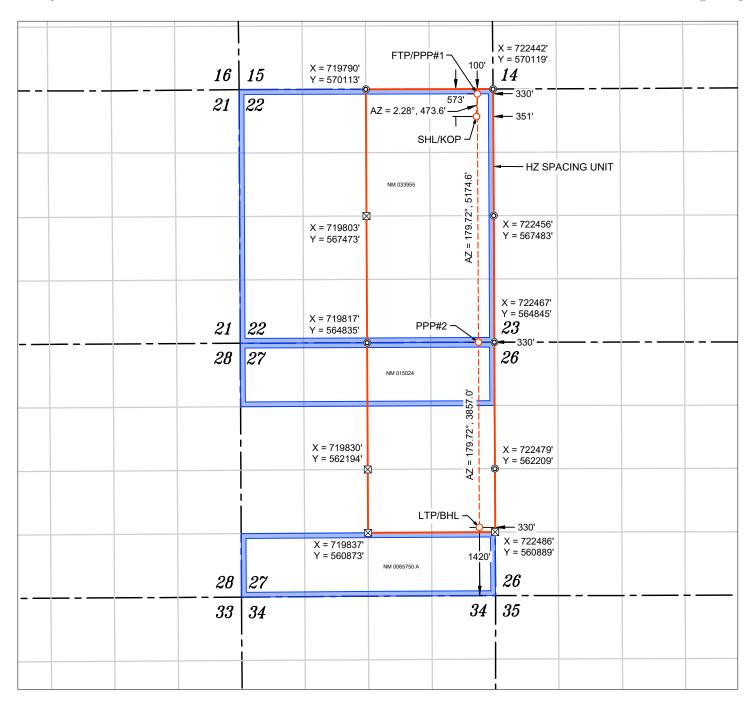
NAD 83 (LTP/BHL) 1420' FSL & 2310' FEL
LATITUDE = 32.540840°
LONGITUDE = -103.752985°
NAD 27 (LTP/BHL)
LATITUDE = 32.540718°
LONGITUDE = -103.752489°
STATE PLANE NAD 83 (N.M. EAST)
N: 560975.41' E: 720175.95'
STATE PLANE NAD 27 (N.M. EAST)
N: 560913.53' E: 678995.29'

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

- 1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
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- 3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.



Energy, Minera				tural	w Mexico ral Resources Department TION DIVISION			Revised July 9, 2024				
Via OCD Permitting			OIL CONSERVA				HON DIVISION		0.1.44		▼ Initial Submittal	
									Submitta Type:	☐ Amended	☐ Amended Report	
									☐ As Drille	d		
					WELL LOC		ON INFORMATION					
API Nu				53560		Pool	Salt Lake	e; Bone	Spring	-		
Propert	y Code		Property Na		THAI CUI	RRY	22 27 FED COM		Well Number #601H			
OGRIE	^{O No.} 332	2947	Operator Na	ame	AVANT	OPE	RATING II, LLC	Ground Level Elevation 3533'				
Surface	Owner: 🗆 S	State □ Fee □	Tribal 🗶 Fee	deral			Mineral Owner: ☐ St	ate XI Fee	□ Tribal 🏾	Federal		
					Su	rface	Location					
UL	Section	Township	Range	Lot	Ft. from N/S		Ft. from E/W	Latitude		Longitude	County	
Α	22	20 S	32 E		573' FNL	L	351' FEL	32.564	366° -	103.746609°	LEA	
					Botto	om Ho	ole Location					
UL	Section	Township	Range	Lot	Ft. from N/S		Ft. from E/W	Latitude		Longitude	County	
1	27	20 S	32 E		1420' FSI	L	330' FEL	32.540	842° -	103.746560°	LEA	
	ted Acres 60.00	Infill or Defin	ning Well	Defining	Well API	(Overlapping Spacing U	Jnit (Y/N)	Consolida	ntion Code		
Order 1	Numbers.			.1			Well setbacks are und	der Commo	n Ownersh	ip: □Yes X No		
					Viale	Off D	Point (KOP)					
UL	Section	Township	Range	Lot	Ft. from N/S		Ft. from E/W	Latitude		Longitude	County	
A	22	20 S	32 E	Lot	573' FNL		351' FEL	32.564		103.746609°	LEA	
							Point (FTP)					
UL	Section	Township	Range	Lot	Ft. from N/S		Ft. from E/W	Latitude		Longitude	County	
Α	22	20 S	32 E		100' FNL	_	330' FEL	32.565	667° -	103.746540°	LEA	
			<u> </u>	<u> </u>	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' FSI	L	330' FEL	32.540	842° -	103.746560°	LEA	
	1	1			1	<u> </u>						
Unitize	d Area or Ar	ea of Uniform I	nterest	Spacing	Unit Type 🛚 Ho	orizonta	al Vertical	Grou	nd Floor El	evation: 3533'		
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.				I h sun of i	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. C. P.A. D. L. M. M. L. C. P.A. D. L.							
Sarah Ferreyros 4/8/2025					31 March 2025 Sonal SURFERS				DNAL SURVE			
Signature Date				Sig	gnature and Seal of Profe	essional Surve	yor					
Sara	h Ferre	yros				21	209	MARCH				
Printed	Name					Се	ertificate Number	Date of Surv	vey			
sarah@avantnr.com Email Address					_							



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: 560482 20' E: 680012 07'

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°	Τ
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'	Ξ
STATE PLANE NAD 27 (N.M. EAST)	
N: 564782.05' E: 680956.55'	
	-

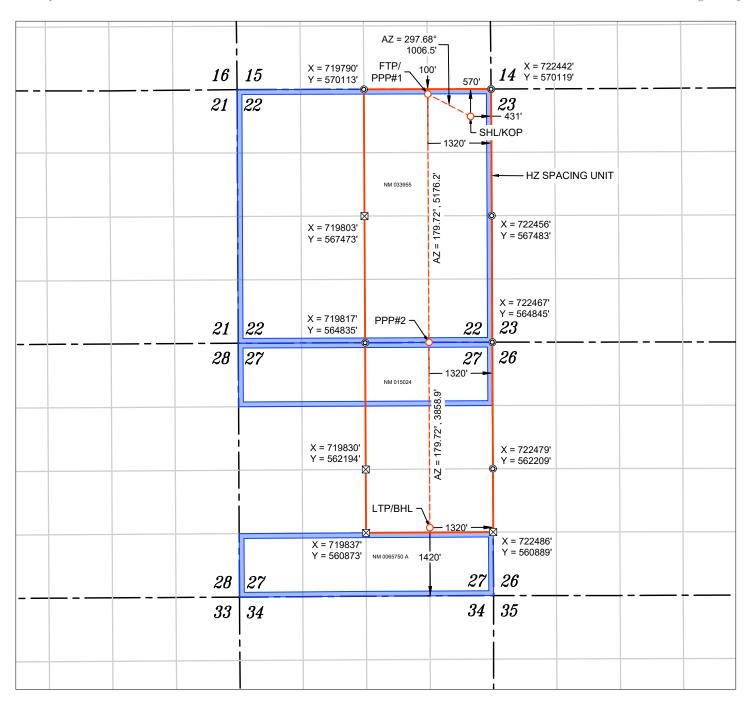
NAD 83 (LTP/BHL) 1420' FSL & 330' FEL
LATITUDE = 32.540842°
LONGITUDE = -103.746560°
NAD 27 (LTP/BHL)
LATITUDE = 32.540720°
LONGITUDE = -103.746065°
STATE PLANE NAD 83 (N.M. EAST)
N: 560987.09' E: 722155.92'
STATE PLANE NAD 27 (N.M. EAST)
N: 560925.21' E: 680975.24'

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

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C-102 Submit Electronically Via OCD Permitting			En			w Mexico ral Resources Department TION DIVISION		Submittal Type:	Revised July 9, 202 X Initial Submittal Amended Report			
									☐ As Drille	d		
						Dool Nama	TION INFORMATION					
				53560)	Salt Lak	Pool Name Salt Lake; Bone Spring					
Property	•		Property Na	ame	THAI CURRY 22 27 FED COM				Well Number #602H			
OGRID	No. 3329	947	Operator Na	Operator Name AVANT OPERATING II, LLC						el Elevation 3532'		
		State □ Fee □	Tribal 🛚 Fe	deral		Mineral Owner: □ S	State X Fee	□ Tribal 🛚	Federal			
					Sur	rface Location						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I .	Longitude	County		
Α	22	20 S	32 E		570' FNL	. 431' FEL	32.564	377° -1	103.746869°	LEA		
***		T. 1:	Ъ	T		m Hole Location	1	1 7	1	6 1		
UL	Section 27	Township 20 S	Range 32 E	Lot	Ft. from N/S 1420' FSL	Ft. from E/W 1320' FEL	Latitude 32.540		Longitude 103.749772°	County LEA		
					1420 1 01	1020 1 22	02.010		100.7 10772			
Dedicat	ed Acres	Infill or Defir	ning Well	Defining	Well API	Overlapping Spacing	Unit (Y/N)	Consolidat	ion Code			
560.00 Infill						No						
Order N	Numbers.					Well setbacks are un	nder Commo	n Ownershi	p: □Yes X No			
					Kick	Off Point (KOP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
Α	22	20 S	32 E		570' FNL	. 431' FEL	32.564	377° -1	103.746869°	LEA		
	ı					Take Point (FTP)	1					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude 32.565	1	Longitude 103.749753°	County		
A 22 20 S 32 E			100' FNL		32.303	075	103.749733	LEA				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	l I	Longitude	County		
1	27	20 S	32 E		1420' FSL		32.540			LEA		
						- .020 . 22				,		
Unitize	d Area or Ar	ea of Uniform I	nterest	Spacing	Unit Type 🛚 Hor	rizontal Vertical	Grou	nd Floor Ele	vation: 3532'			
ODED	TOD CED	TIFICATIONS				SLIDVEVOD CEDTIE	ICATIONS					
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.				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. C. PA 21209								
Sarah Ferreyros 4/8/2025				31 March 2025 Sonal surveio								
8	Signature Date				Signature and Seal of Pro		•					
	Sarah Ferreyros				21209	MARCH	-					
Printed 1						Certificate Number	Date of Sur	vey				
	sarah@avantnr.com Email Address					-						



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: 560486 55! E: 680822 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'

WELL BORE FTP TO LTP
FIF IO LIF
5176.16'
1319.42
2539.49'
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'

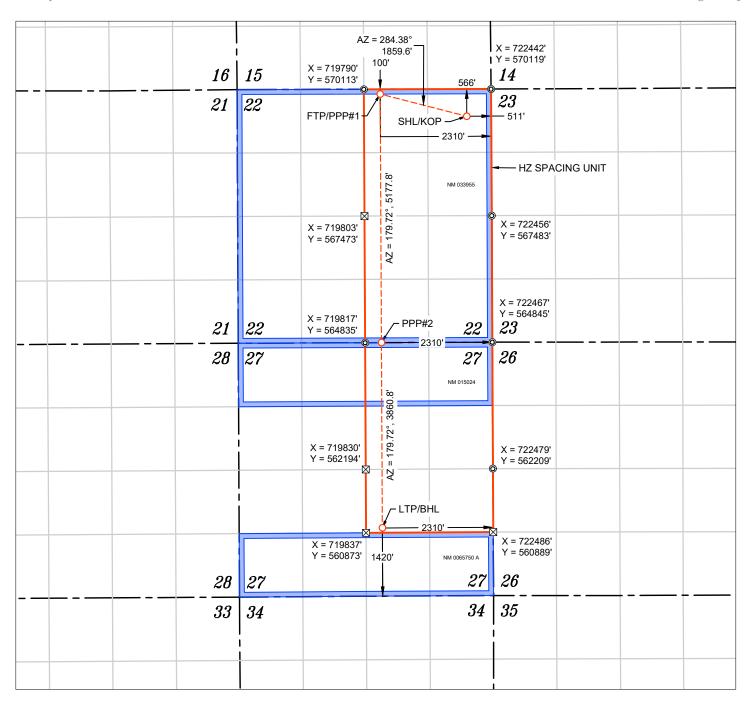
NAD 83 (LTP/BHL) 1420' FSL & 1320' FEL
LATITUDE = 32.540841°
LONGITUDE = -103.749772°
NAD 27 (LTP/BHL)
LATITUDE = 32.540719°
LONGITUDE = -103.749276°
STATE PLANE NAD 83 (N.M. EAST)
N: 560981.25' E: 721165.94'
STATE PLANE NAD 27 (N.M. EAST)
N: 560919.37' E: 679985.27'

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

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<u>C-102</u>							ral Resources Department			Revised July 9, 2024		
Submit Electronically Via OCD Permitting			OIL CONSERVA				ON DIVISION			▼ Initial Submittal		
								Submitta Type:	l	Report		
										☐ As Drille	d	
WELL LOCA			ATIO	ATION INFORMATION								
API Number			Pool Code 53560				Pool Name Salt Lake; Bone Spring					
Property Code			Property Name THAI CURI				RY 22 27 FED COM			Well Number #603H		
OGRID No. 332947			Operator Name AVANT OF				PERATING II, LLC			Ground Level Elevation 3532'		
Surface	Owner: 🗆 S	State \square Fee \square	Tribal 🛛 Fe	deral		Mineral Owner: ☐ State 🗶 Fee ☐ Tribal 🕱 Federal						
Surface Location												
UL	Section	Township	Range	Lot	Ft. from N/S		Ft. from E/W	Latitude		Longitude	County	
Α	22	20 S	32 E		566' FNL	_	511' FEL	32.564	387° -	·103.747128°	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' FSI	L	2310' FEL	32.540	840° -	·103.752985°	LEA	
Dedicated Acres			Defining	Well API	(Overlapping Spacing U	Jnit (Y/N)	Consolida	ation Code			
560.00 Infill							No					
Order Numbers.					Well setbacks are under Common Ownership: □Yes XINo							
					Kick	Off P	Point (KOP)					
UL	Section	Township	Range	Lot	Ft. from N/S		Ft. from E/W	Latitude		Longitude	County	
Α	22	20 S	32 E		566' FNL	_	511' FEL	32.564	387° -	·103.747128°	LEA	
					First	Take	Point (FTP)					
UL	Section	Township	Range	Lot	Ft. from N/S		Ft. from E/W	Latitude		Longitude	County	
В	22	20 S	32 E		100' FNL	-	2310' FEL	32.565684° -1		·103.752967°	LEA	
					Last	Take 1	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' FSI	L	2310' FEL	32.540	840° -	·103.752985°	LEA	
								1				
Unitized Area or Area of Uniform Interest Spacing Unit Type X Hori				orizonta	al Vertical	Grou	nd Floor El	evation: 3532'				
OPERATOR CERTIFICATIONS S						CI	JRVEYOR CERTIFI	CATIONS				
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 he sur	ereby certify that the well vveys made by me or under my belief.	location shown						
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. Sarah Furyos 4/8/2025				_	Ju	- 31 M	larch	2028 ESSIO	DNAL SURVEYOR			
Signature Date				Sig	gnature and Seal of Profe	essional Surve	yor					
Sarah Ferreyros				21	209	MARCH	27, 2025					
Printed Name					Ce	ertificate Number	Date of Surv	vey				
sarah@avantnr.com												
Email Address						_						



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' F: 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'

WELL BORE FTP TO LTP
5177.76'
1320.36'
2540.47'
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
O SHL/ KOP/ FTP / PPP/ LTP / BHL
———— WELLBORE
——— HORIZONTAL SPACING UNIT
STATE OIL & GAS LEASE
BLM OIL & GAS LEASE

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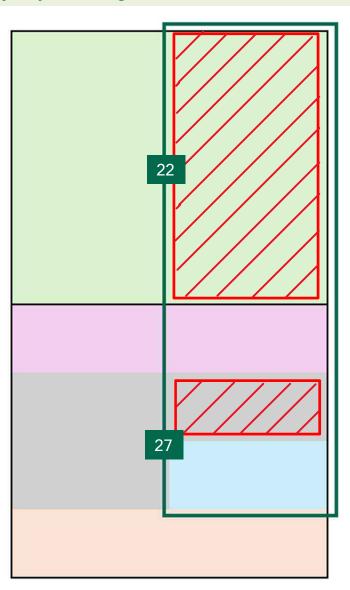
Avant Operating II, LLC Case No. 25348 Exhibit A-3

Lease Tract Map

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



AO II holds majority working interest in the unit and owns an interest across the entire unit





Tracts to which AO II owns an interest

Tract No.	Lease
1	NMNM 033955
2	NMNM 015024
3	FEE
4	FEE

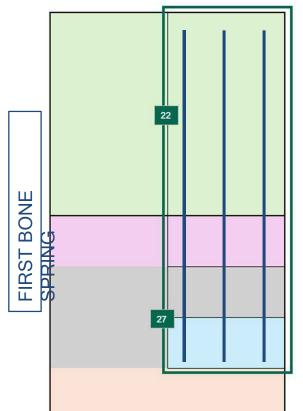


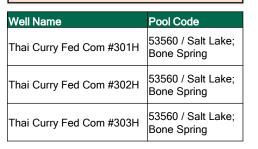
Lease Tract Map with locations

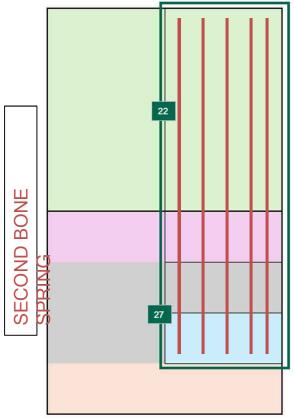
Thai Curry 22 27 Fed Com #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H Avant Operating II, LLC Case No. 25348 Exhibit A-3



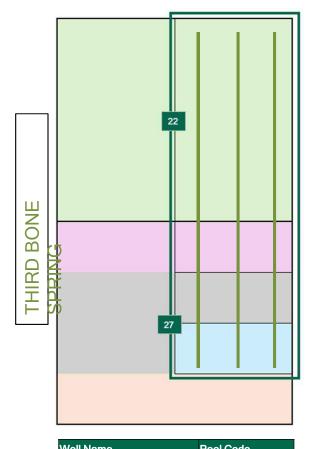
Tract Map with approx. well locations







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
II hai Ciirry Fed Com #601H	53560 / Salt Lake; Bone Spring
II hai Ciirry Fed Com #601H	53560 / Salt Lake; Bone Spring
II nai Ciirry Fed Com #hii i H	53560 / Salt Lake; Bone Spring



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

Avant Operating II, LLC Case No. 25348 Exhibit A-4



E2 of Section 22 and NE, N2SE of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico

Summary of Working Interest Owners:

UNIT BREAKOUT BY OWNER	Owner Type	NMA	Unit WI	Tract No.	Status	
AOII PERMIAN, LLC *	WI	223.92	39.99%	1, 3, 4	OPERATOR	
Civitas Permian Operating, LLC	WI	80.00	<mark>14.29%</mark>	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	<mark>26.67</mark>	<mark>4.76%</mark>	<mark>3, 4</mark>	Uncommitted - Compulsory Pool	
Earthstone Permian LLC	WI	<mark>25.94</mark>	<mark>4.63%</mark>	1	Uncommitted - Compulsory Pool_	
Trainer Partners LTD.	WI	25.94	<mark>4.63%</mark>	1	Uncommitted - Compulsory Pool_	
WR Non-Op LLC	WI	24.58	4.39%	1, 3, 4	JOA - Committed	
SITL Energy, LLC	WI	10.66	1.90%	1	JOA - Committed	
Southpaw Land & Timber, LLC	WI	8.00	1.43%	3, 4	JOA - Committed	
Big Three Energy Group, LLC	WI	<u>6.67</u>	<mark>1.19%</mark>	3	Uncommitted - Compulsory Pool_	
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_	

Highlighted = Parties to be Pooled 63.36% = Working Interest Control



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

^{**} Supports Development, Received signed elections to participate.

ORRI Ownership Thai Curry 22 247 Fed Com #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H

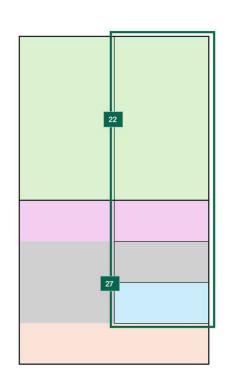
Avant Operating II, LLC Case No. 25348 Exhibit A-4



E2 of Section 22 and NE, N2SE of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico

Summary of ORRI 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
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
Trobaugh Properties, A Texas GP	1
Ventura Oil & Gas, LLC	1
PBC Resources, LLC	1



Tract No.	Lease
1	NMNM 033955
2	NMNM 015024
3	FEE
4	FEE



LLC

ORRI Ownership Thai Curry 22 247 Fed Com #301H-#303H, #401H-#402H, #501H-#503H, #601H-#603H

Avant Operating II, LLC Case No. 25348 Exhibit A-4



E2 of Section 22 and NE, N2SE of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico

Summary of Other 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,

Tiffany Sarantinos Senior Landman

garantinos

Enclosures



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.	t
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.	t
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.	t
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.	t
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.	t
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.	t
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.	t
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.	t
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.	t
BEXP II ALPHA, LLC	
Ву:	
Printed Name:	
Title:	
Date:	



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 GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

TOTAL

DRILLING: \$3,795,095

COMPLETIONS: \$5,542,848

FACILITIES: \$1,034,565

COMPLETED WELL COST: \$10,372,508

OPERATOR APPROVAL:

AFE: NM1065 Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #301H Projected MD/TVD: 17823/8800

 Target: 1BS
 Spud to TD: 12.3

 County: Lea
 Lateral Length: 8700

 State: NM
 Stages: 56

SHL: S22-T20S-R32E 360' FNL, 600' FEL Total Proppant (ppf): 2500
BHL: S27-T20S-R32E 1420' FSL, 330' FEL Total Fluid (gal/ft): 3000

TANGIBLE COSTS			Drilling	Completion	Facility	Total
Tangible Drilling \$		\$ 905,956	\$ -	\$ -	\$ 905,950	
	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 Co	mpletion	•	\$ -	\$ 21,050	\$ -	\$ 21,050
8400.352 Wellhead & Equipment 5		\$ -	\$ 21,050	\$ -	\$ 21,050	
Tangible Art	tificial Lift		\$ _	\$ 543,508	\$ -	\$ 543,500
	8325.702	Tubing	\$ -	\$ 90,000	\$ -	\$ 90,000
1	8325,704	Downhole Artificial Lift Eqpt	\$ -	\$ 350,000	\$ -	\$ 350,000
1	8325.705	ESP Equipment/Install	\$ -	\$ 40,000	\$ -	\$ 40,000
ı	8325,711	Wellhead Equipment	\$ -	\$ 63,508	\$ -	\$ 63,508
Tangible Fac	cility		\$ -	\$ -	\$ 703,983	\$ 703,983
	8355,500	Vessels	\$ -	\$ -	\$ 215,817	\$ 215,817
1	8355.510	Tanks	\$ -	\$ -	\$ 92,483	\$ 92,483
1	8355.515	Flare	\$ -	\$ -	\$ 18,383	\$ 18,383
1	8355.520	PVF	\$ -	\$ -	\$ 107,983	\$ 107,983
1	8355.525	Containment	\$ _	\$ -	\$ 18,383	\$ 18,383
1	8355,530	Compressors	\$ -	\$ -	\$ 5,517	\$ 5,517
1	8355,535	Instrumentation / Meters	\$ -	\$ -	\$ 34,433	\$ 34,433
ı	8355.540	Electrical Supplies	\$ -	\$ -	\$ 66,750	\$ 66,750
ı	8355.550	Overhead Power Material	\$ -	\$ -	\$ 76,050	\$ 76,050
ı	8355.555	Pump / Supplies	\$ -	\$ -	\$ 38,967	\$ 38,96
	8355,565	Flowline	\$ -	\$ -	\$ 29,217	\$ 29,217
	TOTAL 1	TANGIBLE COSTS >>>	\$ 905,956	\$ 564,558	\$ 703,983	\$ 2,174,49

	INTA	ANGIBLE COSTS	Drilling	Completion	Facility	Total
Intangible Drilling			\$ 2,889,139	\$ -	\$ -	\$ 2,889,139
	8200,102	Drilling - Daywork	\$ 603,142	\$ -	\$ -	\$ 603,142
Ī	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
Ī	8200.117	Mud & Chemicals	\$ 121,432	\$ -	\$ -	\$ 121,432
	8200.119	Mud-Auxiliary	\$ 26,529	\$ -	\$ -	\$ 26,529
	8200.124	Equipment Rental	\$ 165,475	\$ -	\$ -	\$ 165,475
Ī	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,359
	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$ 63,251
	8200.128	Drilling - Directional	\$ 241,048	\$ -	\$ -	\$ 241,048
Ī	8200.136	Mudlogging	\$ 9,609	\$ -	\$ -	\$ 9,609
	8200,137	Casing Services	\$ 126,168	\$ -	\$ -	\$ 126,168
Ī	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

	TA	ROJECT COSTS >>>	0,100,000	٠,٠	ψ 0,04 <u>2,</u> 040	Ψ 1,054,505	10,572,50
		-	\$ 3,795,095	5 5	\$ 5,542,848	\$ 1,034,565	\$ 10,372,50
L.	TOTAL INT	ANGIBLE COSTS >>>	\$ 2,889,139	9 3	\$ 4,978,290	\$ 330,582	\$ 8,198,01
	8350.422	Flowline Labor	\$	- :	\$ -	\$ 19,300	\$ 19,30
F	8350.421	Commissioning	\$	- ;	\$ -	\$ 2,300	\$ 2,30
	8350.420	Electrical Labor	\$	- 8	\$ -	\$ 48,800	\$ 48,80
	8350.419	Automation Labor	\$	- 5	\$ -	\$ 13,233	\$ 13,23
F	8350.418	Mechanical Labor	\$	- 5	\$ -	\$ 90,700	\$ 90,70
F	8350,417	Overhead Power Labor	\$	- :	\$ -	\$ 18,383	\$ 18,38
-	8350.416	Supervision	\$	- :	\$ -	\$ 15,450	\$ 15,45
-	8350,415	Engineering / Technical	\$	-	\$ -	\$ 26,650	\$ 26,65
F	8350.411	Safety & Environmental	\$	- :	\$ -	\$ 8,283	\$ 8,28
-	8350.410	Transportation/Trucking	\$	-	\$ -	\$ 22,050	\$ 22,05
F	8350.404	Equipment Rental	\$	-	\$ -	\$ 19,483	\$ 19,48
<u> </u>	8350.403	Roads/Location	\$	-	\$ -	\$ 45,950	\$ 45,95
Intangible Facility		<u> </u>	\$	-	\$ -	\$ 330,582	\$ 330,58
	8360.850	Safety / Environmental	\$	-	\$ 4,400	\$ -	\$ 4,40
 	8360,845	Wellsite Supervision	\$	- 5	\$ 50,400	\$ -	\$ 50,40
-	8360.825	Rental Equipment	\$	-	\$ 190,000	\$ -	\$ 190,00
	8360.820	Well Testing / Flowback	\$	-	\$ 60,746	\$ -	\$ 60,74
	8360.815	Trucking/Vacuum/Transp	\$	+	\$ 14,334	\$ -	\$ 14,33
	8360.810	Frac Water Recovery	\$	-	\$ 497,122	\$ -	\$ 497,12
	8360.805	Trucked Water Disposal	\$	-	\$ 21,464	\$ -	\$ 21,46
Intangible Flowback			\$	-	\$ 838,466	\$ -	\$ 838,46
<u> </u>	8320.628	Chemicals	\$	-	\$ 5,000	\$ -	\$ 5,00
-	8320,625	Wellsite Supervision	\$	-	\$ 5,000	\$ -	\$ 5,00
-	8320.621	Rental Equipment	\$	-	\$ 15,000		\$ 15,00
-	8320.617	Contract Labor/Roustabout	\$	-	\$ 30,887	\$ -	\$ 30,88
-	8320,612	Kill Truck	\$	-	\$ 5,000	\$ -	\$ 5,00
-	8320,611	Trucking/Vacuum/Transportation	\$	-	\$ 10,000	\$ -	\$ 10,00
	8320.610	Inspection & Testing	\$	+	\$ 4,000	\$ -	\$ 4,00
F	8320.605	Workover Rig Fuel / Power	\$	4	\$ 5,263	\$ -	\$ 5,26
ntangible Artificial I	8320.602	Madaga Pia	\$	+	\$ 110,150 \$ 30,000	\$ - \$	\$ 110,19 \$ 30,00
	8300,279	Completions Overhead	\$	-	\$ 2,463	\$ -	\$ 2,4
-	8300.278	Roustabouts	\$	-	\$ 1,579	\$ -	\$ 1,57
-	8300.277	Consulting Services	\$	-	\$ 118,933	\$ -	\$ 118,93
-	8300.276	Safety & Environmental	\$	-	\$ 3,473	\$ -	\$ 3,4
-	8300.275	Frac - Sand	\$	+	\$ 686,798	\$ -	\$ 686,79
-	8300.274	Water Transfer	\$	-	\$ 96,749	\$ -	\$ 96,74
-	8300.273	Flowback	\$	-	\$ 26,997	\$ -	\$ 26,99
-	8300.271	Coil Tubing	\$	-	\$ 107,638	\$ -	\$ 107,63
	8300.270	Frac - Equipment	\$	-	\$ 1,080,910	\$ -	\$ 1,080,91
-	8300,250	Downhole Rental Equip	\$	+	\$ 46,338	\$ -	\$ 46,33
_	8300.248	Mancamp	\$	-	\$ 28,165		\$ 28,16
L	8300.240	Pump Down Services	\$	-	\$ 77,359	\$ -	\$ 77,35
L	8300,232	Disposal	\$	-	\$ 19,004	\$ -	\$ 19,00
L	8300.229	Transportation	\$	+	\$ 5,263	\$ -	\$ 5,26
L	8300,220	Engineering & Supervision	\$	- 8	\$ 12,630	\$ -	\$ 12,63
	8300.214	Perforating & Plugs	\$	- (\$ 259,941	\$ -	\$ 259,94
Γ	8300.212	Contract Labor	\$	- 3	\$ 10,678	\$ -	\$ 10,67
Γ	8300.210	Surface Rental Equip	\$	- 3	\$ 265,983	\$ -	\$ 265,98
	8300.209	Chemicals	\$	- 3	\$ 251,427	\$ -	\$ 251,42
	8300,207	Fresh Water	\$	- 8	\$ 440,017	\$ -	\$ 440,01
	8300.205	Location & Roads	\$	- 3	\$ 5,288	\$ -	\$ 5,28
	8300.203	Fuel	\$	- 8	\$ 482,045	\$ -	\$ 482,04
Intangible Completion	on	,	\$	- 5	\$ 4,029,674	\$ -	\$ 4,029,67
	8200.170	Mud-Diesel	\$ 112,239	9 5	\$ -	\$ -	\$ 112,23
T T	8200,169	Mud-Brine	\$ 25,20	1 5	\$ -	\$ -	\$ 25,20
	8200.168	Roustabout Services	\$ 2,245	5 5	\$ -	\$ -	\$ 2,24
	8200,167	Consulting Services	\$ 115,606	-	\$ -	\$ -	\$ 115,60
<u> </u>							
	8200.165	Safety/Environmental	\$ 1,755	5 6	\$ -	\$ -	\$ 1,7



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:		



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 GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

TOTAL

DRILLING: \$3,795,095

COMPLETIONS: \$5,542,848

FACILITIES: \$1,034,565

COMPLETED WELL COST: \$10,372,508

OPERATOR APPROVAL:



Total Fluid (gal/ft): 3000

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

	TA	NGIBLE COSTS	Drilling	Completion	Facility	Total
Tangible Dril	lling		\$ 905,956	\$ -	\$ -	\$ 905,
	8400,301	Surface Casing	\$ 139,096	\$ -	\$ -	\$ 139,
	8400,302	Intrm 1&2 Casing	\$ 331,693	\$ -	\$ -	\$ 331,
	8400.303	Production Casing	\$ 378,332	\$ -	\$ -	\$ 378,
	8400,340	Wellhead	\$ 56,835	\$ -	\$ -	\$ 56,
Tangible Cor	Tangible Completion		\$ -	\$ 21,050	\$ -	\$ 21,
	8400.352	Wellhead & Equipment	\$ -	\$ 21,050	\$ -	\$ 21,
Tangible Art	ificial Lift	•	\$ -	\$ 543,508	\$ -	\$ 543,
	8325.702	Tubing	\$ -	\$ 90,000	\$ -	\$ 90,
1	8325,704	Downhole Artificial Lift Eqpt	\$ -	\$ 350,000	\$ -	\$ 350,
1	8325.705	ESP Equipment/Install	\$ -	\$ 40,000	\$ -	\$ 40,
ı	8325.711	Wellhead Equipment	\$ -	\$ 63,508	\$ -	\$ 63,
Tangible Fac	cility		\$ -	\$ -	\$ 703,983	\$ 703,
	8355,500	Vessels	\$ -	\$ -	\$ 215,817	\$ 215,
1	8355.510	Tanks	\$ -	\$ -	\$ 92,483	\$ 92,
1	8355.515	Flare	\$ -	\$ -	\$ 18,383	\$ 18,
1	8355.520	PVF	\$ -	\$ -	\$ 107,983	\$ 107,
1	8355.525	Containment	\$ -	\$ -	\$ 18,383	\$ 18,
1	8355,530	Compressors	\$ -	\$ -	\$ 5,517	\$ 5,
1	8355,535	Instrumentation / Meters	\$ -	\$ -	\$ 34,433	\$ 34,
1	8355.540	Electrical Supplies	\$ -	\$ -	\$ 66,750	\$ 66,
	8355.550	Overhead Power Material	\$ -	\$ -	\$ 76,050	\$ 76,
ı	8355.555	Pump / Supplies	\$ -	\$ -	\$ 38,967	\$ 38,
ı	8355,565	Flowline	\$ -	\$ -	\$ 29,217	\$ 29,
	TOTAL 1	ANGIBLE COSTS >>>	\$ 905,956	\$ 564,558	\$ 703,983	\$ 2,174,

INTANGIBLE COSTS		Drilling	Completion	Facility	Total		
Intangible Drilling			\$ 2,889,139	\$ -	\$ -	\$	2,889,139
	8200.102	Drilling - Daywork	\$ 603,142	\$ -	\$ -	\$	603,142
Ī	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$	128,405
Ī	8200.104	Fuel - Rig	\$ 107,358	\$ -	\$ -	\$	107,358
Ī	8200.106	Transportation	\$ 76,658	\$ -	\$ -	\$	76,65
Ī	8200.111	Survey, Stake/Permit	\$ 5,263	\$ -	\$ -	\$	5,26
Ī	8200.112	Location & Roads, Conductor	\$ 141,956	\$ -	\$ -	\$	141,95
Ī	8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$	7,89
Ī	8200.114	Disposal	\$ 144,624	\$ -	\$ -	\$	144,62
Ī	8200.115	Mud-Drill Water	\$ 12,577	\$ -	\$ -	\$	12,57
İ	8200.116	Drill Bits & BHA	\$ 130,602	\$ -	\$ -	\$	130,60
Ī	8200.117	Mud & Chemicals	\$ 121,432	\$ -	\$ -	\$	121,43
İ	8200.119	Mud-Auxiliary	\$ 26,529	\$ -	\$ -	\$	26,52
Ī	8200.124	Equipment Rental	\$ 165,475	\$ -	\$ -	\$	165,47
Ī	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$	77,35
İ	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$	63,25
Ī	8200.128	Drilling - Directional	\$ 241,048	\$ -	\$ -	\$	241,04
Ī	8200.136	Mudlogging	\$ 9,609	\$ -	\$ -	\$	9,60
İ	8200.137	Casing Services	\$ 126,168	\$ -	\$ -	\$	126,16
ľ	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$	299,43
Ī	8200.143	Geological Services	\$ 13,923	\$ -	\$ -	\$	13,92
Ī	8200.144	Company Supervision	\$ 2,400	\$ -	\$ -	\$	2,40
İ	8200.147	Drilling Overhead	\$ 3,729	\$ -	\$ -	\$	3,72
ļ	8200,149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$	10,52
İ	8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$	7,89
Ī	8200.162	Mancamp	\$ 46,092	\$ -	\$ -	\$	46,09

	TOTAL P	ROJECT COSTS >>>	Drilling	Completion	Facility	Total
			\$ 3,795,095	\$ 5,542,848	\$ 1,034,565	\$ 10,372,508
		ANGIBLE COSTS >>>	\$ 2,889,139	\$ 4,978,290	\$ 330,582	\$ 8,198,011
}	8350.422	Flowline Labor	\$ -	\$ -	\$ 19,300	\$ 19,300
ŀ	8350.421	Commissioning	\$ -	\$ -	\$ 2,300	\$ 2,300
ŀ	8350.420	Electrical Labor	\$ -	\$ -	\$ 48,800	\$ 48,800
ŀ	8350.419	Automation Labor	\$ -	\$ -	\$ 13,233	\$ 13,233
-	8350.418	Mechanical Labor	\$ -	\$ -	\$ 90,700	\$ 90,700
ŀ	8350.417	Overhead Power Labor	\$ -	\$ -	\$ 18,383	\$ 18,383
ŀ	8350.416	Supervision	\$ -	\$ -	\$ 15,450	\$ 15,450
}	8350.415	Engineering / Technical	\$ -	\$ -	\$ 26,650	\$ 26,650
}	8350.411	Safety & Environmental	\$ -	\$ -	\$ 8,283	\$ 8,283
-	8350.404	Transportation/Trucking	\$ -	\$ -	\$ 19,483	\$ 22,050
ŀ	8350.404	Equipment Rental	\$ -	\$ -	\$ 19,483	\$ 19,483
	8350.403	Roads/Location	\$ -	\$ -	\$ 350,362 \$ 45,950	\$ 45,950
Intangible Facility	5500.000		\$ -	\$ -	\$ 330,582	\$ 330,582
}	8360.850	Safety / Environmental	\$ -	\$ 4,400		\$ 4,400
ŀ	8360.845	Wellsite Supervision	\$ -	\$ 50,400		\$ 50,400
}	8360.825	Rental Equipment	\$ -	\$ 190,000	\$ -	\$ 190,000
}	8360.820	Well Testing / Flowback	\$ -	\$ 60,746	\$ -	\$ 60,746
}	8360.815	Trucking/Vacuum/Transp	\$ -	\$ 497,122	\$ -	\$ 14,334
-	8360.810	Frac Water Recovery	\$ -	\$ 21,464 \$ 497,122	\$ -	\$ 497,122
mangible Flowbac	8360.805	Trucked Water Disposal	\$ -	\$ 21,464	\$ -	\$ 21,464
Intangible Flowbac		Onernicals	\$ -	\$ 5,000	\$ -	\$ 838,466
}	8320.628	Chemicals	\$ -	\$ 5,000	\$ -	\$ 5,000
ŀ	8320.621	Rental Equipment Wellsite Supervision	\$ -	\$ 15,000	\$ -	\$ 15,000
-	8320.617			\$ 30,887 \$ 15,000	\$ -	\$ 30,887 \$ 15,000
}	8320.612	Contract Labor/Roustabout	\$ -	\$ 5,000	\$ -	\$ 30,887
-	8320.611	Kill Truck	\$ -	\$ 5,000	\$ -	\$ 5,000
}	8320,611	Trucking/Vacuum/Transportation	\$ -	\$ 10,000	\$ -	\$ 10,000
}	8320.610	Inspection & Testing	\$ -	\$ 4,000	\$ -	\$ 4,000
ŀ	8320.602 8320.605	Workover Rig Fuel / Power	\$ -	\$ 30,000 \$ 5,263	\$ - \$ -	\$ 30,000 \$ 5,263
Intangible Artificial		Iw. d Br	\$ -	\$ 110,150	\$ -	\$ 110,150
Internalists A CC 11	8300,279	Completions Overhead	\$ -	\$ 2,463	\$ -	\$ 2,463
ļ	8300.278	Roustabouts	\$ -	\$ 1,579	\$ -	\$ 1,579
	8300.277	Consulting Services	\$ -	\$ 118,933	\$ -	\$ 118,933
	8300.276	Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,473
	8300.275	Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,798
	8300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,749
	8300.273	Flowback	\$ -	\$ 26,997	\$ -	\$ 26,997
	8300.271	Coil Tubing	\$ -	\$ 107,638	\$ -	\$ 107,638
	8300.270	Frac - Equipment	\$ -	\$ 1,080,910	\$ -	\$ 1,080,910
	8300,250	Downhole Rental Equip	\$ -	\$ 46,338	\$ -	\$ 46,338
	8300.248	Mancamp	\$ -	\$ 28,165	\$ -	\$ 28,165
	8300.240	Pump Down Services	\$ -	\$ 77,359	\$ -	\$ 77,359
	8300,232	Disposal	\$ -	\$ 19,004	-	\$ 19,004
	8300.229	Transportation	\$ -	\$ 5,263	\$ -	\$ 5,263
	8300,220	Engineering & Supervision	\$ -	\$ 12,630	\$ -	\$ 12,630
	8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,941
ļ	8300.212	Contract Labor	\$ -	\$ 10,678	\$ -	\$ 10,678
	8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,983
ļ	8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,427
	8300,207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,017
	8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,288
	8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,045
Intangible Complet	ion	7	\$ -	\$ 4,029,674	\$ -	\$ 4,029,674
	8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,239
ļ	8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,201
	8200.168	Roustabout Services	\$ 2,245	\$ -	\$ -	\$ 2,245
	8200.167	Consulting Services	\$ 115,606	\$ -	\$ -	\$ 115,606
ļ.	8200.165	Safety/Environmental	\$ 1,755	\$ -	\$ -	\$ 1,755



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

JOINT INTEREST APPROVAL:

Company:	Working Interest:	
Signature:	Date:	
		
Ву:	_	



AFE: 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 GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

TOTAL

DRILLING: \$3,795,095

COMPLETIONS: \$5,542,848

FACILITIES: \$1,034,565

COMPLETED WELL COST: \$10,372,508

OPERATOR APPROVAL:

AFE: NM1067 Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #303H Projected MD/TVD: 17823/8800

 Target:
 1BS
 Spud to TD:
 12.3

 County:
 Lea
 Lateral Length:
 8700

 State:
 NM
 Stages:
 56

 SHI:
 \$22,720S_P32E_360' ENIT_700' EFIT
 Total Proposal (only: 2500)

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

	TA	NGIBLE COSTS	Drilling	Completion	Facility	Total
Tangible Dri	illing		\$ 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 Co	Tangible Completion		\$ _	\$ 21,050	\$ -	\$ 21,050
	8400.352	Wellhead & Equipment	\$ -	\$ 21,050	\$ -	\$ 21,050
Tangible Art	tificial 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 Fac	cility		\$ -	\$ -	\$ 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 1	ANGIBLE COSTS >>>	\$ 905,956	\$ 564,558	\$ 703,983	\$ 2,174,497

	INTA	NGIBLE COSTS	Drilling	Completion	Facility	Total
Intangible Drilling			\$ 2,889,139	\$ -	\$ -	\$ 2,889,139
	8200.102	Drilling - Daywork	\$ 603,142	\$ -	\$ -	\$ 603,142
	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 128,405
	8200.104	Fuel - Rig	\$ 107,358	\$ -	\$ -	\$ 107,358
	8200.106	Transportation	\$ 76,658	\$ -	\$ -	\$ 76,658
	8200.111	Survey, Stake/Permit	\$ 5,263	\$ -	\$ -	\$ 5,263
	8200.112	Location & Roads, Conductor	\$ 141,956	\$ -	\$ -	\$ 141,956
	8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$ 7,894
	8200.114	Disposal	\$ 144,624	\$ -	\$ -	\$ 144,624
	8200.115	Mud-Drill Water	\$ 12,577	\$ -	\$ -	\$ 12,577
	8200.116	Drill Bits & BHA	\$ 130,602	\$ -	\$ -	\$ 130,602
	8200.117	Mud & Chemicals	\$ 121,432	\$ -	\$ -	\$ 121,432
	8200.119	Mud-Auxiliary	\$ 26,529	\$ -	\$ -	\$ 26,529
	8200.124	Equipment Rental	\$ 165,475	\$ -	\$ -	\$ 165,475
	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,359
	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$ 63,251
	8200.128	Drilling - Directional	\$ 241,048	\$ -	\$ -	\$ 241,048
	8200.136	Mudlogging	\$ 9,609	\$ -	\$ -	\$ 9,609
	8200,137	Casing Services	\$ 126,168	\$ -	\$ -	\$ 126,168
	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$ 299,436
	8200.143	Geological Services	\$ 13,923	\$ -	\$ -	\$ 13,923
	8200.144	Company Supervision	\$ 2,400	\$ -	\$ -	\$ 2,400
	8200.147	Drilling Overhead	\$ 3,729	\$ -	\$ -	\$ 3,729
	8200,149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,525
	8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$ 7,894
	8200.162	Mancamp	\$ 46,092	\$ -	\$ -	\$ 46,092



	IOTAL P	ROJECT COSTS >>>	Drilling	Completion	Facility	Total
	TAT	DO JECT CORTE >	\$ 3,795,095	\$ 5,542,848	\$ 1,034,565	\$ 10,372,50
	TOTAL INT	ANGIBLE COSTS >>>	\$ 2,889,139	\$ 4,978,290	\$ 330,582	\$ 8,198,01
Ì	8350,422	Flowline Labor	\$ -	\$ -	\$ 19,300	\$ 19,30
ļ	8350.421	Commissioning	\$ -	\$ -	\$ 2,300	\$ 2,30
ļ	8350.420	Electrical Labor	\$ -	\$ -	\$ 48,800	\$ 48,80
ŀ	8350.419	Automation Labor	\$ -	\$ -	\$ 13,233	\$ 13,23
ļ	8350.418	Mechanical Labor	s -	\$ -	\$ 90,700	\$ 90,70
ŀ	8350.417	Overhead Power Labor	\$ -	\$ -	\$ 18,383	\$ 18,38
ļ	8350.416	Supervision	s -	\$ -	\$ 15,450	\$ 15,45
<u> </u>	8350.415	Engineering / Technical	\$ -	\$ -	\$ 26,650	\$ 26,65
<u> </u>	8350.411	Safety & Environmental	\$ -	\$ -	\$ 8,283	\$ 8,28
<u> </u>	8350.410	Transportation/Trucking	\$ -	\$ -	\$ 22,050	\$ 22,05
ŀ	8350.404	Equipment Rental	\$ -	\$ -	\$ 19,483	\$ 19,48
	8350.403	Roads/Location	\$ -	\$ -	\$ 45,950	\$ 45,95
Intangible Facility			\$ -	\$ -	\$ 330,582	\$ 330,58
<u> </u>	8360.850	Safety / Environmental	\$ -	\$ 4,400	\$ -	\$ 4,40
<u></u>	8360,845	Wellsite Supervision	\$ -	\$ 50,400	\$ -	\$ 50,40
<u></u>	8360.825	Rental Equipment	\$ -	\$ 190,000	ļ	\$ 190,00
	8360.820	Well Testing / Flowback	\$ -	\$ 60,746	\$ -	\$ 60,74
<u> </u>	8360.815	Trucking/Vacuum/Transp	\$ -	\$ 14,334	\$ -	\$ 14,33
ŀ	8360.810	Frac Water Recovery	\$ -	\$ 497,122	\$ -	\$ 497,12
	8360.805	Trucked Water Disposal	\$ -	\$ 21,464	\$ -	\$ 21,46
Intangible Flowback			\$ -	\$ 838,466		\$ 838,46
<u> </u>	8320.628	Chemicals	s -	\$ 5,000	\$ -	\$ 5,00
<u></u>	8320.625	Wellsite Supervision	\$ -	\$ 5,000	\$ -	\$ 5,00
F	8320.621	Rental Equipment	s	\$ 15,000	ļ	\$ 15,00
}	8320.617	Contract Labor/Roustabout	\$ -	\$ 30,887	\$ -	\$ 30,88
}	8320.612	Kill Truck	\$	\$ 5,000		\$ 5,00
}	8320.611	Trucking/Vacuum/Transportation	\$	\$ 10,000	\$ -	\$ 10,00
}	8320.610	Inspection & Testing	\$	\$ 4,000	\$ -	\$ 4,00
	8320.602 8320.605	Workover Rig Fuel / Power	\$ -	\$ 30,000 \$ 5,263	\$ -	\$ 5,26
Intangible Artificial		Westering Die	\$ - \$ -	\$ 110,150 \$ 30,000	\$ - \$	\$ 110,15 \$ 30,00
	8300,279	Completions Overhead	\$ -	\$ 2,463	\$ -	\$ 2,46
	8300.278	Roustabouts	\$ -	\$ 1,579	\$ -	\$ 1,57
-	8300.277	Consulting Services	-	\$ 118,933	\$ -	\$ 118,93
	8300.276	Safety & Environmental	\$ -	\$ 3,473	-	\$ 3,47
	8300.275	Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,79
	8300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,74
	8300.273	Flowback	\$ -	\$ 26,997	\$ -	\$ 26,99
	8300.271	Coil Tubing	\$ -	\$ 107,638	\$ -	\$ 107,63
<u> </u>	8300.270	Frac - Equipment	\$ -	\$ 1,080,910	\$ -	\$ 1,080,91
ļ	8300,250	Downhole Rental Equip	\$ -	\$ 46,338	\$ -	\$ 46,33
	8300.248	Mancamp	\$ -	\$ 28,165		\$ 28,16
ļ	8300.240	Pump Down Services	\$ -	\$ 77,359	\$ -	\$ 77,35
	8300,232	Disposal	\$ -	\$ 19,004	\$ -	\$ 19,00
Ĺ	8300.229	Transportation	\$ -	\$ 5,263	\$ -	\$ 5,26
	8300,220	Engineering & Supervision	\$ -	\$ 12,630	\$ -	\$ 12,63
[8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,94
Ī	8300.212	Contract Labor	s -	\$ 10,678	\$ -	\$ 10,67
Ī	8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,98
	8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,42
Ī	8300,207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,01
Ī	8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,28
	8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,04
Intangible Completi	ion	,	\$ -	\$ 4,029,674	\$ -	\$ 4,029,67
	8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,23
T I	8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,20
The state of the s	8200.168	Roustabout Services	\$ 2,245	\$ -	\$ -	\$ 2,24
	8200,167	Consulting Services	\$ 115,606	\$ -	\$ -	\$ 115,60
F						
ŀ	8200.165	Safety/Environmental	\$ 1,755	\$ -	\$ -	\$ 1,



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:		



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 GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

TOTAL

DRILLING: \$3,807,565

COMPLETIONS: \$5,542,974

FACILITIES: \$1,034,565

COMPLETED WELL COST: \$10,385,104

OPERATOR APPROVAL:

Total Fluid (gal/ft): 3000

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

	TA	ANGIBLE COSTS		Drilling		Completion		Facility	Total
Tangible Drilli	ng		\$	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 Com	pletion		\$	-	\$	21,050	\$	-	\$ 21,050
	8400.352	Wellhead & Equipment	\$	-	\$	21,050	\$	-	\$ 21,050
Tangible Artifi	icial 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 Facili	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 >>>	s	910.166	s	564,558	s	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
ĺ	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 128,405
	8200.104	Fuel - Rig	\$ 108,098	\$ -	\$ -	\$ 108,098
	8200.106	Transportation	\$ 76,974	\$ -	\$ -	\$ 76,974
Ì	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
Ì	8200.119	Mud-Auxiliary	\$ 26,583	\$ -	\$ -	\$ 26,583
	8200.124	Equipment Rental	\$ 166,319	\$ -	\$ -	\$ 166,319
	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,359
Ì	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$ 63,251
	8200.128	Drilling - Directional	\$ 241,885	\$ -	\$ -	\$ 241,885
l	8200.136	Mudlogging	\$ 9,698	\$ -	\$ -	\$ 9,698
	8200,137	Casing Services	\$ 126,258	\$ -	\$ -	\$ 126,258
l	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$ 299,436
	8200.143	Geological Services	\$ 13,958	\$ -	\$ -	\$ 13,958
	8200.144	Company Supervision	\$ 2,400	\$ -	\$ -	\$ 2,400
Ì	8200.147	Drilling Overhead	\$ 3,751	\$ -	\$ -	\$ 3,751
	8200,149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,525
Ì	8200.152	Well Control Ins.	\$ 7,894	\$	\$ -	\$ 7,894
Ì	8200.162	Mancamp	\$ 46,231	\$ -	\$ -	\$ 46,231

	IOTAL P	ROJECT COSTS >>>	Drilling	Completion	Facility	Total
-	TOTAL	DO JECT COSTS >>>	\$ 3,807,565	\$ 5,542,974	\$ 1,034,565	\$ 10,385,10
	TOTAL INT	ANGIBLE COSTS >>>	\$ 2,897,400	\$ 4,978,416	\$ 330,582	\$ 8,206,39
	8350.422	Flowline Labor	\$ -	\$ -	\$ 19,300	\$ 19,30
Ī	8350.421	Commissioning	\$ -	\$ -	\$ 2,300	\$ 2,30
	8350.420	Electrical Labor	\$ -	\$ -	\$ 48,800	\$ 48,80
	8350.419	Automation Labor	\$ -	\$ -	\$ 13,233	\$ 13,23
	8350.418	Mechanical Labor	\$ -	\$ -	\$ 90,700	\$ 90,70
	8350.417	Overhead Power Labor	\$ -	\$ -	\$ 18,383	\$ 18,38
Ī	8350.416	Supervision	\$ -	\$ -	\$ 15,450	\$ 15,45
Ī	8350.415	Engineering / Technical	\$ -	\$ -	\$ 26,650	\$ 26,65
<u> </u>	8350.411	Safety & Environmental	\$ -	\$ -	\$ 8,283	\$ 8,28
ļ	8350.410	Transportation/Trucking	\$ -	\$ -	\$ 22,050	\$ 22,05
Ì	8350.404	Equipment Rental	\$ -	\$ -	\$ 19,483	\$ 19,48
	8350.403	Roads/Location	\$ -	\$ -	\$ 45,950	\$ 45,95
Intangible Facility		_	\$ -	\$	\$ 330,582	\$ 330,58
ļ	8360.850	Safety / Environmental	\$ -	\$ 4,400	\$ -	\$ 4,40
ļ	8360,845	Wellsite Supervision	\$ -	\$ 50,400	s <u>-</u>	\$ 50,40
Ì	8360.825	Rental Equipment	\$ -	\$ 190,000	\$ -	\$ 190,00
ļ	8360.820	Well Testing / Flowback	\$ -	\$ 60,746	s <u>-</u>	\$ 60,74
Ì	8360.815	Trucking/Vacuum/Transp	\$ -	\$ 14,334	\$ -	\$ 14,33
İ	8360.810	Frac Water Recovery	\$ -	\$ 497,122	\$ -	\$ 497,12
	8360.805	Trucked Water Disposal	\$ -	\$ 21,464	s <u>-</u>	\$ 21,46
Intangible Flowback	k		\$ -	\$ 838,466	s -	\$ 838,46
}	8320.628	Chemicals	\$ -	\$ 5,000		\$ 5,00
<u>}</u>	8320.625	Wellsite Supervision	\$ -	\$ 5,000		\$ 5,00
F	8320.621	Rental Equipment	s	\$ 15,000	l	\$ 15,00
}	8320.617	Contract Labor/Roustabout	\$ -	\$ 30,887	\$ -	\$ 30,8
}	8320.612	Kill Truck	\$	\$ 5,000		\$ 5,00
}	8320.611	Trucking/Vacuum/Transportation	\$	\$ 10,000	 	\$ 10,00
}	8320.610	Inspection & Testing	\$	\$ 4,000		\$ 4,00
-	8320.602 8320.605	Workover Rig Fuel / Power	\$ -	\$ 30,000 \$ 5,263		\$ 30,00
Intangible Artificial		Westering Die	\$	\$ 110,150		\$ 110,19
	8300,279	Completions Overhead	\$ -	\$ 2,463		\$ 2,46
-	8300.278	Roustabouts	\$ -	\$ 1,579		\$ 1,57
	8300.277	Consulting Services	\$ -	\$ 118,933		\$ 118,93
	8300.276	Safety & Environmental	\$ -	\$ 3,473		\$ 3,47
-	8300.275	Frac - Sand	\$ -	\$ 686,798		\$ 686,79
	8300.274	Water Transfer	\$ -	\$ 96,749		\$ 96,74
	8300.273	Flowback	\$ -	\$ 26,997	\$ -	\$ 26,99
<u> </u>	8300.271	Coil Tubing	\$ -	\$ 107,764		\$ 107,76
	8300.270	Frac - Equipment	\$ -	\$ 1,080,910		\$ 1,080,91
	8300,250	Downhole Rental Equip	\$ -	\$ 46,338		\$ 46,33
	8300.248	Mancamp	\$ -	\$ 28,165	 	\$ 28,16
ļ	8300.240	Pump Down Services	\$ -	\$ 77,359	1	\$ 77,35
	8300,232	Disposal	\$ -	\$ 19,004		\$ 19,00
Į	8300.229	Transportation	\$ -	\$ 5,263		\$ 5,26
	8300,220	Engineering & Supervision	\$ -	\$ 12,630	\$ -	\$ 12,63
[8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,94
	8300.212	Contract Labor	\$ -	\$ 10,678	\$ -	\$ 10,67
Ī	8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,98
	8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,42
Ī	8300,207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,01
Ī	8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,28
	8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,04
Intangible Completi	ion		\$ -	\$ 4,029,800	\$ -	\$ 4,029,80
Ī	8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,23
Ī	8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,20
The state of the s	8200.168	Roustabout Services	\$ 2,246	\$ -	\$ -	\$ 2,24
	8200,167	Consulting Services	\$ 116,199	\$	\$ -	\$ 116,19
F						
ļ	8200.165	Safety/Environmental	\$ 1,764	\$	\$ -	\$ 1,



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

JOINT INTEREST APPROVAL:

Company:	Working Interest:	
Signature:	Date:	
Ву:		



AFE: 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 GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

TOTAL

DRILLING: \$3,807,565

COMPLETIONS: \$5,542,974

FACILITIES: \$1,034,565

COMPLETED WELL COST: \$10,385,104

OPERATOR APPROVAL:

AFE: 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

 SNII: \$22,720S R22E 260 ENII 690 EEI
 Total Proposit (apt): 2500

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 Dril	lling		\$ \$ 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 Cor	mpletion		\$ -	\$ 21,050	\$ -	\$ 21,050
	8400.352	Wellhead & Equipment	\$ -	\$ 21,050	\$ -	\$ 21,050
Tangible Art	ificial 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 Fac	cility	•	\$ -	\$ -	\$ 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 1	FANGIBLE COSTS >>>	\$ 910,166	\$ 564,558	\$ 703,983	\$ 2,178,707

	INTA	ANGIBLE 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
ľ	8200.116	Drill Bits & BHA	\$ 130,723	\$ -	\$ -	\$ 130,723
	8200.117	Mud & Chemicals	\$ 121,699	\$ -	\$ -	\$ 121,699
İ	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
İ	8200.136	Mudlogging	\$ 9,698	\$ -	\$ -	\$ 9,698
	8200.137	Casing Services	\$ 126,258	\$ -	\$ -	\$ 126,258
İ	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$ 299,436
	8200.143	Geological Services	\$ 13,958	\$ -	\$ -	\$ 13,958
ľ	8200.144	Company Supervision	\$ 2,400	\$ -	\$ -	\$ 2,400
İ	8200.147	Drilling Overhead	\$ 3,751	\$ -	\$ -	\$ 3,751
	8200,149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,525
İ	8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$ 7,894
	8200,162	Mancamp	\$ 46,231	\$ -	\$ -	\$ 46,231

	IOTALP	ROJECT COSTS >>>	Drilling	Completion	Facility	Total
-	TOTAL	DO JECT CORTS >>>	\$ 3,807,565	\$ 5,542,974	\$ 1,034,565	\$ 10,385,10
	TOTAL INT	ANGIBLE COSTS >>>	\$ 2,897,400	\$ 4,978,416	\$ 330,582	\$ 8,206,39
	8350.422	Flowline Labor	\$ -	\$ -	\$ 19,300	\$ 19,30
Ī	8350.421	Commissioning	\$ -	\$ -	\$ 2,300	\$ 2,30
	8350.420	Electrical Labor	\$ -	\$ -	\$ 48,800	\$ 48,80
	8350.419	Automation Labor	\$ -	\$ -	\$ 13,233	\$ 13,23
	8350.418	Mechanical Labor	\$ -	\$ -	\$ 90,700	\$ 90,70
	8350.417	Overhead Power Labor	\$ -	\$ -	\$ 18,383	\$ 18,38
Ī	8350.416	Supervision	\$ -	\$ -	\$ 15,450	\$ 15,45
Ī	8350.415	Engineering / Technical	\$ -	\$ -	\$ 26,650	\$ 26,65
<u> </u>	8350.411	Safety & Environmental	\$ -	\$ -	\$ 8,283	\$ 8,28
ļ	8350.410	Transportation/Trucking	\$ -	\$ -	\$ 22,050	\$ 22,05
Ì	8350.404	Equipment Rental	\$ -	\$ -	\$ 19,483	\$ 19,48
	8350.403	Roads/Location	\$ -	\$ -	\$ 45,950	\$ 45,95
Intangible Facility		_	\$ -	\$ -	\$ 330,582	\$ 330,58
<u> </u>	8360.850	Safety / Environmental	\$ -	\$ 4,400	\$ -	\$ 4,40
	8360,845	Wellsite Supervision	\$ -	\$ 50,400	\$ -	\$ 50,40
<u> </u>	8360.825	Rental Equipment	\$ -	\$ 190,000	ļ	\$ 190,00
	8360.820	Well Testing / Flowback	\$ -	\$ 60,746	\$ -	\$ 60,74
Ì	8360.815	Trucking/Vacuum/Transp	\$ -	\$ 14,334	\$ -	\$ 14,33
İ	8360.810	Frac Water Recovery	\$ -	\$ 497,122	\$ -	\$ 497,12
	8360.805	Trucked Water Disposal	\$ -	\$ 21,464	\$ -	\$ 21,46
Intangible Flowback	k		\$ -	\$ 838,466	\$ -	\$ 838,46
}	8320.628	Chemicals	\$ -	\$ 5,000	-	\$ 5,00
<u>}</u>	8320.625	Wellsite Supervision	\$ -	\$ 5,000	\$ -	\$ 5,00
F	8320.621	Rental Equipment	\$ <u>-</u>	\$ 15,000	*	\$ 15,00
}	8320.617	Contract Labor/Roustabout	\$ -	\$ 30,887	\$ -	\$ 30,8
}	8320.612	Kill Truck	\$ -	\$ 5,000	-	\$ 5,00
}	8320.611	Trucking/Vacuum/Transportation	\$ -	\$ 10,000		\$ 10,00
}	8320.610	Inspection & Testing	\$ -	\$ 4,000	\$ -	\$ 4,00
-	8320.602 8320.605	Workover Rig Fuel / Power	\$ -	\$ 30,000 \$ 5,263	\$ -	\$ 30,00 \$ 5,26
Intangible Artificial		Westering Die	\$ -	\$ 110,150	\$ -	\$ 110,19
	8300,279	Completions Overhead	\$ -	\$ 2,463	\$ -	\$ 2,46
-	8300.278	Roustabouts	\$ -	\$ 1,579	\$ -	\$ 1,57
	8300.277	Consulting Services	\$ -	\$ 118,933	\$ -	\$ 118,93
	8300.276	Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,47
-	8300.275	Frac - Sand	\$ -	\$ 686,798	 	\$ 686,79
	8300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,74
	8300.273	Flowback	\$ -	\$ 26,997	\$ -	\$ 26,99
<u> </u>	8300.271	Coil Tubing	\$ -	\$ 107,764	\$ -	\$ 107,76
	8300.270	Frac - Equipment	\$ -	\$ 1,080,910	\$ -	\$ 1,080,91
	8300,250	Downhole Rental Equip	\$ -	\$ 46,338		\$ 46,33
	8300.248	Mancamp	\$ -	\$ 28,165	 	\$ 28,16
ļ	8300.240	Pump Down Services	\$ -	\$ 77,359	\$ -	\$ 77,35
	8300,232	Disposal	\$ -	\$ 19,004	\$ -	\$ 19,00
Į	8300.229	Transportation	\$ -	\$ 5,263	\$ -	\$ 5,26
L	8300,220	Engineering & Supervision	\$ -	\$ 12,630	\$ -	\$ 12,63
[8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,94
	8300.212	Contract Labor	\$ -	\$ 10,678	\$ -	\$ 10,67
Ī	8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,98
	8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,42
Ī	8300,207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,01
Ī	8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,28
	8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,04
Intangible Completi	ion		\$ -	\$ 4,029,800	\$ -	\$ 4,029,80
Ī	8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,23
Ī	8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,20
The state of the s	8200.168	Roustabout Services	\$ 2,246	\$ -	\$ -	\$ 2,24
	8200,167	Consulting Services	\$ 116,199	\$ -	\$ -	\$ 116,19
F						
ļ	8200.165	Safety/Environmental	\$ 1,764	\$ -	\$ -	\$ 1,



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:	

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 Total Fluid (gal/ft): 3000 BHL: S27-T20S-R32E 1420' FSL, 330' FEL

PROJECT DESCRIPTION:

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

TOTAL

DRILLING: \$3,845,155

COMPLETIONS: \$5,432,232

> **FACILITIES:** \$1,034,565

COMPLETED WELL COST: \$10,311,952

OPERATOR APPROVAL:

AFE: NM1070 Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #501H Projected MD/TVD: 18623/9600

 Target: 2BS
 Spud to TD: 12.5

 County: Lea
 Lateral Length: 8700

 State: NM
 Stages: 56

 SHI: \$22-T20S-R32E 360' FNI 580' FFI
 Total Proposal (not): 2500

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 Dril	lling		\$ \$ 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 Cor	mpletion	•	\$ -	\$ 21,050	\$ -	\$ 21,050
	8400.352	Wellhead & Equipment	\$ -	\$ 21,050	\$ -	\$ 21,050
Tangible Art	ificial 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 Fac	cility	-	\$ -	\$ -	\$ 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 1	ANGIBLE 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
Ī	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 128,405
ľ	8200.104	Fuel - Rig	\$ 110,320	\$ -	\$ -	\$ 110,320
Ī	8200.106	Transportation	\$ 77,921	\$ -	\$ -	\$ 77,921
ľ	8200.111	Survey, Stake/Permit	\$ 5,263	\$ -	\$ -	\$ 5,263
Ī	8200.112	Location & Roads, Conductor	\$ 141,956	\$ -	\$ -	\$ 141,956
Ī	8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$ 7,894
İ	8200.114	Disposal	\$ 145,660	\$ -	\$ -	\$ 145,660
İ	8200.115	Mud-Drill Water	\$ 12,891	\$ -	\$ -	\$ 12,891
İ	8200.116	Drill Bits & BHA	\$ 131,086	\$ -	\$ -	\$ 131,086
ľ	8200.117	Mud & Chemicals	\$ 122,501	\$ -	\$ -	\$ 122,501
İ	8200.119	Mud-Auxiliary	\$ 26,744	\$ -	\$ -	\$ 26,744
İ	8200.124	Equipment Rental	\$ 168,851	\$ -	\$ -	\$ 168,851
İ	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,359
İ	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$ 63,251
ľ	8200.128	Drilling - Directional	\$ 244,395	\$ -	\$ -	\$ 244,395
İ	8200.136	Mudlogging	\$ 9,967	\$ -	\$ -	\$ 9,967
İ	8200.137	Casing Services	\$ 126,563	\$ -	\$ -	\$ 126,563
İ	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$ 299,436
İ	8200.143	Geological Services	\$ 14,063	\$ -	\$ -	\$ 14,063
ľ	8200.144	Company Supervision	\$ 2,400	\$ -	\$ -	\$ 2,400
İ	8200.147	Drilling Overhead	\$ 3,816	\$ -	\$ -	\$ 3,816
ľ	8200,149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,525
ľ	8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$ 7,89
İ	8200.162	Mancamp	\$ 46,651	\$ -	\$ -	\$ 46,651



834 836 836 836 836 836 836 836 838 838 838	20.621 20.625 20.628 60.805 60.805 60.810 60.815 60.820 60.825 60.845 60.845 50.404 50.410 50.411 50.415 50.418 50.419 50.420 50.421 50.421	Contract Labor/Roustabout Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental Roads/Location Equipment Rental Transportation/Trucking Safety & Environmental Equipment Rental Transportation/Trucking Safety & Environmental Engineering / Technical Supervision Overhead Power Labor Mechanical Labor Automation Labor Electrical Labor Commissioning Flowline Labor NIGBLE COSTS >>>	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 30,887 \$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 5,400 \$ 4,400 \$	\$	\$ 30,887 \$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 5,400 \$ 330,582 \$ 45,950 \$ 19,483 \$ 22,050 \$ 19,483 \$ 22,050 \$ 18,383 \$ 26,650 \$ 18,383 \$ 90,700 \$ 13,233 \$ 19,000 \$ 13,233 \$ 19,000 \$ 19,
834 836 836 836 836 836 836 836 836 836 836	20.621 20.625 20.628 60.805 60.805 60.810 60.816 60.820 60.820 60.856 60.850 50.404 50.410 50.411 50.415 50.416 50.417 50.418 50.419 50.420	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental Roads/Location Equipment Rental Transportation/Trucking Safety & Environmental Engineering / Technical Supervision Overhead Power Labor Mechanical Labor Automation Labor Electrical Labor Commissioning Flowline Labor	S - S - S - S - S - S - S - S - S - S -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 5,400 \$ 4,400 \$ 5 \$ - \$ 5 \$ - \$ - \$ 5 \$ - \$ 6 \$ 7 \$ 7 \$ 7 \$ 7 \$ 8 \$ 7 \$ 8 \$ 7 \$ 8 \$ 8 \$ 8 \$ 8 \$ 8 \$ 8 \$ 8 \$ 8 \$ 8 \$ 8	\$	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 5,400 \$ 4,400 \$ 23,050 \$ 45,950 \$ 19,483 \$ 22,050 \$ 18,383 \$ 26,650 \$ 18,383 \$ 90,700 \$ 13,233 \$ 48,800 \$ 2,300 \$ 19,300
834 836 836 836 836 836 836 836 836 836 836	20.621 20.625 20.628 60.805 60.805 60.810 60.815 60.820 60.825 60.845 60.850 50.403 50.404 50.411 50.415 50.416 50.417 50.418 50.419 50.420 50.421	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental Transportation/Trucking Safety & Environmental Engineering / Technical Supervision Overhead Power Labor Mechanical Labor Automation Labor Electrical Labor Commissioning	S - S - S - S - S - S - S - S - S - S -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 5,400 \$ 4,400 \$ 5 \$ - \$ 5 \$ - \$ - \$ 5 \$ - \$ 6 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 8 \$ 7 \$ 8 \$ 7 \$ 8 \$ 7 \$ 8 \$ 8 \$ 8 \$ 9 \$ 9 \$ 9 \$ 9 \$ 9 \$ 9 \$ 9 \$ 9 \$ 9 \$ 9	\$	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400 \$ 24,055 \$ 45,950 \$ 19,483 \$ 22,650 \$ 15,450 \$ 18,383 \$ 90,700 \$ 13,233 \$ 48,800 \$ 2,300
834 834 834 834 834 834 834 834 834 834 835	20.621 20.625 20.628 60.805 60.805 60.810 60.816 60.820 60.825 60.845 60.850 50.404 50.411 50.415 50.416 50.417 50.418 50.419 50.419	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental Transportation/Trucking Safety & Environmental Engineering / Technical Supervision Overhead Power Labor Mechanical Labor Automation Labor Electrical Labor	S - S - S - S - S - S - S - S - S - S -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400 \$ 9 \$ - \$	\$	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 14,400 \$ 14,400 \$ 24,400 \$ 25,400 \$ 15,450 \$ 19,450 \$ 19,450 \$ 19,450 \$ 19,450 \$ 19,450 \$ 19,450 \$ 19,450 \$ 19,450 \$ 19,450 \$ 18,383 \$ 26,650 \$ 18,383 \$ 90,700 \$ 13,233 \$ 48,800
838 838	20.621 20.625 20.628 60.805 60.805 60.810 60.815 60.820 60.825 60.825 60.845 60.850 150.403 150.410 150.411 150.415 150.416 150.417	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental Transportation/Trucking Safety & Environmental Engineering / Technical Supervision Overhead Power Labor Mechanical Labor Automation Labor	S - S - S - S - S - S - S - S - S - S -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 5,400 \$ -	\$ - S - S - S - S - S - S - S - S - S - S -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400 \$ 330,582 \$ 45,950 \$ 19,483 \$ 22,050 \$ 8,283 \$ 26,650 \$ 18,383 \$ 90,700 \$ 13,233
834 834 836 836 836 838 838 838 838 838 838 838 838 838 838	20.621 20.625 20.628 60.805 60.805 60.810 60.816 60.820 60.825 60.825 60.845 60.850 50.403 50.404 50.410 50.411 50.415 50.416	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental Frac Safety / Environmental Transportation/Trucking Safety & Environmental Engineering / Technical Supervision Overhead Power Labor Mechanical Labor	S - S - S - S - S - S - S - S - S - S -	\$ 15,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 5 \$ \$ \$ \$ \$ \$ \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ \$ 4,400 \$ 330,582 \$ 45,950 \$ 19,483 \$ 22,050 \$ 8,283 \$ 26,650 \$ 18,383 \$ 90,700
834 836 836 836 836 838 838 838 838 838 838 838	20.621 20.625 20.628 60.805 60.810 60.815 60.820 60.825 60.845 60.845 60.845 50.404 50.404 50.411 50.415 50.417	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental Roads/Location Equipment Rental Transportation/Trucking Safety & Environmental Engineering / Technical Supervision Overhead Power Labor	S - S - S - S - S - S - S - S - S - S -	\$ 15,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$	\$ - \$	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 5,400 \$ 14,800 \$ 330,582 \$ 45,950 \$ 19,483 \$ 22,050 \$ 8,283 \$ 26,650 \$ 15,450 \$ 18,383
834 836 836 836 836 838 838 838 838 838	20.621 20.625 20.628 60.805 60.810 60.815 60.820 60.820 60.845 60.845 60.840 50.404 50.404 50.411 50.415	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental Roads/Location Equipment Rental Transportation/Trucking Safety & Environmental Engineering / Technical Supervision	S - S - S - S - S - S - S - S - S - S -	\$ 15,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 5,440 \$ 330,582 \$ 4,400 \$ 32,050 \$ 19,483 \$ 22,050 \$ 8,283 \$ 26,650 \$ 15,450
834 836 836 836 836 836 836 836 836 836	20.621 120.625 120.628 160.805 160.805 160.810 160.815 160.820 160.825 160.825 160.845 160.845 150.403 150.404 150.411 150.415	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental Roads/Location Equipment Rental Transportation/Trucking Safety & Environmental Engineering / Technical	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5 - \$	\$ 15,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 5,400 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 30,582 \$ 45,950 \$ 19,483 \$ 22,050 \$ 8,283 \$ 26,650
834 836 836 836 836 Intangible Facility	20.621 20.625 20.628 60.805 60.810 60.815 60.820 60.825 60.845 60.850 50.403 50.404 50.410	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental Roads/Location Equipment Rental Transportation/Trucking Safety & Environmental	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5 - \$	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400 \$ 5 \$ 5	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400 \$ 330,582 \$ 45,950 \$ 19,483 \$ 22,050 \$ 8,283
834 836 836 836 836 Intangible Facility 835 836	20.621 20.625 20.628 60.805 60.810 60.815 60.820 60.825 60.845 60.850 50.403 50.404	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental Roads/Location Equipment Rental Transportation/Trucking	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5 - \$	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400 \$ 5 \$ - \$ 5	\$ -	\$ 15,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400 \$ 330,582 \$ 45,950 \$ 19,483 \$ 22,050
834 836 836 836 836 Intangible Facility 838	20.621 20.625 20.628 60.805 60.810 60.815 60.820 60.825 60.845 60.850 60.845 60.850	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental Roads/Location Equipment Rental	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5 - \$	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400 \$ \$ \$	\$ -	\$ 15,000 \$ 5,000 \$ 727,344 \$ 21,464 \$ 386,000 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400 \$ 330,582 \$ 45,950 \$ 19,483
834 836 836 836 836 Intangible Facility	20.621 20.625 20.628 60.805 60.810 60.815 60.820 60.825 60.845 60.850	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400 \$ \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400 \$ 330,582 \$ 45,950
836 836 836 836 Intangible Facility	20.621	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision Safety / Environmental	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400 \$ 330,582
836 836 836 836	220.621 220.625 220.628 360.805 360.810 360.815 360.820 360.825 360.845	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5 - \$	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400 \$ 4,400
836 836 836	220.621 220.625 220.628 360.805 360.810 360.815 360.820 360.825 360.845	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment Wellsite Supervision	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000 \$ 50,400
836 836	220.621 220.625 220.628 260.805 660.810 660.815 660.820 660.825	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback Rental Equipment	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746 \$ 190,000
836 836	20.621 20.625 20.628 20.628 60.805 60.810 60.815 60.820	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp Well Testing / Flowback	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334 \$ 60,746	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 727,344 \$ 21,464 \$ 386,000 \$ 14,334 \$ 60,746
836	20.621 20.625 20.628 20.628 60.805 60.810 60.815	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery Trucking/Vacuum/Transp	\$ - \$ - \$ - \$ - \$ 5 - \$	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001 \$ 14,334	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,348 \$ 21,464 \$ 386,000 \$ 14,334
	120.621 120.625 120.628 160.805 160.810	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal Frac Water Recovery	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464 \$ 386,001	\$ - \$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 727,345 \$ 21,466 \$ 386,000
836	20.621 20.625 20.628 660.805	Rental Equipment Wellsite Supervision Chemicals Trucked Water Disposal	\$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464	\$ - \$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345 \$ 21,464
1 000	20.621 20.625 20.628	Rental Equipment Wellsite Supervision Chemicals	\$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345	\$ - \$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000 \$ 727,345
	20.621	Rental Equipment Wellsite Supervision	\$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000	\$ - \$ -	\$ 15,000 \$ 5,000 \$ 5,000
Intangible Flowback	20.621	Rental Equipment Wellsite Supervision	\$ -	\$ 15,000 \$ 5,000	\$ - \$ -	\$ 15,000 \$ 5,000
	20.621	Rental Equipment	\$ -	\$ 15,000	\$ -	\$ 15,000
			*			
			\$ -	\$ 30.887	s _	\$ 30.887
			ı *	5,000	· .	- 5,000
		Kill Truck	\$ -	\$ 5,000	\$ -	\$ 5,000
		Trucking/Vacuum/Transportation	\$ -	\$ 10,000		\$ 10,000
		Inspection & Testing	\$ -	\$ 4,000		\$ 4,000
		Fuel / Power	\$ -	\$ 5,263		\$ 5,263
	20.602	Workover Rig	\$ -	\$ 30,000	\$ -	\$ 30,000
Intangible Artificial Lift			\$ -	\$ 110,150	\$ -	\$ 110,150
-		Completions Overhead	\$ -	\$ 2,463		\$ 2,463
		Roustabouts	\$ -	\$ 1,579		\$ 1,579
		Consulting Services	\$ -	\$ 118,933		\$ 118,933
		Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,473
		Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,798
		Water Transfer	\$ -	\$ 96,749		\$ 96,749
		Flowback	\$ -	\$ 26,997		\$ 26,997
		Coil Tubing	\$ -	\$ 108,143		\$ 108,143
		Frac - Equipment	\$ -	\$ 1,080,910	\$ -	\$ 1,080,910
		Downhole Rental Equip	\$ -	\$ 46,338	\$ -	\$ 46,338
		Mancamp	\$ -	\$ 28,165		\$ 28,165
		Pump Down Services	\$ -	\$ 77,359		\$ 77,359
		Disposal	\$ -	\$ 19,004		\$ 19,004
		Engineering & Supervision Transportation	\$ -	\$ 12,630 \$ 5,263	\$ -	\$ 5,263
		Perforating & Plugs	\$ -		\$ - \$ -	\$ 259,941 \$ 12,630
		Contract Labor	\$ - \$	\$ 10,678 \$ 259,941		\$ 10,678 \$ 259,941
			<u> </u>			
		Chemicals Surface Rental Equip	\$ - \$	\$ 251,427 \$ 265,983	\$ - \$	\$ 251,427 \$ 265,983
		Fresh Water	-	\$ 440,017	\$ -	\$ 440,017
		Location & Roads	\$ -	\$ 5,288		\$ 5,288
		Fuel	\$ -	\$ 482,045	\$ -	\$ 482,045
Intangible Completion	22.222	- 1	\$ -	\$ 4,030,179		\$ 4,030,179
	:00.170	Mud-Diesei				
		Mud-Brine Mud-Diesel	\$ 25,201 \$ 112,239	\$ - \$	\$ -	\$ 112,239
		Roustabout Services		·	\$ - \$	\$ 2,252 \$ 25,201
		Consulting Services	\$ 117,977 \$ 2,252	\$ -	\$ -	\$ 117,977 \$ 2.252
		Safety/Environmental	<u> </u>	\$ -		\$ 1,79
		Solids Control & Closed Loop	\$ 60,011 \$ 1,791	\$ -		\$ 60,01



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:		

Received by OCD: 5/1/2025 4:52:25 PM



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 GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

TOTAL

DRILLING: \$3,845,155

COMPLETIONS: \$5,432,232

FACILITIES: \$1,034,565

COMPLETED WELL COST: \$10,311,952

OPERATOR APPROVAL:

AFE: NM1071 Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #502H Projected MD/TVD: 18623/9600

 Target:
 2BS
 Spud to TD:
 12.5

 County:
 Lea
 Lateral Length:
 8700

 State:
 NM
 Stages:
 56

 SHL:
 S22-T20S-R32E 360' FNL, 640' FEL
 Total Proppant (ppf):
 2500

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

	TA	ANGIBLE COSTS	Drilling		Completion	Facility	Total
Tangible Dril	lling		\$ 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 Cor	Tangible Completion		\$ -	\$	21,050	\$ -	\$ 21,050
	8400.352 Wellhead & Equipment		\$ -	\$	21,050	\$ -	\$ 21,050
Tangible Art	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 Fac	cility		\$ -	\$	-	\$ 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 1	FANGIBLE COSTS >>>	\$ 922,796	\$	564,558	\$ 703,983	\$ 2,191,337

•	INTA	ANGIBLE 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	\$ -	\$ -	\$	63,25
	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



	TOTAL P	ROJECT COSTS >>>	Drilling		Completion	Facility	Total
	TOTAL -	DO JECT CORTS >>>	\$ 3,84	5,155	\$ 5,432,232	\$ 1,034,565	\$ 10,311,95
	TOTAL INT	ANGIBLE COSTS >>>	\$ 2,92	2,360	\$ 4,867,674	\$ 330,582	\$ 8,120,61
	8350.422	Flowline Labor	\$	-	\$ -	\$ 19,300	\$ 19,30
	8350.421	Commissioning	\$	-	\$ -	\$ 2,300	\$ 2,30
	8350.420	Electrical Labor	\$	-	\$ -	\$ 48,800	\$ 48,80
	8350.419	Automation Labor	\$	-	\$ -	\$ 13,233	\$ 13,23
	8350.418	Mechanical Labor	\$	-	\$ -	\$ 90,700	\$ 90,70
	8350.417	Overhead Power Labor	\$	-	\$ -		\$ 18,38
	8350.416	Supervision	\$	-	\$ -	\$ 15,450	\$ 15,45
-	8350.415	Engineering / Technical	\$	-	\$ -	\$ 26,650	\$ 26,65
	8350.411	Safety & Environmental	\$	-	\$ -	\$ 8,283	\$ 8,28
	8350.410	Transportation/Trucking	\$	-	\$ -	\$ 22,050	\$ 22,05
	8350.404	Equipment Rental	\$	-	\$ -		\$ 19,48
	8350.403	Roads/Location	\$	-	\$ -	\$ 45,950	\$ 45,95
Intangible Facility		,	s	-	\$ -	\$ 330,582	\$ 330,58
-	8360.850	Safety / Environmental	s		\$ 4,400	\$ -	\$ 4,40
-	8360,845	Wellsite Supervision	s		\$ 50,400	\$ -	\$ 50,40
	8360.825	Rental Equipment	\$		\$ 190,000	\$ -	\$ 190,00
-	8360.820	Well Testing / Flowback	s		\$ 60,746	\$ -	\$ 60,74
	8360.815	Trucking/Vacuum/Transp	s		\$ 14,334	\$ -	\$ 14,33
H	8360.810	Frac Water Recovery	s		\$ 386,001	\$ -	\$ 386,00
	8360.805	Trucked Water Disposal	s	-	\$ 21,464	\$ -	\$ 21,46
Intangible Flowback	0020.020		\$		\$ 727,345	\$ -	\$ 727,34
-	8320.628	Chemicals	S		\$ 5,000	\$ -	\$ 5,00
	8320.621 8320.625	Rental Equipment Wellsite Supervision	\$		\$ 15,000 \$ 5,000	\$ - \$	\$ 15,00 \$ 5,00
-	8320.617	Contract Labor/Roustabout	\$	-	\$ 30,887	\$ -	\$ 30,88
-	8320.612	Kill Truck	\$	-	\$ 5,000	\$ -	\$ 5,00
	8320,611	Trucking/Vacuum/Transportation	\$	-	\$ 10,000	-	\$ 10,00
<u> </u>	8320.610	Inspection & Testing	\$	-	\$ 4,000	\$ -	\$ 4,00
	8320.605	Fuel / Power	\$	-	\$ 5,263	\$ -	\$ 5,26
_	8320.602	Workover Rig	\$	-	\$ 30,000	\$ -	\$ 30,00
Intangible Artificial L			\$	-	\$ 110,150	\$ -	\$ 110,15
	8300.279	Completions Overhead	\$	-	\$ 2,463	\$ -	\$ 2,46
L	8300.278	Roustabouts	\$	-	\$ 1,579	\$ -	\$ 1,5
L	8300.277	Consulting Services	\$	-	\$ 118,933	\$ -	\$ 118,93
	8300.276	Safety & Environmental	\$		\$ 3,473	\$ -	\$ 3,4
	8300.275	Frac - Sand	\$	-	\$ 686,798	\$ -	\$ 686,79
	8300.274	Water Transfer	\$	-	\$ 96,749	\$ -	\$ 96,7
	8300.273	Flowback	\$	-	\$ 26,997	\$ -	\$ 26,99
	8300.271	Coil Tubing	\$	-	\$ 108,143	\$ -	\$ 108,14
	8300.270	Frac - Equipment	\$	-	\$ 1,080,910	\$ -	\$ 1,080,91
	8300,250	Downhole Rental Equip	\$	-	\$ 46,338	\$ -	\$ 46,33
Γ	8300.248	Mancamp	\$		\$ 28,165	\$ -	\$ 28,16
	8300.240	Pump Down Services	\$	-	\$ 77,359	\$ -	\$ 77,35
	8300,232	Disposal	\$	-	\$ 19,004	\$ -	\$ 19,00
	8300.229	Transportation	\$	-	\$ 5,263	\$ -	\$ 5,26
	8300,220	Engineering & Supervision	\$	-	\$ 12,630	\$ -	\$ 12,63
	8300.214	Perforating & Plugs	\$	-	\$ 259,941	\$ -	\$ 259,94
-	8300.212	Contract Labor	\$	-	\$ 10,678	\$ -	\$ 10,67
	8300.210	Surface Rental Equip	\$	_	\$ 265,983	\$ -	\$ 265,98
-	8300.209	Chemicals	\$	-	\$ 251,427	\$ -	\$ 251,42
-	8300,207	Fresh Water	\$	_	\$ 440,017	\$ -	\$ 440,01
	8300.205	Location & Roads	\$		\$ 5,288	\$ -	\$ 5,28
	8300.203	Fuel	\$		\$ 482,045	\$ -	\$ 482,04
Intangible Completio		11100 010001	\$		\$ 4,030,179	\$ -	\$ 4,030,17
-	8200.170	Mud-Diesel		2,239	\$ -	\$ -	\$ 112,23
-	8200.169	Mud-Brine		25,201	s -	\$ -	\$ 25,20
<u> </u>	8200.167 8200.168	Roustabout Services		2,252	\$ -	\$ -	\$ 2,25
		Consulting Services	\$ 11	7,977	\$ -	\$ -	\$ 117,97
E	8200.165	Safety/Environmental	\$	1,791	\$ -	\$ -	\$ 1,7



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:		



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 GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

TOTAL

DRILLING: \$3,845,155

COMPLETIONS: \$5,432,232

FACILITIES: \$1,034,565

COMPLETED WELL COST: \$10,311,952

OPERATOR APPROVAL:



AFE: NM1072 Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #503H Projected MD/TVD: 18623/9600

 Target: 2BS
 Spud to TD: 12.5

 County: Lea
 Lateral Length: 8700

 State: NM
 Stages: 56

 State: NM - 200 TOS R235 260 FML 700 FFL
 Tatal Proposition for 2500

 SHL: S22-T20S-R32E 360' FNL, 720' FEL
 Total Proppant (ppf): 2500

 BHL: S27-T20S-R32E 1420' FSL, 2310' FEL
 Total Fluid (gal/ft): 3000

	TA	ANGIBLE COSTS		Drilling	Completion	Facility		Total
Tangible Drilli	ing		\$	922,796	\$	- \$ -	\$	922,79
	8400.301	Surface Casing	\$	139,096	\$	- \$ -	\$	139,09
	8400,302	Intrm 1&2 Casing	\$	331,693	\$	- \$ -	\$	331,69
	8400.303	Production Casing	\$	395,172	\$	- \$ -	\$	395,17
	8400,340	Wellhead	\$	56,835	\$	- \$ -	\$	56,83
Tangible Com	Tangible Completion		\$	-	\$ 21,05	\$ -	\$	21,05
	8400.352	Wellhead & Equipment	\$	-	\$ 21,05	\$ -	\$	21,05
Tangible Artificial Lift		\$	-	\$ 543,50	3 \$ -	\$	543,50	
	8325.702	Tubing	\$	-	\$ 90,00	\$ -	\$	90,00
	8325,704	Downhole Artificial Lift Eqpt	\$	-	\$ 350,00	\$ -	\$	350,000
	8325.705	ESP Equipment/Install	\$	-	\$ 40,00	\$ -	\$	40,00
	8325,711	Wellhead Equipment	\$	-	\$ 63,50	3 \$ -	\$	63,508
Tangible Facil	lity		\$	-	\$	- \$ 703,983	\$	703,98
	8355,500	Vessels	\$	-	\$	- \$ 215,817	\$	215,817
	8355.510	Tanks	\$	-	\$	- \$ 92,483	\$	92,48
	8355.515	Flare	\$	-	\$	- \$ 18,383	\$	18,383
	8355.520	PVF	\$	-	\$	- \$ 107,983	\$	107,98
	8355.525	Containment	\$	-	\$	- \$ 18,383	\$	18,383
	8355,530	Compressors	\$	-	\$	- \$ 5,517	\$	5,51
	8355,535	Instrumentation / Meters	\$	-	\$	- \$ 34,433	\$	34,433
	8355.540	Electrical Supplies	\$	-	\$	- \$ 66,750	\$	66,75
	8355.550	Overhead Power Material	\$	-	\$	- \$ 76,050	\$	76,050
	8355.555	Pump / Supplies	\$	-	\$	- \$ 38,967	\$	38,96
	8355.565	Flowline	\$	-	\$	- \$ 29,217	\$	29,217
			s	922.796	\$ 564.55	3 \$ 703,983	s	2.191.33

	INT	ANGIBLE COSTS	Drilling	Completion	Facility	Total
Intangible Drilling			\$ 2,922,360	\$ -	\$ -	\$ 2,922,360
	8200.102	Drilling - Daywork	\$ 617,078	\$ -	\$ -	\$ 617,078
ĺ	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 128,405
	8200.104	Fuel - Rig	\$ 110,320	\$ -	\$ -	\$ 110,320
	8200.106	Transportation	\$ 77,921	\$ -	\$ -	\$ 77,921
Ì	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
l	8200.117	Mud & Chemicals	\$ 122,501	\$ -	\$ -	\$ 122,501
Ì	8200.119	Mud-Auxiliary	\$ 26,744	\$ -	\$ -	\$ 26,744
	8200.124	Equipment Rental	\$ 168,851	\$ -	\$ -	\$ 168,851
	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,359
Ì	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$ 63,251
	8200.128	Drilling - Directional	\$ 244,395	\$ -	\$ -	\$ 244,395
l	8200.136	Mudlogging	\$ 9,967	\$ -	\$ -	\$ 9,967
	8200.137	Casing Services	\$ 126,563	\$ -	\$ -	\$ 126,563
İ	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$ 299,436
	8200.143	Geological Services	\$ 14,063	\$ -	\$ -	\$ 14,063
	8200.144	Company Supervision	\$ 2,400	\$ -	\$ -	\$ 2,400
Ì	8200.147	Drilling Overhead	\$ 3,816	\$ -	\$ -	\$ 3,816
	8200,149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,525
Ì	8200.152	Well Control Ins.	\$ 7,894	\$	\$ -	\$ 7,894
Ì	8200.162	Mancamp	\$ 46,651	\$ -	\$ -	\$ 46,651

	IOIALP	ROJECT COSTS >>>	Drilling		Completion	Facility	Total
-	TOTALD	PO IFCT COSTS >>>	\$ 3,845,155	5 3	\$ 5,432,232	\$ 1,034,565	\$ 10,311,95
	TOTAL INT	ANGIBLE COSTS >>>	\$ 2,922,360	0 8	\$ 4,867,674	\$ 330,582	\$ 8,120,61
	8350.422	Flowline Labor	\$	-[\$ -	\$ 19,300	\$ 19,30
[8350.421	Commissioning	\$	- [\$ -	\$ 2,300	\$ 2,30
	8350.420	Electrical Labor	\$	-[\$ -	\$ 48,800	\$ 48,80
	8350.419	Automation Labor	\$	- [\$ -	\$ 13,233	\$ 13,23
[8350.418	Mechanical Labor	\$ -	- [\$ -	\$ 90,700	\$ 90,70
Ī	8350.417	Overhead Power Labor	\$ -	-[:	\$ -	\$ 18,383	\$ 18,3
ļ	8350.416	Supervision	\$	- :	\$ -	\$ 15,450	\$ 15,4
	8350.415	Engineering / Technical	\$ -	- 8	\$ -	\$ 26,650	\$ 26,6
	8350.411	Safety & Environmental	\$	- :	\$ -	\$ 8,283	\$ 8,2
ľ	8350.410	Transportation/Trucking	\$ -	- 8	\$ -	\$ 22,050	\$ 22,0
ľ	8350.404	Equipment Rental	\$ -	-]:	\$ -	\$ 19,483	\$ 19,4
	8350.403	Roads/Location	\$ -	-	\$ -	\$ 45,950	\$ 45,9
ntangible Facility			\$ -	- :	\$ -	\$ 330,582	\$ 330,
	8360.850	Safety / Environmental	\$	- :	\$ 4,400	\$ -	\$ 4,
ŀ	8360,845	Wellsite Supervision	\$	- 8	\$ 50,400	\$ -	\$ 50,4
ļ	8360.825	Rental Equipment	\$	- :	\$ 190,000	\$ -	\$ 190,0
}	8360.820	Well Testing / Flowback	\$ -	- :	\$ 60,746	\$ -	\$ 60,7
ŀ	8360.815	Trucking/Vacuum/Transp	\$	- :	\$ 14,334	\$ -	\$ 14,3
İ	8360.810	Frac Water Recovery	\$ -	- :	\$ 386,001	\$ -	\$ 386,0
	8360.805	Trucked Water Disposal	\$ -	-	\$ 21,464	\$ -	\$ 21,4
ntangible Flowbac			\$	+	\$ 727,345	\$ -	\$ 727,
	8320.628	Chemicals	\$	-	\$ 5,000	\$ -	\$ 5,
ŀ	8320.625	Wellsite Supervision	\$	-	\$ 5,000	\$ -	\$ 5,1
-	8320.621	Rental Equipment	\$	-	\$ 15,000	\$ -	\$ 15,
}	8320.617	Contract Labor/Roustabout	\$	-	\$ 30,887	\$ -	\$ 30,8
-	8320.611	Kill Truck	\$	-	\$ 5,000	\$ -	\$ 5,0
-	8320,610	Trucking/Vacuum/Transportation	\$	-	\$ 4,000	\$ -	\$ 10,0
}	8320.610	Inspection & Testing	\$	+	\$ 5,263	\$ -	\$ 4,0
ŀ	8320.602 8320.605	Workover Rig Fuel / Power	\$	-	\$ 30,000 \$ 5,263	\$ - \$	\$ 30,0 5,2
ntangible Artificial		Iw. t P.	\$	-	\$ 110,150	\$ -	\$ 110,
	8300.279	Completions Overhead	\$	4	\$ 2,463	\$ -	\$ 2,4
ļ	8300.278	Roustabouts	\$	-	\$ 1,579	\$ -	\$ 1,5
	8300.277	Consulting Services	\$	-	\$ 118,933	\$ -	\$ 118,9
	8300.276	Safety & Environmental	\$	-	\$ 3,473	\$ -	\$ 3,4
	8300.275	Frac - Sand	\$ -	+	\$ 686,798	\$ -	\$ 686,7
	8300.274	Water Transfer	\$ -	+	\$ 96,749	\$ -	\$ 96,
	8300.273	Flowback	\$ -	+	\$ 26,997	\$ -	\$ 26,9
]	8300.271	Coil Tubing	\$ -	-	\$ 108,143	\$ -	\$ 108,1
	8300.270	Frac - Equipment	\$	-	\$ 1,080,910	\$ -	\$ 1,080,9
	8300,250	Downhole Rental Equip	\$ -	-	\$ 46,338	\$ -	\$ 46,3
	8300.248	Mancamp	\$	- :	\$ 28,165	\$ -	\$ 28,1
[8300.240	Pump Down Services	\$	-	\$ 77,359	\$ -	\$ 77,3
<u> </u>	8300.232	Disposal	\$	- 3	\$ 19,004	\$ -	\$ 19,0
	8300.229	Transportation	\$ -	- 5	\$ 5,263	\$ -	\$ 5,2
	8300,220	Engineering & Supervision	\$ -	- 8	\$ 12,630	\$ -	\$ 12,€
Ī	8300.214	Perforating & Plugs	\$	- 3	\$ 259,941	\$ -	\$ 259,9
ľ	8300.212	Contract Labor	\$ -	- :	\$ 10,678	\$ -	\$ 10,6
ľ	8300.210	Surface Rental Equip	\$ -	- !	\$ 265,983	\$ -	\$ 265,9
ŀ	8300.209	Chemicals	\$	-	\$ 251,427	\$ -	\$ 251,4
-	8300,207	Fresh Water	\$	-	\$ 440,017	\$ -	\$ 440,0
ŀ	8300.205	Location & Roads	\$	4	\$ 5,288	\$ -	\$ 5,2
mangible complet	8300.203	Fuel	\$	+	\$ 482,045	\$ -	\$ 482,0
Intangible Completi			\$	-	\$ 4,030,179	\$ -	\$ 4,030,1
}	8200.170	Mud-Diesel	\$ 112,239	-	\$ -	\$ -	\$ 112,2
-	8200.169	Mud-Brine	\$ 25,201	-	\$ -	\$ -	\$ 25,2
	8200.168	Roustabout Services	\$ 2,252	-	\$ -	\$ -	\$ 2,2
-		Consulting Services	\$ 117,977	7 I a	\$ -	\$ -	\$ 117,9
-	8200.165 8200.167	Safety/Environmental	\$ 1,791	113	\$ -	\$ -	\$ 1,7



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:	
Pag		
Ву:		



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 GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

TOTAL

DRILLING: \$3,908,212

COMPLETIONS: \$5,691,556

FACILITIES: \$1,034,565

COMPLETED WELL COST: \$10,634,333

OPERATOR APPROVAL:

AFE: NM1073 Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #601H Projected MD/TVD: 19623/10600

 Target: 3BS
 Spud to TD: 12.9

 County: Lea
 Lateral Length: 8700

 State: NM
 Stages: 56

SHL: S22-T20S-R32E 510' FNL, 600' FEL Total Proppant (ppf): 2500
BHL: S27-T20S-R32E 1420' FSL, 330' FEL Total Fluid (gal/ft): 3000

	TA	NGIBLE COSTS	Drilling	Completion	Facility	Total
Tangible Dri	illing		\$ 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 Co	Tangible Completion		\$ _	\$ 21,050	\$ -	\$ 21,050
	8400.352 Wellhead & Equipment		\$ -	\$ 21,050	\$ -	\$ 21,050
Tangible Art	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 Fa	cility	-	\$ -	\$ -	\$ 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 1	ANGIBLE COSTS >>>	\$ 943,846	\$ 564,558	\$ 703,983	\$ 2,212,387

	INT	ANGIBLE COSTS	Drilling	Completion	Facility	Total
Intangible Drilling			\$ 2,964,366	\$ -	\$ -	\$ 2,964,366
	8200.102	Drilling - Daywork	\$ 634,497	\$ -	\$ -	\$ 634,497
	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 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
İ	8200.162	Mancamp	\$ 47,349	\$ -	\$ -	\$ 47,349

	TC	ROJECT COSTS >>>	\$	3,908,212	\$ 5,691,556	\$ 1,034,565	\$ 10,634,33
			 			1	
	TOTAL IN	TANGIBLE COSTS >>>	\$	2,964,366	\$ 5,126,998	\$ 330,582	\$ 8,421,94
	8350,422	Flowline Labor	\$	-	\$ -	\$ 19,300	\$ 19,30
F	8350.421	Commissioning	\$	-	\$ -	\$ 2,300	\$ 2,30
Γ	8350.420	Electrical Labor	\$	-	\$ -	\$ 48,800	\$ 48,80
	8350.419	Automation Labor	\$	-	\$ -	\$ 13,233	\$ 13,23
	8350.418	Mechanical Labor	\$	-	\$ -	\$ 90,700	\$ 90,70
Γ	8350.417	Overhead Power Labor	\$	-	\$ -	\$ 18,383	\$ 18,38
Γ	8350.416	Supervision	\$		\$ -	\$ 15,450	\$ 15,45
	8350.415	Engineering / Technical	\$	-	\$ -	\$ 26,650	\$ 26,65
	8350.411	Safety & Environmental	\$	-	\$ -	\$ 8,283	\$ 8,28
F	8350.410	Transportation/Trucking	\$	-	\$ -	\$ 22,050	\$ 22,05
	8350.404	Equipment Rental	\$		\$ -	\$ 19,483	\$ 19,48
	8350.403	Roads/Location	\$		\$ -	\$ 45,950	\$ 45,95
Intangible Facility			\$	-	\$ -	\$ 330,582	\$ 330,58
ŀ	8360.850	Safety / Environmental	\$	-	\$ 4,400	\$ -	\$ 4,40
-	8360.845	Wellsite Supervision	\$	-	\$ 50,400		\$ 50,40
 	8360.825	Rental Equipment	\$	_	\$ 190,000	 	\$ 190,00
F	8360.820	Well Testing / Flowback	\$	-	\$ 60,746	\$ -	\$ 60,74
ŀ	8360.815	Trucking/Vacuum/Transp	\$	-	\$ 14,334	\$ -	\$ 14,33
F	8360.810	Frac Water Recovery	\$	-	\$ 644,694	\$ -	\$ 644,69
	8360.805	Trucked Water Disposal	\$	-	\$ 21,464	\$ -	\$ 21,46
Intangible Flowback		1	\$	-	\$ 986,038	\$ -	\$ 986,03
}	8320.628	Chemicals	\$	-	\$ 5,000		\$ 5,00
 	8320.625	Wellsite Supervision	\$	-	\$ 5,000		\$ 5,00
-	8320.621	Rental Equipment	\$	-	\$ 15,000	J	\$ 15,00
-	8320,617	Contract Labor/Roustabout	\$		\$ 30,887	\$ -	\$ 30,8
-	8320.612	Kill Truck	\$	-	\$ 5,000		\$ 5,0
-	8320,611	Trucking/Vacuum/Transportation	\$		\$ 10,000	ļ	\$ 10,00
-	8320.610	Inspection & Testing	\$		\$ 4,000	 	\$ 4,00
F	8320.602 8320.605	Workover Rig Fuel / Power	\$	-	\$ 30,000 \$ 5,263	\$ -	\$ 30,00
Intangible Artificial I		Warlana Bia	\$ \$	-	\$ 110,150	 	\$ 110,15
	8300,279	Completions Overhead	\$	-	\$ 2,463		\$ 2,46
-	8300.278	Roustabouts	\$	-	\$ 1,579		\$ 1,57
_	8300.277	Consulting Services	\$	-	\$ 118,933	\$ -	\$ 118,93
-	8300.276	Safety & Environmental	\$	-	\$ 3,473		\$ 3,47
-	8300.275	Frac - Sand	\$	-	\$ 686,798		\$ 686,79
_	8300.274	Water Transfer	\$	-	\$ 96,749		\$ 96,7-
_	8300.273	Flowback	\$	-	\$ 26,997	\$ -	\$ 26,99
_	8300.271	Coil Tubing	\$	-	\$ 108,775		\$ 108,77
_	8300.270	Frac - Equipment	\$	-	\$ 1,080,910		\$ 1,080,91
	8300,250	Downhole Rental Equip	\$	-	\$ 46,338	 	\$ 46,33
L	8300.248	Mancamp	\$	-	\$ 28,165		\$ 28,16
	8300.240	Pump Down Services	\$	-	\$ 77,359		\$ 77,35
L	8300,232	Disposal	\$	-	\$ 19,004		\$ 19,00
	8300.229	Transportation	\$	-	\$ 5,263		\$ 5,26
	8300,220	Engineering & Supervision	\$	-	\$ 12,630	\$ -	\$ 12,63
	8300.214	Perforating & Plugs	\$	-	\$ 259,941	\$ -	\$ 259,94
	8300.212	Contract Labor	\$	-	\$ 10,678	\$ -	\$ 10,67
	8300.210	Surface Rental Equip	\$	-	\$ 265,983	\$ -	\$ 265,98
	8300.209	Chemicals	\$	-	\$ 251,427	\$ -	\$ 251,42
	8300,207	Fresh Water	\$	-	\$ 440,017	\$ -	\$ 440,01
	8300.205	Location & Roads	\$	-	\$ 5,288	\$ -	\$ 5,28
	8300.203	Fuel	\$	-	\$ 482,045	\$ -	\$ 482,04
Intangible Completion	on		\$		\$ 4,030,811	\$ -	\$ 4,030,81
	8200.170	Mud-Diesel	\$	112,239	\$ -	\$ -	\$ 112,23
	8200.169	Mud-Brine	\$	25,201	\$ -	s <u>-</u>	\$ 25,20
	8200.168	Roustabout Services	\$	2,261	\$ -	\$ -	\$ 2,26
	8200,167	Consulting Services	\$	120,940	\$ -	\$ -	\$ 120,94
L_							
	8200.165	Safety/Environmental	\$	1,836	\$ -	\$ -	\$ 1,8



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:		



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 GBCD casing will be set and cemented in place. There will be 8750' of treatable lateral and the completions design will consist of +/-56 stages at 2500 lbs/ft & 3000 gals/ft. AFE includes associated costs for initial gas lift installation.

TOTAL

DRILLING: \$3,908,212

COMPLETIONS: \$5,691,556

FACILITIES: \$1,034,565

COMPLETED WELL COST: \$10,634,333

OPERATOR APPROVAL:

AFE: NM1074 Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #602H Projected MD/TVD: 19623/10600

 Target: 3BS
 Spud to TD: 12.9

 County: Lea
 Lateral Length: 8700

 State: NM
 Stages: 56

 SHI: \$22-T20S-R32E 510' FNI 680' FFI
 Total Proposal (not): 2500

 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	Tota	ı
Tangible Drill	lling		\$	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 Con	npletion	•	\$	-	\$ 21,050	\$ -	\$	21,050
	8400.352	Wellhead & Equipment	\$	-	\$ 21,050	\$ -	\$	21,050
Tangible Arti	ificial 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 Fac	ility	•	\$	-	\$ -	\$ 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 Dril	lling		\$ \$ 2,964,366 \$	\$ -	\$ -	\$ 2,964,366
	8200.102	Drilling - Daywork	\$ 634,497	\$ -	\$ -	\$ 634,49
	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$ 128,40
	8200.104	Fuel - Rig	\$ 114,022	\$ -	\$ -	\$ 114,02
	8200.106	Transportation	\$ 79,500	\$ -	\$ -	\$ 79,50
	8200.111	Survey, Stake/Permit	\$ 5,263	\$ -	\$ -	\$ 5,26
	8200.112	Location & Roads, Conductor	\$ 141,956	\$ -	\$ -	\$ 141,95
	8200.113	Damages/Row	\$ 7,894	\$ -	\$ -	\$ 7,89
	8200.114	Disposal	\$ 146,918	\$ -	\$ -	\$ 146,91
	8200.115	Mud-Drill Water	\$ 13,282	\$ -	\$ -	\$ 13,28
	8200.116	Drill Bits & BHA	\$ 131,691	\$ -	\$ -	\$ 131,69
	8200.117	Mud & Chemicals	\$ 123,839	\$ -	\$ -	\$ 123,83
	8200.119	Mud-Auxiliary	\$ 27,013	\$ -	\$ -	\$ 27,01
	8200.124	Equipment Rental	\$ 173,071	\$ -	\$ -	\$ 173,07
	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$ 77,35
	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$ 63,25
	8200.128	Drilling - Directional	\$ 249,106	\$ -	\$ -	\$ 249,10
	8200.136	Mudlogging	\$ 10,415	\$ -	\$ -	\$ 10,41
	8200.137	Casing Services	\$ 127,047	\$ -	\$ -	\$ 127,04
	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$ 299,43
	8200.143	Geological Services	\$ 14,238	\$ -	\$ -	\$ 14,23
	8200.144	Company Supervision	\$ 2,400	\$ -	\$ -	\$ 2,40
	8200.147	Drilling Overhead	\$ 3,926	\$ -	\$ -	\$ 3,92
	8200,149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$ 10,52
	8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$ 7,89
	8200,162	Mancamp	\$ 47,349	\$ -	\$ -	\$ 47,34

	TOTAL PROJECT COSTS >>>			3,300,212	0,00.,000	1,000,000	10,004,00
TOTAL INTANGIBLE COSTS >>>			\$	3,908,212	\$ 5,691,556	\$ 1,034,565	\$ 10,634,33
	TOTAL IN	TANGIBLE COSTS >>>	\$	2,964,366	\$ 5,126,998	\$ 330,582	\$ 8,421,94
	8350,422	Flowline Labor	\$	-	\$	\$ 19,300	\$ 19,30
ŀ	8350.421	Commissioning	\$	-	\$	\$ 2,300	\$ 2,30
ſ	8350.420	Electrical Labor	\$	-	\$	\$ 48,800	\$ 48,80
	8350.419	Automation Labor	\$	-	\$	\$ 13,233	\$ 13,23
	8350.418	Mechanical Labor	\$	-	\$	\$ 90,700	\$ 90,70
	8350.417	Overhead Power Labor	\$	-	\$	\$ 18,383	\$ 18,38
Γ	8350.416	Supervision	\$		\$	\$ 15,450	\$ 15,45
Ī	8350.415	Engineering / Technical	\$	-	\$	\$ 26,650	\$ 26,65
	8350.411	Safety & Environmental	\$	-	\$	\$ 8,283	\$ 8,28
ľ	8350.410	Transportation/Trucking	\$	-	\$	\$ 22,050	\$ 22,05
ľ	8350.404	Equipment Rental	\$		\$	\$ 19,483	\$ 19,48
	8350.403	Roads/Location	\$		\$	\$ 45,950	\$ 45,95
Intangible Facility		_	\$	-	\$	\$ 330,582	\$ 330,58
<u> </u>	8360.850	Safety / Environmental	\$	-	\$ 4,400	\$ -	\$ 4,40
F	8360,845	Wellsite Supervision	\$	-	\$ 50,400	 	\$ 50,40
<u> </u>	8360.825	Rental Equipment	\$	_	\$ 190,000	<u> </u>	\$ 190,00
ŀ	8360.820	Well Testing / Flowback	\$	-	\$ 60,746	\$ -	\$ 60,74
ľ	8360.815	Trucking/Vacuum/Transp	\$	-	\$ 14,334	\$ -	\$ 14,33
r	8360.810	Frac Water Recovery	\$	-	\$ 644,694	\$ -	\$ 644,69
	8360.805	Trucked Water Disposal	\$	-	\$ 21,464	\$ -	\$ 21,46
Intangible Flowback		1	\$	-	\$ 986,038	\$ -	\$ 986,03
	8320.628	Chemicals	\$	-	\$ 5,000		\$ 5,00
 	8320.625	Wellsite Supervision	\$	-	\$ 5,000		\$ 5,00
-	8320.621	Rental Equipment	s	-	\$ 15,000	1	\$ 15,00
}	8320.617	Contract Labor/Roustabout	\$ \$	-	\$ 30,887		\$ 30,8
}	8320.612	Kill Truck	\$	-	\$ 5,000		\$ 5,00
-	8320,611	Trucking/Vacuum/Transportation	\$ \$		\$ 10,000	 	\$ 10,00
	8320.610	Inspection & Testing	s		\$ 4,000		\$ 4,00
	8320.605	Workover Rig Fuel / Power	\$		\$ 5,263		\$ 5,26
Intangible Artificial	8320.602	Washawa Bia	\$ \$	-	\$ 110,150 \$ 30,000		\$ 110,19 \$ 30,00
	8300,279	Completions Overhead	\$	-	\$ 2,463	-	\$ 2,46
	8300.278	Roustabouts	\$	-	\$ 1,579	<u> </u>	\$ 1,57
-	8300.277	Consulting Services	\$	-	\$ 118,933	 	\$ 118,93
-	8300.276	Safety & Environmental	\$	-	\$ 3,473	-	\$ 3,4
-	8300.275	Frac - Sand	\$	-	\$ 686,798	-	\$ 686,7
-	8300.274	Water Transfer	\$	-	\$ 96,749	-	\$ 96,74
-	8300.273	Flowback	\$	-	\$ 26,997		\$ 26,99
-	8300.271	Coil Tubing	\$	-	\$ 108,775		\$ 108,77
	8300.270	Frac - Equipment	\$	-	\$ 1,080,910	-	\$ 1,080,91
-	8300,250	Downhole Rental Equip	\$	-	\$ 46,338		\$ 46,33
L	8300.248	Mancamp	\$	-	\$ 28,165	+	\$ 28,16
Ļ	8300.240	Pump Down Services	\$	-	\$ 77,359		\$ 77,35
<u> </u>	8300,232	Disposal	\$	-	\$ 19,004		\$ 19,00
	8300.229	Transportation	\$	-	\$ 5,263	\$ -	\$ 5,26
	8300,220	Engineering & Supervision	\$	-	\$ 12,630	\$ -	\$ 12,63
	8300.214	Perforating & Plugs	\$	-	\$ 259,941	\$ -	\$ 259,94
F	8300.212	Contract Labor	\$	-	\$ 10,678	\$ -	\$ 10,67
	8300.210	Surface Rental Equip	\$	-	\$ 265,983	\$ -	\$ 265,98
	8300.209	Chemicals	\$	-	\$ 251,427	\$ -	\$ 251,42
	8300,207	Fresh Water	\$	-	\$ 440,017	\$ -	\$ 440,01
	8300.205	Location & Roads	\$	-	\$ 5,288	\$ -	\$ 5,28
	8300.203	Fuel	\$	-	\$ 482,045	\$ -	\$ 482,04
Intangible Completi	on		\$	-	\$ 4,030,811	\$ -	\$ 4,030,81
	8200.170	Mud-Diesel	\$	112,239	\$	- \$ -	\$ 112,23
F	8200.169	Mud-Brine	\$	25,201	\$	- \$ -	\$ 25,20
	8200.168	Roustabout Services	\$	2,261	\$	- \$ -	\$ 2,26
	8200.167	Consulting Services	\$	120,940	\$	- \$	\$ 120,94
-						. 1 9	
	8200.165	Safety/Environmental	\$	1,836	\$	- \$ -	\$ 1,8



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:		

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

Total Fluid (gal/ft): 3000 BHL: S27-T20S-R32E 1420' FSL, 2310' FEL

PROJECT DESCRIPTION:

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

TOTAL

DRILLING: \$3,908,212

COMPLETIONS: \$5,691,556

> **FACILITIES:** \$1,034,565

COMPLETED WELL COST: \$10,634,333

OPERATOR APPROVAL:

AFE: NM1075 Date: February 12, 2025

Well Name: Thai Curry 22 27 Fed Com #603H Projected MD/TVD: 19623/10600

 Target: 3BS
 Spud to TD: 12.9

 County: Lea
 Lateral Length: 8700

 State: NM
 Stages: 56

 SHL: S22-T20S-R32E 510' FNL, 720' FEL
 Total Proppant (ppf): 2500

 BHL: S27-T20S-R32E 1420' FSL, 2310' FEL
 Total Fluid (gal/ft): 3000

	TA	NGIBLE COSTS	Drilling	Completion	Facility	Total
Tangible Dril	lling		\$ \$ 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 Cor	mpletion	•	\$ _	\$ 21,050	\$ -	\$ 21,050
	8400.352	Wellhead & Equipment	\$ -	\$ 21,050	\$ -	\$ 21,050
Tangible Arti	ificial 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 Fac	cility		\$ -	\$ -	\$ 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 1	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
Ī	8200.103	Drilling - Rig Move	\$ 128,405	\$ -	\$ -	\$	128,405
Ī	8200.104	Fuel - Rig	\$ 114,022	\$ -	\$ -	\$	114,022
	8200.106	Transportation	\$ 79,500	\$ -	\$ -	\$	79,500
Ī	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
İ	8200.114	Disposal	\$ 146,918	\$ -	\$ -	\$	146,918
Ī	8200.115	Mud-Drill Water	\$ 13,282	\$ -	\$ -	\$	13,282
İ	8200.116	Drill Bits & BHA	\$ 131,691	\$ -	\$ -	\$	131,691
Ī	8200.117	Mud & Chemicals	\$ 123,839	\$ -	\$ -	\$	123,839
İ	8200.119	Mud-Auxiliary	\$ 27,013	\$ -	\$ -	\$	27,013
Ī	8200.124	Equipment Rental	\$ 173,071	\$ -	\$ -	\$	173,071
ľ	8200.125	Inspection	\$ 77,359	\$ -	\$ -	\$	77,359
İ	8200.127	Contract Labor	\$ 63,251	\$ -	\$ -	\$	63,251
Ī	8200.128	Drilling - Directional	\$ 249,106	\$ -	\$ -	\$	249,106
İ	8200.136	Mudlogging	\$ 10,415	\$ -	\$ -	\$	10,415
İ	8200,137	Casing Services	\$ 127,047	\$ -	\$ -	\$	127,047
ľ	8200.138	Cementing Services	\$ 299,436	\$ -	\$ -	\$	299,436
İ	8200.143	Geological Services	\$ 14,238	\$ -	\$ -	\$	14,238
Ī	8200.144	Company Supervision	\$ 2,400	\$ -	\$ -	\$	2,400
İ	8200.147	Drilling Overhead	\$ 3,926	\$ -	\$ -	\$	3,926
ľ	8200,149	Legal, Title, Etc	\$ 10,525	\$ -	\$ -	\$	10,525
ļ	8200.152	Well Control Ins.	\$ 7,894	\$ -	\$ -	\$	7,894
ľ	8200.162	Mancamp	\$ 47,349	\$ -	\$ -	\$	47,349

	TOTAL P	ROJECT COSTS >>>	Drilling	Completion	Facility	Total
			\$ 3,908,212		\$ 1,034,565	\$ 10,634,333
		ANGIBLE COSTS >>>	\$ 2,964,366		\$ 330,582	\$ 8,421,946
}	8350.422	Flowline Labor	\$ -	\$ -	\$ 19,300	\$ 19,300
ŀ	8350.421	Commissioning	\$ -	\$ -	\$ 2,300	\$ 2,300
ŀ	8350.420	Electrical Labor	\$ -	\$ -	\$ 48,800	\$ 48,800
ŀ	8350.419	Automation Labor	\$ -	\$ -	\$ 13,233	\$ 13,233
-	8350.418	Mechanical Labor	\$ -	\$ -	\$ 90,700	\$ 90,700
ŀ	8350.417	Overhead Power Labor	\$ -	\$ -	\$ 18,383	\$ 18,383
ŀ	8350.416	Supervision	\$ -	\$ -	\$ 15,450	\$ 15,450
	8350.415	Engineering / Technical	\$ -	\$ -	\$ 26,650	\$ 26,650
}	8350.411	Safety & Environmental	\$ -	\$ -	\$ 8,283	\$ 8,283
-	8350.404	Transportation/Trucking	\$ -	\$ -	\$ 19,483	\$ 22,050
ŀ	8350.404	Equipment Rental	\$ -	\$ -	\$ 19,483	\$ 19,483
	8350.403	Roads/Location	\$ -	\$ -	\$ 45,950	\$ 45,950
Intangible Facility	5500.000		\$ -	\$ -	\$ 330,582	\$ 330,582
}	8360.850	Safety / Environmental	\$ -	\$ 50,400		\$ 4,400
ŀ	8360.845	Wellsite Supervision	\$ -	\$ 50,400		\$ 50,400
}	8360.825	Rental Equipment	\$ -	\$ 190,000	\$ -	\$ 190,000
ŀ	8360.820	Well Testing / Flowback	\$ -	\$ 60,746	\$ -	\$ 60,746
ŀ	8360.815	Trucking/Vacuum/Transp	\$ -	\$ 14,334	\$ -	\$ 14,334
ŀ	8360.810	Frac Water Recovery	\$ -	\$ 644,694	\$ -	\$ 644,694
gg.c.riombac	8360.805	Trucked Water Disposal	s -	\$ 21,464	\$ -	\$ 21,464
Intangible Flowbac		Chambag	\$ -	\$ 986,038	\$ -	\$ 986,038
}	8320.628	Chemicals	\$ -	\$ 5,000	\$ -	\$ 5,000
}	8320.625	Wellsite Supervision	\$ -	\$ 5,000	\$ -	\$ 15,000
}	8320.621	Rental Equipment	\$ -	\$ 30,887	\$ -	\$ 30,667 \$ 15,000
	8320.617	Contract Labor/Roustabout	s -	\$ 30,887	\$ -	\$ 30,887
ŀ	8320.612	Kill Truck	\$ -	\$ 5,000	\$ -	\$ 5,000
	8320.611	Trucking/Vacuum/Transportation	\$ -	\$ 10,000	\$ -	\$ 10,000
ŀ	8320.610	Inspection & Testing	\$ -	\$ 4,000	\$ -	\$ 4,000
ŀ	8320.605	Fuel / Power	\$ -	\$ 5,263	\$ -	\$ 5,263
mangible Artificial	8320.602	Workover Rig	\$ -	\$ 30,000	\$ -	\$ 30,000
Intangible Artificial		Completions Overnead	\$ -	\$ 2,463 \$ 110,150	\$ -	\$ 2,463
}	8300.278	Completions Overhead	\$ -	\$ 2,463	\$ -	\$ 2,463
-	8300.278	Roustabouts	s -	\$ 1,579	\$ -	\$ 1,579
}	8300.276	Consulting Services	\$ -	\$ 118,933	\$ -	\$ 118,933
	8300.276	Safety & Environmental	\$ -	\$ 3,473	\$ -	\$ 3,473
-	8300.275	Frac - Sand	\$ -	\$ 686,798	\$ -	\$ 686,798
	8300.274	Water Transfer	\$ -	\$ 96,749	\$ -	\$ 96,749
}	8300.271	Flowback	\$ -	\$ 26,997	\$ -	\$ 26,997
-	8300.270	Coil Tubing	\$ -	\$ 108,775	\$ -	\$ 108,775
}	8300,250	Downhole Rental Equip Frac - Equipment	\$ -	\$ 1,080,910	\$ -	\$ 1,080,910
-	8300.248		- S	\$ 28,165 \$ 46,338	\$ -	\$ 28,165 \$ 46,338
-	8300.240 8300.248	Pump Down Services Mancamp	\$ -	\$ 77,359 \$ 28,165	\$ -	\$ 77,359 \$ 28,165
-		Disposal Pump Down Services	\$ -		\$ -	
	8300.229 8300.232	Transportation	- S	\$ 5,263 \$ 19,004	\$ - \$	\$ 5,263 \$ 19,004
	8300,220	Engineering & Supervision	\$ - \$ -	\$ 12,630	\$ -	\$ 12,630
	8300.214	Perforating & Plugs	\$ -	\$ 259,941	\$ -	\$ 259,941
	8300.212	Contract Labor	\$ -	\$ 10,678	\$ -	\$ 10,678
	8300.210	Surface Rental Equip	\$ -	\$ 265,983	\$ -	\$ 265,983
	8300.209	Chemicals	\$ -	\$ 251,427	\$ -	\$ 251,427
	8300,207	Fresh Water	\$ -	\$ 440,017	\$ -	\$ 440,017
ļ	8300.205	Location & Roads	\$ -	\$ 5,288	\$ -	\$ 5,288
	8300.203	Fuel	\$ -	\$ 482,045	\$ -	\$ 482,045
Intangible Complet		1 .	\$ -	\$ 4,030,811	\$ -	\$ 4,030,811
	8200.170	Mud-Diesel	\$ 112,239	\$ -	\$ -	\$ 112,239
	8200.169	Mud-Brine	\$ 25,201	\$ -	\$ -	\$ 25,201
	8200.168	Roustabout Services	\$ 2,261	\$ -	\$ -	\$ 2,261
	8200.167	Consulting Services	\$ 120,940	\$ -	\$ -	\$ 120,940
	8200.103	Safety/Environmental	\$ 1,836	\$ -	\$ -	\$ 1,836
	8200.165					\$ 1,83



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

JOINT INTEREST APPROVAL:

Company:	Working Interest:
Signature:	Date:
Ву:	

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	42075225614694055301093551198819 79	Well Proposals rec'd; Signed JOA, Owner Committed
WR NON-OP LLC	3.20.2025	42079701517594055301093551198818 63	Well Proposals rec'd; Signed JOA, Owner Committed
CIVITAS PERMIAN OPERATING, LLC	3.20.2025	42080202390694055301093551198819 24	Well Proposals rec'd
MRC PERMIAN RESOURCES OPERATING, LLC	3.20.2025		Well Proposals rec'd; 4.22.25 MRC emailed to ask development timing; 2.23.25 AO II sent JOA to landman
BIG THREE ENERGY COMPANY, LLC	3.20.2025		Well Proposals rec'd; Ongoing communication with owner, AO II in negotiations to buy or lease
PALOMA PERMIAN ASSET CO LLC	3.20.2025		Well Proposals rec'd; 4.21.25 Sent email to land manager asked if they are interested in trade or JOA
EARTHSTONE PERMIAN LLC	3.20.2025	42079701468894055301093551198819 55	Well Proposals rec'd; 4.3.25 requested WI and NRI
TRAINER PARTNERS LTD	3.20.2025		Well Proposals rec'd; ongoing communication with owner, AO II made offer to seller
SOUTHPAW LAND & TIMBER LLC	3.20.2025	42075209652494055301093551198819 48	Well Proposals rec'd; Signed JOA, Owner Committed
BEXP II OMEGA MISC LLC	3.20.2025	42078730491194055301093551198819 31	Well Proposals rec'd; Signed Well Elections; Signed JOA
BEXP II ALPHA LLC	3.20.2025	42078730491194055301093551198818 56	Well Proposals rec'd; Signed Well Elections; Signed JOA
DIAGA MINERAL GROUP, LLC	3.20.2025	42079701662994055301093551198819 62	Well Proposals rec'd; Signed JOA, Owner Committed
ANDREW H JACKSON	3.25.2025	42079705821894055301093551198819 00	Well Proposals rec'd; Signed Well Elections
SITL ENERGY, LLC	3.20.2025	42079705862294055301093551198818 70	Well Proposals rec'd; Signed JOA, Owner Committed



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 JOSH PAYNE

Josh Payne 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'

(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.
- 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]

4.22.2025

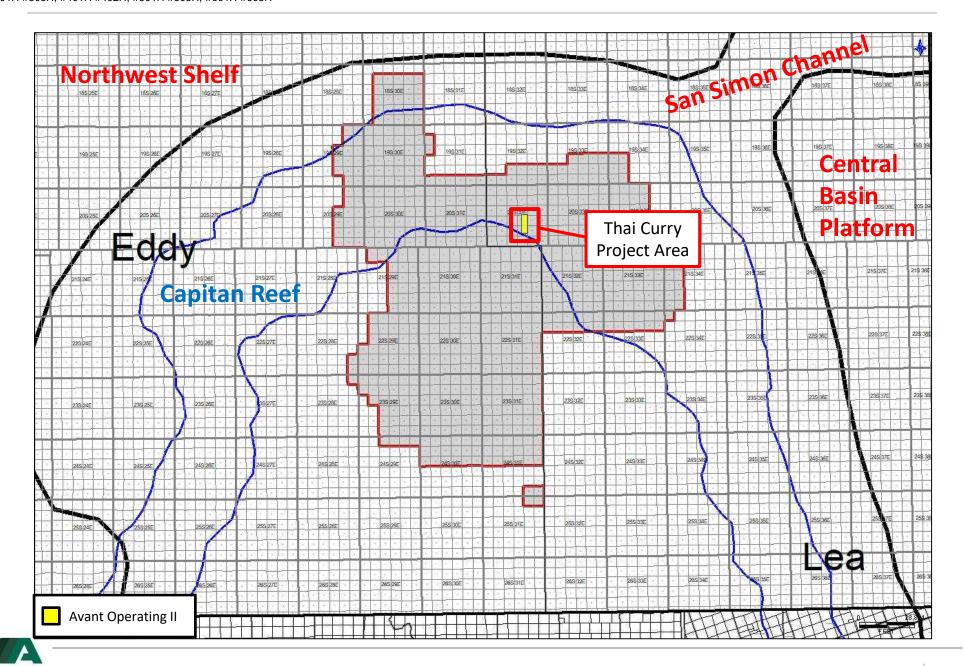
Date

Josh Payne

Avant Operating II, LLC Regional Locator Map **Case Nos. 25348** Exhibit B-1



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

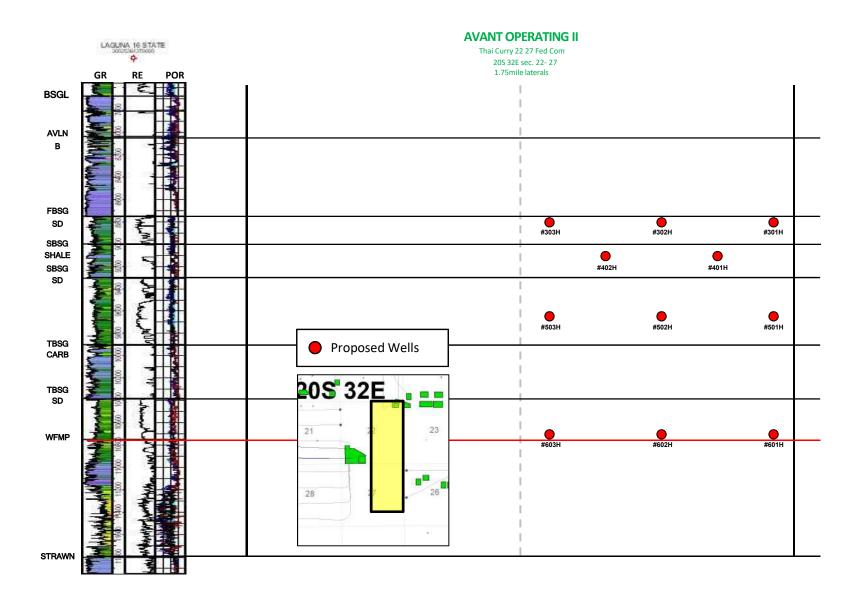


Received by OCD: 5/1/2025 4:52:25 PM Gun Barrel Development Plan TBSG - SBSG - FBSG

Thai Curry 22 27 Fed Com

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





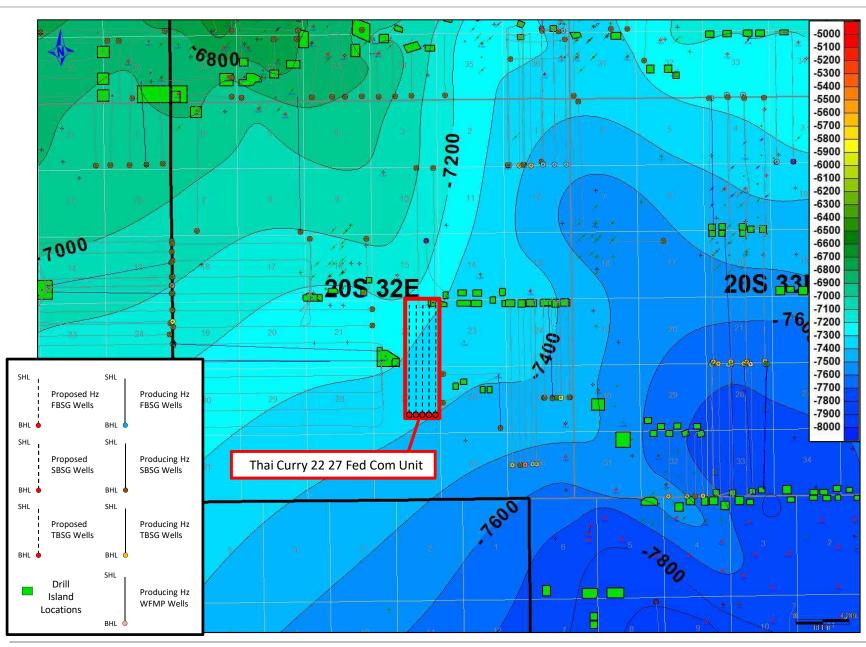


Avant Operating II, LLC Case Nos. 25348

Exhibit B-3



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

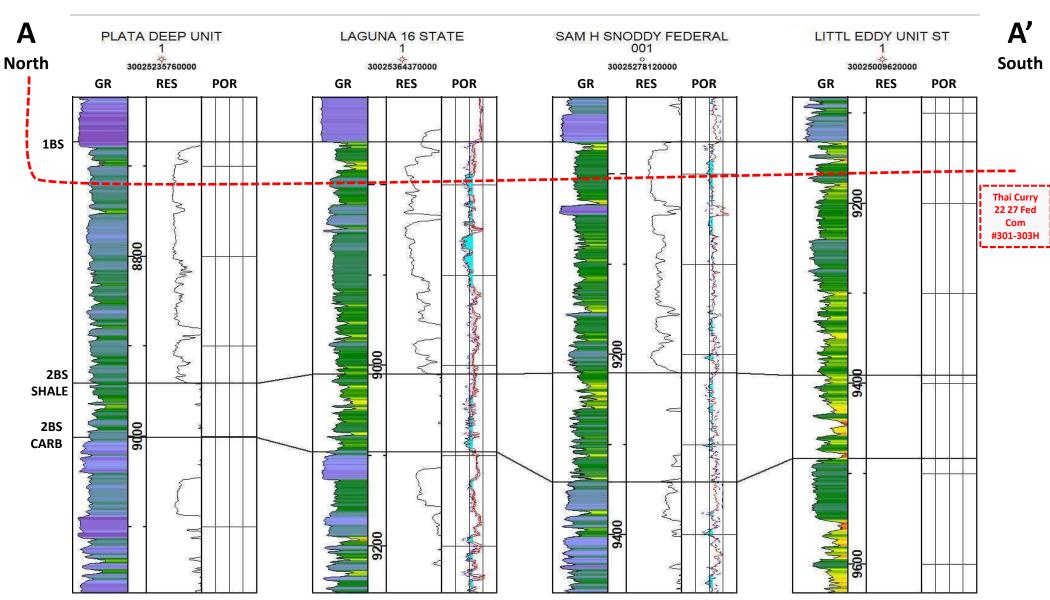






Stratigraphic Cross-Section A-A' Thai Curry 22 27 Fed Com #301-303H

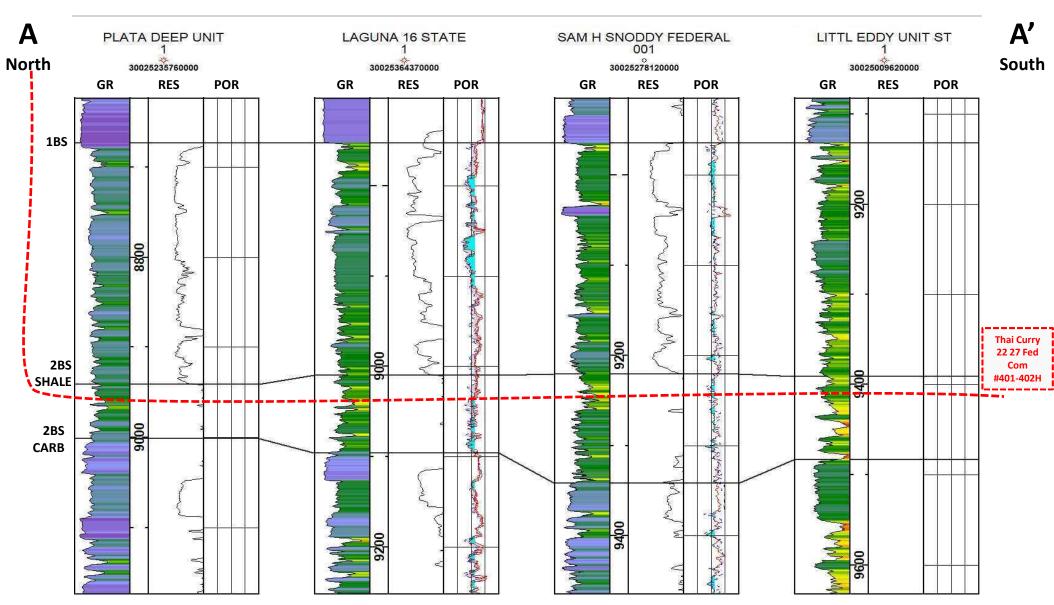






Stratigraphic Cross-Section A-A' Thai Curry 22 27 Fed Com #401-402H



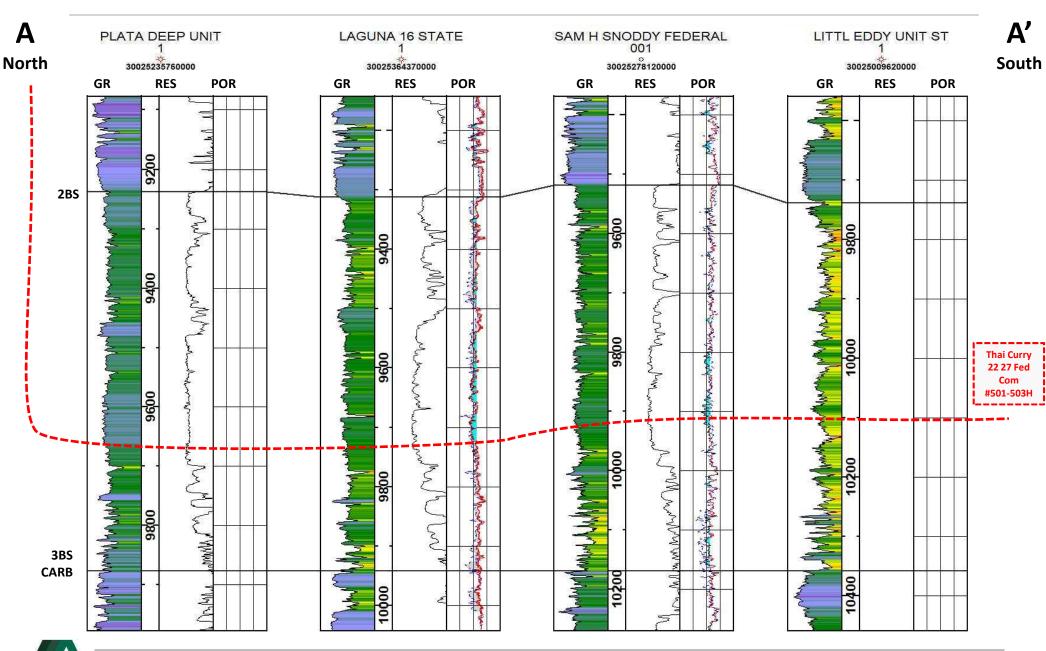




Stratigraphic Cross-Section A-A' Thai Curry 22 27 Fed Com #501-503H

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



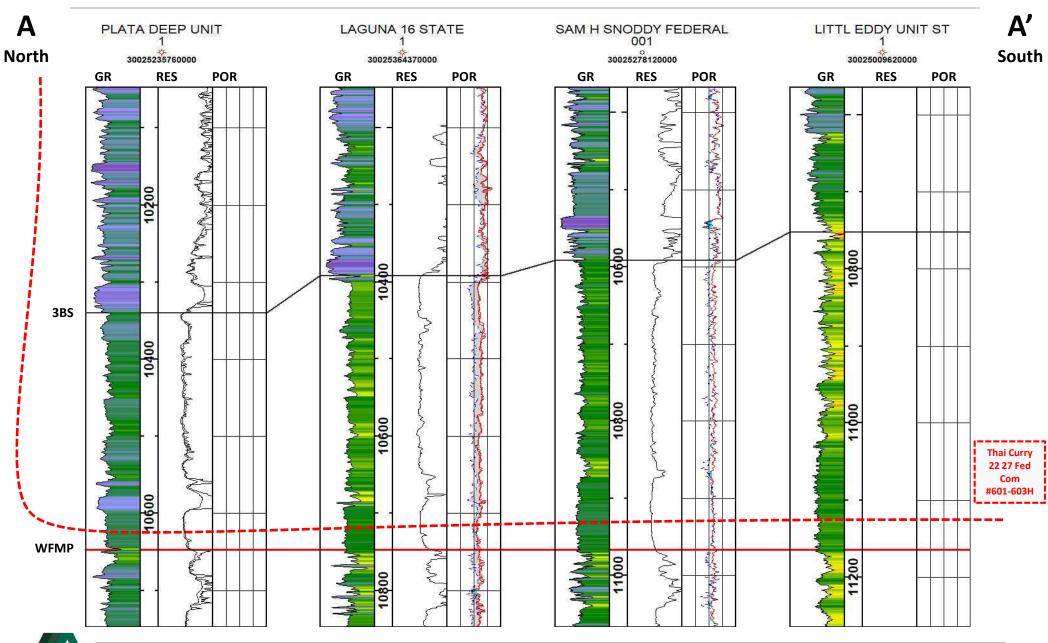


Log Scaling: GR(Gamma Ray): 0-150, RES(Resistivity): 0.2-20000 (log₁₀), POR(Porosity): 30 to -10%

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 ALEXEY ZAITSEV

Alexey Zaitsev hereby states and declares as follows:

- 1. I am over the age of 18, I am a reservoir engineer for Avant Operating II, LLC ("AO II") and have personal knowledge of the matters stated herein. My area of responsibility includes the area of Lea County in New Mexico.
- 2. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum engineer were accepted as a matter of record.
- 3. I am familiar with the applications filed by AO II in these cases and the surface production facilities required to develop the oil underlying the subject acreage.
 - 4. In this case, AO II seeks approval of a 560-acre non-standard Bone Spring unit.
- 5. AO II seeks to minimize surface disturbance and costs by consolidating facilities and commingling production from the wells and future wells in the proposed non-standard spacing unit.
- 6. To allow the wells to be dedicated to the acreage subject to the desired Communitzation Agreement, AO II requires approval of non-standard spacing unit.
- 7. If AO II has to develop the acreage using standard horizontal spacing unit, AO II will need a total of 2 units. Under AO II's requested non-standard unit application, AO II will only need one unit. Approval of the non-standard unit application will allow AO II to efficiently develop

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]

4/30/2025

Date

Alexey Zaitsev

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 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, attached hereto, labeled Exhibit D.1.

Exhibit D.2 is the mailing list, which show the notice letters were delivered to the 2)

USPS for mailing April 14, 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.

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: April 29, 2025

Avant Operating II, LLC Case No. 25348

Exhibit D



LAWYERS

April 14, 2025

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED Yarithza Pena Tel: 505.848.1833 varithza.pena@modrall.com

APPLICATION OF AVANT OPERATING II, LLC Re: FOR APPROVAL OF A NON-STANDARD UNIT

AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

CASE NO. 25347

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

CASE NO. 25348

TO: AFFECTED PARTIES

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

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

Modrall Sperling Roehl Harris & Sisk P.A.

500 Fourth Street NW Suite 1000 Albuquerque, New Mexico 87102

PO Box 2168 Albuquerque.

Tel: 505.848.1800 www.modrall.com

Avant Operating II, LLC New Mexico 87103-2168 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,

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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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:

Page 2 of 4

- 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.

the Division enter its order:

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,

- A. Approving the non-standard spacing unit;
- B. Pooling all uncommitted interests in Bone Spring formation underlying a horizontal spacing unit within the E/2 of Section 22 and the NE/4 and N/2SE/4 of Section 27, Township 20 South, Range 32 East, N.M.P.M., Lea County, New Mexico;
 - C. Designating AO II as operator of this unit and the wells to be drilled thereon;
- D. Authorizing AO II to recover its costs of drilling, equipping and completing the wells;
- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

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

By:/s/ Deana M. Bennett

Earl E. DeBrine, Jr.
Deana M. Bennett
Yarithza Peña
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Attorneys for Avant Operating II, LLC

Page 4 of 4

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
2	9314 8699 0430 0133 9610 67	Featherstone Development Corporation PO Box 429 Roswell NM 88202	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
3	9314 8699 0430 0133 9610 74	Prospector, LLC PO Box 429 Roswell NM 88202	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
4	9314 8699 0430 0133 9610 81	Big Three Energy Group, LLC 400 N. Pennsylvania Ave., Ste. 850 Roswell NM 88201	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
5	9314 8699 0430 0133 9610 98	MRC Permian Company 5400 LBJ Freeway, Ste. 1500 Dallas TX 75240	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
6	9314 8699 0430 0133 9611 04	Sitio Permian, LLC 1401 Lawrence Street, Ste. 1750 Denver CO 80202	\$2.04	34.8510 NI	\$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 GZOZ 4 8dV	\$2.62	\$0.00	10375.0015Thai Notice
8	9314 8699 0430 0133 9611 28	Sortida Resources, LLC PO Box 50820 Midland TX 79710	\$2.045	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
9	9314 8699 0430 0133 9611 35		\$2.04	WY '38485300	\$2.62	\$0.00	10375.0015Thai Notice
10	9314 8699 0430 0133 9611 42		\$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		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
14	9314 8699 0430 0133 9611 80		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
15	9314 8699 0430 0133 9611 97		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
		SERVICE STATE OF STAT				Avant Oper	ating IIIIC Page

Avant Operating II, LLC Page 1
Case No. 25332
Exhibit D.2

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
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	\$2.64 \$2.04	11	\$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	APR 1 L	202585	\$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	\$4.86 FICE USES \$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	· -	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
24	9314 8699 0430 0133 9612 89	The heir(s) or devisee(s) of David C. Stephenson appearing to be Richard T. Stephenson 4800 Redwood Littleton CO 80123	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
25	9314 8699 0430 0133 9612 96	Blue Star Royalty, LLC PO Box 470249 Fort Worth TX 76147	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
26	9314 8699 0430 0133 9613 02	TD Minerals, LLC 8111 Westchester, Suite 900 Dallas TX 75225	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
27	9314 8699 0430 0133 9613 19	David C. Lougee, Kipp Lougee Frederiksen and Fred Frederiksen, Trustees 6614 Northport Drive Dallas TX 75230	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
28	9314 8699 0430 0133 9613 26	Trobaugh Properties, A Texas GP 3300 N.A. Street, Bldg. 4-102 Midland TX 79705	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
29	9314 8699 0430 0133 9613 33	Ventura Oil & Gas, LLC 308 North Colorado Avenue, Suite 200 Midland TX 79701	\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice

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

PS Form 3877

Type of Mailing: CERTIFIED MAIL 04/14/2025

Firm Mailing Book ID: 286724

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 ERQUE,	\$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 APR 1	50200	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 FFICE USE	10375.0015Thai Notice
38	9314 8699 0430 0133 9614 25	EOG Resources, LLC Attn: Land Department 5509 Champions Drive Midland TX 79706		\$2.04	\$4.8 5	\$2.62	\$0.00	10375.0015Thai Notice
39	9314 8699 0430 0133 9614 32	Coterra Energy Attn: Land Department 6001 Deauville Blvd, Suite #300N Midland TX 79706		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
40	9314 8699 0430 0133 9614 49	XTO Delaware Basin LLC Attn: Land Department 22777 Springwoods Village Spring TX 77389		\$2.04	\$4.85	\$2.62	\$0.00	10375.0015Thai Notice
			Totals:	\$81.60	\$194.00	\$104.80	\$0.00	
					Grand	Total:	\$380.40	

List Number of Pieces Listed by Sender Total Number of Pieces Received at Post Office

Postmaster: Name of receiving employee Dated:

Transaction Report Details - CertifiedPro.net Firm Mail Book ID= 286724 Generated: 4/28/2025 2:14:08 PM

Released to Imaging: 5/1/2025 5:03:32 PM

Celletated: 4/20/2012 E124-00 FM										
USPS Article Number	Date Created	Reference Number	Name 1	Name 2	City	State	Zip	Mailing Status	Service Options	Mail Delivery Date
9314869904300133961449	2025-04-14 10:46 AM	10375.0015Thai	XTO Delaware Basin LLC	Attn: Land Department	Spring	TX	77389	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 10:09 AM
9314869904300133961432	2025-04-14 10:46 AM	10375.0015Thai	Coterra Energy	Attn: Land Department	Midland	TX	79706	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 3:29 PM
9314869904300133961425	2025-04-14 10:46 AM	10375.0015Thai	EOG Resources, LLC	Attn: Land Department	Midland	TX	79706	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-21 8:23 AM
9314869904300133961418	2025-04-14 10:46 AM	10375.0015Thai	ConocoPhillips	Attn: Land Department	Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-21 7:54 AM
9314869904300133961401	2025-04-14 10:46 AM	10375.0015Thai	BEXP II Alpha LLC		Austin	TX	78730	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 11:07 AM
9314869904300133961395	2025-04-14 10:46 AM	10375.0015Thai	BEXP II Omega Misc., LLC		Austin	TX	78730	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 11:12 AM
9314869904300133961388	2025-04-14 10:46 AM	10375.0015Thai	SITL Energy, LLC		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 11:49 AM
9314869904300133961371	2025-04-14 10:46 AM	10375.0015Thai	Trainer Partners LTD.	OE Squared Operating LLC	Houston	TX	77098	Mailed	Return Receipt - Electronic, Certified Mail	
9314869904300133961364	2025-04-14 10:46 AM	10375.0015Thai	Andrew H. Jackson		Midland	TX	79705	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-21 12:06 PM
9314869904300133961357	2025-04-14 10:46 AM	10375.0015Thai	Diaga Mineral Group, LLC		Midland	TX	79707	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-21 2:27 PM
9314869904300133961340	2025-04-14 10:46 AM	10375.0015Thai	PBC Resources, LLC		Midland	TX	79705	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 3:12 PM
9314869904300133961333	2025-04-14 10:46 AM	10375.0015Thai	Ventura Oil & Gas, LLC		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 11:49 AM
9314869904300133961326	2025-04-14 10:46 AM	10375.0015Thai	Trobaugh Properties, A Texas GP		Midland	TX	79705	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 10:00 AM
9314869904300133961319	2025-04-14 10:46 AM	10375.0015Thai	David C. Lougee, Kipp Lougee Frederiksen	and Fred Frederiksen, Trustees	Dallas	TX	75230	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 3:46 PM
9314869904300133961302	2025-04-14 10:46 AM	10375.0015Thai	TD Minerals, LLC		Dallas	TX	75225	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 10:53 AM
9314869904300133961296	2025-04-14 10:46 AM	10375.0015Thai	Blue Star Royalty, LLC		Fort Worth	TX	76147	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-17 9:36 AM
9314869904300133961289	2025-04-14 10:46 AM	10375.0015Thai	The heir(s) or devisee(s) of David C. Stephenson	appearing to be Richard T. Stephenson	Littleton	CO	80123	Returned to Sender	Return Receipt - Electronic, Certified Mail	2025-04-26 1:44 PM
9314869904300133961272	2025-04-14 10:46 AM	10375.0015Thai	John R. Lewis		Cypress	TX	77429	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-23 2:13 PM
9314869904300133961265	2025-04-14 10:46 AM	10375.0015Thai	Richard H. Schulze		Cypress	TX	77429	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-23 2:13 PM
9314869904300133961258	2025-04-14 10:46 AM	10375.0015Thai	Earthstone Permian LLC	Permian Resources	The Woodlands	TX	77380	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-23 1:43 PM
9314869904300133961241	2025-04-14 10:46 AM	10375.0015Thai	Fasken Land and Minerals, LTD		Midland	TX	79707	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 9:25 AM
9314869904300133961234	2025-04-14 10:46 AM	10375.0015Thai	CSC3 Holdings, Ltd.		San Antonio	TX	78209	To be Returned	Return Receipt - Electronic, Certified Mail	
9314869904300133961227	2025-04-14 10:46 AM	10375.0015Thai	Barbara Shelby Baetz Shipper a/k/a	Barbara B. Shipper	Houston	TX	77006	Mailed	Return Receipt - Electronic, Certified Mail	
9314869904300133961210	2025-04-14 10:46 AM	10375.0015Thai	Marie I. Baetz, Trustee of the	Marie I Baetz Family 2012 Trust	San Antonio	TX	78209	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-18 4:32 PM
9314869904300133961203	2025-04-14 10:46 AM	10375.0015Thai	Bureau of Land Management		Santa Fe	NM	87508	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-16 12:33 PM
9314869904300133961197	2025-04-14 10:46 AM	10375.0015Thai	WR Non-Op LLC		Midland	TX	79702	Mailed	Return Receipt - Electronic, Certified Mail	
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

Affidavit of Publicatio

STATE OF NEW MEXICO COUNTY OF LEA

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

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

Publisher

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

Business Manager

My commission expires January 29, 2027

(Seal)

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

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

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; Oki Valley Mineral and Land, LP; Panhandle Properties, LLC; Wilbur Herring and Dell Herring al/Va Dell Louise Herring, as trustees for the Herring 1990 Trust Restated 2011; Southpaw Land & Timber, LLC; Paloma Permian AssetCo, LLC; Chief Capital (O&G) Il LLC; Wilbur Non-Op LLC; Bureau of Land Management; Marie I. Baetz, Trustee of the Marie I. Baetz Family 2012 Trust; Barbara Shelby Baetz Shipper al/Va 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, Wendelino 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 hit b

Supervision, designation of Avant Operating II, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 36 miles southwest of Hobbs, New Mexico. CASE NO. 25348: Notice to all affected parties, as well as heirs and devisees of: Saxum Asset Holdings, LP; Featherstone Development Corporation; Prospector, LLC; Big Three Energy Group, LLC; MRC Permian Company; Sitio Permian, LLC; Post Oak Crown Minerals; Sortida Resources, LLC; Gibler Properties, LLC; Wilbur Herring and Deil Herring al/40 Deil 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 al/40 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; Bius Star Royalty, LLC; TO 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 Driv

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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