# APPLICATION OF BTA OIL PRODUCERS, FOR COMPULSORY POOLING LEA COUNTY, NEW MEXICO

**CASE NO. 24489** 

#### **EXHIBIT INDEX**

#### Compulsory Pooling Checklist

Exhibit A	Self-Affirmed Statement of Adams Davenport
A-1	Application & Proposed Notice of Hearing
A-2	C-102s
A-3	Plat of Tracts, Tract Ownership, Applicable Lease Numbers, Unit Recapitulation, Pooled Parties
A-4	Sample Well Proposal Letter & AFEs
A-5	Chronology of Contact
Exhibit B	Self-Affirmed Statement of David Childers
B-1	Location Map
B-2	Subsea Structure Map
B-3	Stratigraphic Cross-Section
B-4	Gross Isopach Map
Exhibit C	Self-Affirmed Statement of Dana S. Hardy
C-1	Sample Notice Letter to All Interested Parties
C-2	Chart of Notice to All Interested Parties
C-3	Copies of Certified Mail Receipts and Returns
C-4	Affidavit of Publication for May 10, 2024

### **COMPULSORY POOLING APPLICATION CHECKLIST**

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

Case: 24489	APPLICANT'S RESPONSE
Date 6/13/2024	
Applicant	BTA Oil Producers, LLC
Designated Operator & OGRID (affiliation if applicable)	OGRID No. 260297
Applicant's Counsel:	Hinkle Shanor LLP
Case Title:	Application of BTA Oil Producers, LLC for Compulsory Pooling, Lea County, New Mexico.
Entries of Appearance/Intervenors:	N/A
Well Family	Capitan
Formation/Pool	
Formation Name(s) or Vertical Extent:	Pennsylvanian Shale
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Pennsylvanian Shale
Pool Name and Pool Code:	WC025 G09 S173615C; Upper Penn Pool (Code 98333)
Well Location Setback Rules:	Statewide
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	279.37 acres
Building Blocks:	quarter-quarter
Orientation:	North to South
Description: TRS/County	W/2 W/2 of Section 34, Township 16 South, Range 36 East, and Lot 4 (NW/4 NW/4 equivalent), SW/4 NW/4, and NW/4 SW/4 of irregular Section 3, Township 17 South, Range 36 East, Lea County.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	N/A
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibit A-3
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	Capitan 22301 34-3 State Com 13H (API # pending) SHL: 250' FNL & 1300' FWL (Unit D), Section 34, T16S-R36E BHL: 1376' FSL & 660' FWL (Unit L), Section 3, T17S-R36E Completion Target: Pennsylvanian Shale (Approx. 11,540' TVD)
Released to Imaging: 6/6/2024 3:51:00 PM AFE Capex and Operating Costs	

Received by OCD: 6/6/2024 3:07:44 PM		Page 4 of 36
Cross Section Location Map (including wells)	Exhibit B-2	
Cross Section (including Landing Zone)	Exhibit B-3	
Additional Information		
Special Provisions/Stipulations	N/A	
CERTIFICATION: I hereby certify that the information pro-	vided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Dana S. Hardy	
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy	
Date:	6/6/2024	

APPLICATION OF BTA OIL PRODUCERS, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

**CASE NO. 24489** 

### SELF-AFFIRMED STATEMENT <u>ADAMS DAVENPORT</u>

- 1. I am a landman at BTA Oil Producers, LLC ("BTA") and am over 18 years of age. I have personal knowledge of the matters addressed herein and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division") and my credentials as an expert in land matters were accepted as a matter of record.
- 2. I am familiar with the land matters involved in the above-referenced case. Copies of BTA's application and proposed hearing notice are attached as **Exhibit A-1**.
- 3. None of the parties proposed to be pooled in this case indicated opposition to this matter proceeding by affidavit, therefore I do not expect any opposition at hearing.
- 4. BTA seeks an order pooling all uncommitted mineral interests in the Pennsylvanian Shale formation underlying a 279.37-acre, more or less, standard horizontal spacing unit comprised of the W/2 W/2 of Section 34, Township 16 South, Range 36 East, and Lot 4 (NW/4 NW/4 equivalent), SW/4 NW/4, and NW/4 SW/4 of irregular Section 3, Township 17 South, Range 36 East, Lea County, New Mexico ("Unit").
- 5. The Unit will be dedicated to the Capitan 22301 34-3 State Com #13H well ("Well"), to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 34, Township 16 South, Range 36 East, to a bottom hole location in the NW/4 SW/4 (Unit L) of Section 3, Township 17 South, Range 36 East.

BTA Oil Producers, LLC Case No. 24489 Exhibit A

- 6. The Well will be completed in the WC025 G09 S173615C; Upper Penn Pool (Code 98333).
  - 7. The completed interval of the Well will be orthodox.
  - 8. **Exhibit A-2** contains the C-102s for the Well.
- 9. **Exhibit A-3** contains a plat identifying ownership by tract in the Unit. This exhibit also includes any applicable lease numbers, a unit recapitulation, and the interests BTA seeks to pool highlighted in yellow. All of the parties are locatable.
- 10. BTA has conducted a diligent search of all county public records including phone directories and computer databases. BTA also used the Accurint subscription service to locate interest owners.
- 11. **Exhibit A-4** contains sample well proposal letters and AFEs sent to working interest owners in the Well. The estimated costs reflected on the AFEs are fair and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.
- 12. In my opinion, BTA made a good-faith effort to reach voluntary joinder of uncommitted interests in the Well as indicated by the chronology of contact described in **Exhibit** A-5.
- 13. BTA requests overhead and administrative rates of \$12,000 per month while the Wells are being drilled and \$1,200 per month while the Wells are producing. These rates are fair and are comparable to the rates charged by BTA and other operators in the vicinity.
- 14. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.

- 15. In my opinion, the granting of BTA's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.
- 16. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Adams Davenport

05/31/2024 Date

APPLICATION OF BTA OIL PRODUCERS, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

**CASE NO. 24489** 

#### **APPLICATION**

Pursuant to NMSA 1978, Section 70-2-17, BTA Oil Producers, LLC (OGRID No. 260297) ("BTA" or "Applicant") applies for an order pooling all uncommitted interests in the Pennsylvanian Shale formation underlying a 279.37-acre, more or less, standard horizontal spacing unit comprised of the W/2 W/2 of Section 34, Township 16 South, Range 36 East, and Lot 4 (NW/4 NW/4 equivalent), SW/4 NW/4, and NW/4 SW/4 of irregular Section 3, Township 17 South, Range 36 East, Lea County, New Mexico ("Unit"). In support of this application, BTA states the following.

- 1. Applicant is a working interest owner in the Unit and has the right to drill wells thereon.
- 2. The Unit will be dedicated to the Capitan 22301 34-3 State Com #13H well ("Well"), to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 34, Township 16 South, Range 36 East, to a bottom hole location in the NW/4 SW/4 (Unit L) of Section 3, Township 17 South, Range 36 East.
  - 3. The completed interval of the Well will be orthodox.
- 4. Applicant has undertaken diligent, good-faith efforts to obtain voluntary agreements from all interest owners to participate in the drilling of the Well but has been unable to obtain voluntary agreements from all interest owners.

BTA Oil Producers, LLC, Case No. 24489 Exhibit A-1

- 5. The pooling of uncommitted interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.
- 6. In order to allow Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in the Unit should be pooled and Applicant should be designated as the operator of the Well and Unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on June 13, 2024, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the Well in the Unit;
- C. Designating Applicant as operator of the Unit and the Well to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping and completing the
   Well;
- E. Approving the actual operating charged and costs of supervision while drilling and after completion, together with a provision adjusting the rated pursuant to the COPAS accounting procedures; and
- F. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the Well against any working interest owner who does not voluntarily participate in the drilling of the Well.

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy
Dana S. Hardy
Jaclyn M. McLean
P.O. Box 2068
Santa Fe, NM 87504-2068
Phone: (505) 982-4554
dhardy@hinklelawfirm.com
jmclean@hinklelawfirm.com
Counsel for BTA Oil Producers, LLC

Application of BTA Oil Producers, LLC for Compulsory Pooling, Lea County, New Mexico.

Applicant seeks an order pooling all uncommitted interests in the Pennsylvanian Shale formation underlying a 279.37-acre, more or less, standard horizontal spacing unit comprised of the W/2 W/2 of Section 34, Township 16 South, Range 36 East, and Lot 4 (NW/4 NW/4 equivalent), SW/4 NW/4, and NW/4 SW/4 of irregular Section 3, Township 17 South, Range 36 East, Lea County, New Mexico ("Unit"). The Unit will be dedicated to the Capitan 22301 34-3 State Com #13H well ("Well"), which will be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 34, Township 16 South, Range 36 East, to a bottom hole location in the NW/4 SW/4 (Unit L) of Section 3, Township 17 South, Range 36 East. The completed interval of the Well will be orthodox. Also to be considered will be the cost of drilling and completing the Well and the allocation of the cost, the designation of Applicant as operator of the Well, and a 200% charge for the risk involved in drilling and completing the Well. The Well is located approximately 3 miles south of Lovington, New Mexico.

1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 1220 S. St. Francis Dr., Santa Fe, NM 87505

Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

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

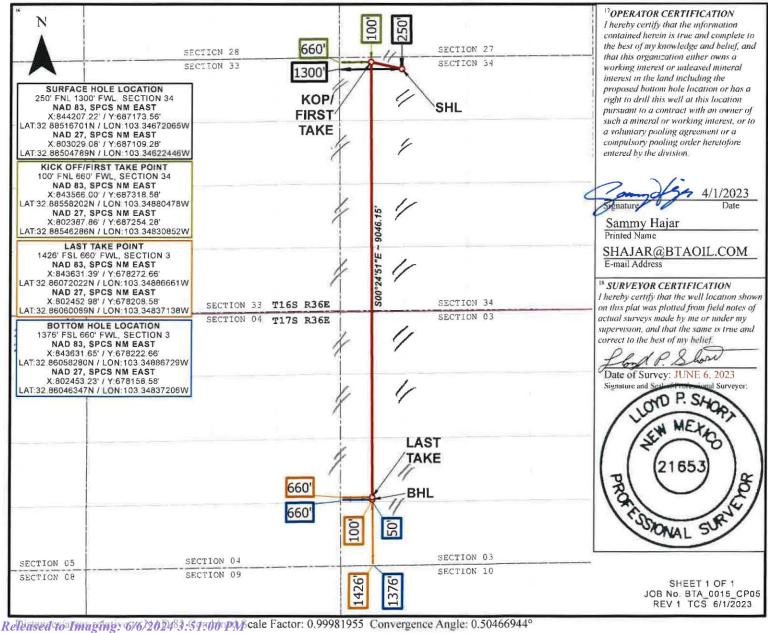
☐ AMENDED REPORT

BTA Oil Producers, LLC, Case No. 24489 Exhibit A-2

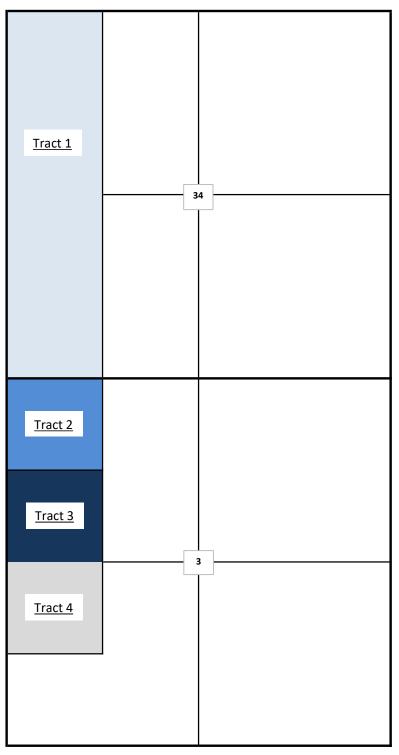
WELL LOCATION AND ACERAGE DEDICATION PLAT

'API Number				<sup>1</sup> Pool Code 98333		WC025 G	9 S173615C; U	JPPER PENN	
Property Co.			CAPITAN 22301 34-3 STATE COM					" Well Number 13H	
26029	OGRID No. Operator Name							* Elevation 3884'	
				1	<sup>0</sup> Surface Lo	ocation			
UL or lot no.	34	16S	Range 36E	Lot Idn	Feet from the 250	North/South line North	Feet from the 1300	East/West line West	County LEA
			11 B	ottom H	ole Location	n If Different F	rom Surface		
CL or lot no.	Section 3	17S	36E	Lot Idn	Feet from the 1376	South	Feet from the 660	West line West	LEA
12 Dedicated Acres 280	13 3.	eint or Infill	14 Cons	olidation Code	18 Order No.	•			

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



279.37 Acre Spacing Unit for the Capitan 22301 34-3 State Com #13H Well Covering the W/2 W/2 of Section 34, T-16-S, R-36-E, N.M.P.M., and Lot 4, SW/4 NW/4, NW/4 SW/4 of Section 3, T-17-S, R-36-E, N.M.P.M., Lea County, New Mexico



BTA Oil Producers, LLC Case No. 24489 Exhibit A-3

#### Capitan 22301 34-3 State Com #13H Unit Recapitulation

Tract 1	Leasehold Owner	WI	160 Acres
State of New Mexico OGL VC-0793 W/2 W/2 Section 34, T16S, R36E, Lea County, New Mexico	BTA Oil Producers, LLC	100.0000%	160.0000
Tract 2	Leasehold Owner	WI	39.37 Acres
State of New Mexico OGL VC-1142 Lot 4 Section 3, T17S, R36E, Lea County, New Mexico	BTA Oil Producers, LLC	100.0000%	39.3700
Tract 3	Leasehold Owner	WI	40 Acres
Fee SW/4 NW/4 Section 3, T17S, R36E, Lea County, New Mexico	BTA Oil Producers, LLC Broughton Petroleum Inc. Slash Exploration Limited Partnership Hay Family Trust dated 06/24/2005	85.4167% 5.6250% 5.6250% 3.3333%	34.1667 2.2500 2.2500 1.3333
Tract 4	Leasehold Owner	WI	40 Acres
State of New Mexico OGL B0-4119 NW/4 SW/4 Section 3, T17S, R36E, Lea County, New Mexico	Oxy USA WTP Limited Partnership	100.0000%	40.0000
Recapitulation	Leasehold Owner	WI	279.37 Acres
Capitan 22301 34-3 State Com #13H	BTA Oil Producers, LLC Oxy USA WTP Limited Partnership Broughton Petroleum Inc. Slash Exploration Limited Partnership Hay Family Trust dated 06/24/2005	83.5940% 14.3179% 0.8054% 0.8054% 0.4773%	233.5367 40.0000 2.2500 2.2500 1.3333
Total		100.0000%	279.3700



BTA Oil Producers, LLC, age 15 of 36 Case No. 24489 Exhibit A-4

BTA OIL PRODUCERS, LLC

BARRY BEAL
SPENCER BEAL
KELLY BEAL
BARRY BEAL, JR.
STUART BEAL
ROBERT DAVENPORT, JR.
ASHLEY BEAL LAFEVERS
ALEX BEAL
HILL DAVENPORT
TREY FUQUA

CARLTON BEAL, JR.

104 SOUTH PECOS STREET MIDLAND, TEXAS 79701-5021 432-682-3753 FAX 432-683-0314 **GULF COAST DISTRICT** 

TOTAL PLAZA
1201 LOUISIANA STREET, STE. 3375
HOUSTON, TEXAS 77002
713-658-0077

**ROCKY MOUNTAIN DISTRICT**600 17<sup>TH</sup> STREET, STE. 2230 SOUTH
DENVER, COLORADO 80202
303-534-4404 FAX 303-534-4661

June 26, 2023

In re: Well Proposal

Capitan 22301 34-3 State Com #13H

SHL: 250' FNL & 1,300' FWL Section 34, T16S, R36E BHL: 1,370' FSL & 660' FWL Section 3, T17S, R36E

Lea County, New Mexico

BTA 22300 Arbor 2

Broughton Petroleum Inc.

Attn: Bill Foran

1125 N Loop W, Suite #1055

Houston, TX 77008

Mr. Foran:

BTA Oil Producers, LLC ("BTA") proposes to drill the Capitan 22301 34-3 State Com #13H (the "Well"), a horizontal, communitized, Pennsylvanian Shale Well with a TVD of 11,540' and a MD of 20,426'. The Well will be drilled as a two mile horizontal well at the above captioned location (the "Operation"). The Cumulative Well Costs of the Operation are estimated to be \$13,547,754.00 as detailed in our enclosed Authority for Expenditure ("AFE").

BTA proposes drilling the Well under the terms of a new 2015 AAPL Form 610-2015 Model Form Operating Agreement with following general provisions:

- 300% / 100% / 300% non-consent penalty;
- \$12,000.00 / \$1,200.00 drilling and producing rates;
- Contract Area of 279.37 acres, being the W2 W2 of Section 34, T16S-R36E and Lot 4, SW4 NW4, NW4 SW4 of Section 3, T17S, R36E, limited to the Pennsylvanian Shale formation; and
- BTA Oil Producers, LLC named as Operator.

Find enclosed two (2) copies of our AFE for the drilling of the Capitan 22301 34-3 State Com #13H Well. If you elect to participate in the drilling of the Well, please so indicate by returning a signed copy of this letter along with a signed copy of the AFE to this office using the enclosed envelope. Please note the Well is a horizontal well and there will not be a casing point election.

Page 2

Your election must be received by BTA within 30 days of your receipt of this letter. In the event that there has been no election after 30 days from your receipt of this letter, BTA will submit an application for a Compulsory Pooling Order with the New Mexico Oil Conservation Division.

Should you have any questions or require further information, please let me know.

		Sincerely, adams B. Davenport
		Adams B. Davenport Business Development
	Elect to Participate in the Capitan 22301 (Send well information requirements to	
	Elect to not to participate in the Capitan	22301 34-3 State Com #13H Well
Broughton	n Petroleum Inc.	
Ву:		
Title:		
D 4		

### BTA OIL PRODUCERS WELL COST ESTIMATE & AUTHORITY FOR EXPENDITURE

Capitan 22301 34-3 State Come #13H (PSDL) SHL: 250 FNL & 1300 FWL Sec 34, 16S, 36E FTP: 100 FNL & 660 FWL Sec 34, 16S, 36E LTP: 1420 FSL & 660 FWL Sec 3, 17S, 36E BHL: 1370 FSL & 660 FWL, Sec 3, 17S, 36E Well Name: Location:

~11,540' TVD Total Depth: ~20,426' MD

Lea County, NM Formation: Penn Shale Date Prepared: 4/14/2023 Prepared By: NE CASED HOLE TW COMPLET**I**ON TOTAL COSTS INTANGIBLE COSTS
FORMATION EVALUATION \$ \$ CODE \$

CODE	FORMATION EVALUATION	Ф	5	5	ъ
2203	Logs	8,000		20,000	28,000
2204	Cores				
2205	DST				
	LOCATION & ACCESS	5.000			5.000
2211 2212	Survey & Stake Damages	5,000 50,000			5,000 50,000
2212	Road & Location	85,000		100,000	185,000
2214	Other Location	130,000		100,000	130,000
	DRILLING RIG	100,000			100,000
2223	Mobilization	205,000			205,000
2225	Daywork	938,000	134,000		1,072,000
2226	Footage				
2227	Turnkey				
	DRILLING SUPPLIES				
2232	Bits	115,000		05.000	115,000
2233 2234	BHA Fuel	55,000 273,000	39,000	65,000	120,000 312,000
2236	Other Supplies	275,000	39,000		312,000
	MUD RELATED				
2241	Mud Purchase	135,000	5,000		140,000
2242	Mud Rental				
2244	Fresh Water	55,000	1,000	700,000	756,000
2245	Brine	45,000			45,000
2246	Solids Control (Closed Loop)	42,000	6,000		48,000
2247	Mud Monitor	28,000			28,000
2249	Mud Related Other DRILLING SERVICES	8,000			8,000
2252	BOP Related	15,000	4,000		19,000
2253	Casing Related	38,000	95,000		133,000
2254	Welding	8,000	2,000	15,000	25,000
2255	Trucking	22,500	10,000	70,000	102,500
2256	Rental Equipment	82,000	8,000	400,000	490,000
2257	Other Services (Direction/GR Services)	378,000			378,000
	CEMENT				
2261	Casing Cementing	115,000	185,000		300,000
2262	Other Cementing			150,000	150,000
	CONTRACT SERVICES				
2266	Engineering	8,000			8,000
2267	Geological	22,000		00.000	22,000
2268	Roustabout	6,000	14.000	80,000	86,000
2269 2270	Wellsite Supervision Other Contract Services	103,600 25,000	14,800	70,000	188,400 25,000
2210	COMPLETION SERVICES	25,000			25,000
2272	Pulling Unit			20,000	20,000
2273	Drilling Rig			20,000	20,000
2276	Perforate			350,000	350,000
2277	Stimulation .			3,600,000	3,600,000
2278	Other Compl. Services			220,000	220,000
	OVERHEAD				
2280	Drilling & Administrative	10,000		10,000	20,000
	TOTAL INTANGIBLE COSTS	\$ 3,010,100	\$ 503,800	\$ 5,870,000	\$ 9,383,900
CODE	TANGIBLE COSTS				
CODE	TUBULARS	201.000			201.000
2311	TUBULARS Surface Casing (13 3/8" @ 2125')	201,000			201,000
2311 2312	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650')	390,000			390,000
2311 2312 2313	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" 4600' - 11100')		875 000		390,000 440,000
2311 2312 2313 2314	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Dig Liner & Hanger (7-5/8" 4600' -11100') Production Casing (5-1/2" 5" @ TD)	390,000	875,000		390,000
2311 2312 2313 2314 2315	TUBULARS  Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" 4500' - 11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD)	390,000	875,000		390,000 440,000
2311 2312 2313 2314	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Dig Liner & Hanger (7-5/8" 4600' -11100') Production Casing (5-1/2" 5" @ TD)	390,000	875,000		390,000 440,000
2311 2312 2313 2314 2315	TUBULARS Surface Casing (13.3/8" @ 2125') Intermediate Casing (9.5/8" @ 4.650') Drig Liner & Hanger (7-5/8" 4600' - 111100') Production Casing (5-1/2" x5" @ TD) Production Liner & Hanger (10.000 - TD) Other Tubulars	390,000	875,000 27,000	85,000	390,000 440,000
2311 2312 2313 2314 2315 2316 2321 2322	TUBULARS  Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" 4600' - 11100') Production Casing (5-1/2" x" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars  WELL EQUIPMENT Well Head Flowfine	390,000 440,000		225,000	390,000 440,000 875,000 137,000 225,000
2311 2312 2313 2314 2315 2316 2321 2322 2325	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Dig Liner & Hanger (7-5/8" *600' -11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing	390,000 440,000			390,000 440,000 875,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4.650') Drig Liner A Hanger (7-5/8" 4600' - 11100') Production Casing (5-1/2" ×5' @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods	390,000 440,000		225,000	390,000 440,000 875,000 137,000 225,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" *600' -11100') Production Casing (5-1/2" x 5" @ TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps	390,000 440,000		225,000	390,000 440,000 875,000 137,000 225,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327 2328	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" 4600' - 11100') Production Casing (5-1/2" × 5' @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit	390,000 440,000		225,000 135,000	390,000 440,000 875,000 137,000 225,000 135,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327 2328 2329	TUBULARS  Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" 4600' - 11100') Production Casing (5-1/2" x" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars  WELL EQUIPMENT Well Head Flowfine Tubing Rods Pumps Pumping Unit Subsurface Equipment	390,000 440,000 25,000	27,000	225,000 135,000 35,000	390,000 440,000 875,000 137,000 225,000 135,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327 2328	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drils Liner & Hanger (7-5/8" 4600' - 111100') Production Casing (5-1/2" x5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head FlowIne Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment	390,000 440,000		225,000 135,000	390,000 440,000 875,000 137,000 225,000 135,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327 2328 2329 2331	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4.650') Drig Liner A Hanger (7-5/8" 4600' - 11100') Production Casing (5-1/2" x"5 @ TD) Production Liner & Hanger (10.000 - TD) Other Tubulars WELL EQUIPMENT Well Head FlowIne Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT	390,000 440,000 25,000	27,000	225,000 135,000 35,000 3,000	390,000 440,000 875,000 137,000 225,000 135,000 35,000 143,000
2311 2312 2313 2314 2316 2321 2322 2325 2326 2327 2328 2329 2331	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4650') Drig Liner & Hanger (7-5/8" @ 4650') Production Casing (5-1/2" x5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment Other Well Equipment LEASE EQUIPMENT Tanks	390,000 440,000 25,000	27,000	225,000 135,000 35,000 3,000 173,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327 2328 2329 2331	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4.650') Drig Liner A Hanger (7-5/8" 4600' - 11100') Production Casing (5-1/2" x"5 @ TD) Production Liner & Hanger (10.000 - TD) Other Tubulars WELL EQUIPMENT Well Head FlowIne Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT	390,000 440,000 25,000	27,000	225,000 135,000 35,000 3,000	390,000 440,000 875,000 137,000 225,000 135,000 35,000 143,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327 2328 2329 2331 2361 2362 2363 2364	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4.650') Drig Liner A Hanger (7-5/8" 4600' - 11100') Production Casing (5-1/2" × 5' @ TD) Production Liner & Hanger (10.000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps	390,000 440,000 25,000	27,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 113,000 5,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327 2328 2329 2331 2361 2362 2363 2363 2364 2365	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4 650') Dig Liner & Hanger (7-6/8" 6/00' -11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System	390,000 440,000 25,000	27,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 75,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327 2328 2329 2331 2361 2362 2363 2364 2365 2366	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drils Liner & Hanger (7-5/8" 4600' - 111100') Production Casing (5-1/2" x5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head FlowIne Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters	390,000 440,000 25,000	27,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 35,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 113,000 5,000 75,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327 2328 2329 2331 2361 2362 2363 2364 2365 2366 2367	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Dig Liner & Hanger (7-6/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors	390,000 440,000 25,000	27,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 35,000 250,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 173,000 35,000 35,000 35,000 250,000
2311 2312 2313 2314 2315 2316 2321 2325 2326 2327 2328 2329 2331 2361 2362 2363 2365 2365 2366 2367 2368	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4650') Drils Liner & Hanger (7-5/8" 4650' - 11100') Production Casing (5-1/2" x5" @ TD) Production Liner & Hanger (10.000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment	390,000 440,000 25,000	27,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 35,000 250,000 65,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 173,000 5,000 35,000 250,000 65,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327 2328 2329 2331 2361 2362 2363 2364 2365 2366 2367	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Dig Liner & Hanger (7-6/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors	390,000 440,000 25,000	27,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 35,000 250,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 173,000 35,000 35,000 35,000 250,000
2311 2312 2313 2314 2315 2316 2321 2325 2326 2327 2328 2329 2331 2361 2362 2363 2365 2365 2366 2367 2368	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4650') Drig Liner & Hanger (7-5/8" @ 4650') Production Casing (5-1/2" x5" @ TD) Production Liner & Hanger (10.000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumpis Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment	390,000 440,000 25,000 115,000	27,000 25,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 250,000 65,000 100,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 175,000 25,000 250,000 100,000
2311 2312 2313 2314 2315 2316 2321 2325 2326 2327 2328 2329 2331 2361 2362 2363 2365 2365 2366 2367 2368	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4650') Drils Liner & Hanger (7-5/8" 4650' - 11100') Production Casing (5-1/2" x5" @ TD) Production Liner & Hanger (10.000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment	390,000 440,000 25,000	27,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 35,000 250,000 65,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 173,000 5,000 35,000 250,000 65,000
2311 2312 2313 2314 2315 2316 2321 2325 2326 2327 2328 2329 2331 2361 2362 2363 2365 2365 2366 2367 2368	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4650') Drig Liner & Hanger (7-5/8" @ 4650') Production Casing (5-1/2" x5" @ TD) Production Liner & Hanger (10.000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lacl Equipment Other Lease Equipment Other Lease Equipment	390,000 440,000 25,000 115,000	27,000 25,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 250,000 65,000 100,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 175,000 25,000 250,000 100,000
2311 2312 2313 2314 2315 2316 2321 2325 2326 2327 2328 2329 2331 2361 2362 2363 2365 2365 2366 2367 2368	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Other Lease Equipment Subsurface Equipment Leafer Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment	390,000 440,000 25,000 115,000	27,000 25,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 250,000 65,000 100,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 175,000 25,000 250,000 100,000
2311 2312 2313 2314 2316 2316 2321 2322 2322 2323 2328 2328 2328 2329 2328 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4650') Drig Liner & Hanger (7-5/8" 690' - 11100') Production Casing (5-1/2" x5' @ TD) Production Liner & Hanger (10.000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Subsurface Equipment Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment	390,000 440,000 25,000 115,000	27,000 25,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 250,000 65,000 100,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 175,000 25,000 250,000 100,000
2311 2312 2313 2314 2315 2316 2321 2322 2322 2322 2322 2322 2322	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4650') Drig Liner & Hanger (7-5/8" 690' - 11100') Production Casing (5-1/2" x5' @ TD) Production Liner & Hanger (10.000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Other Lease Interface System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Other Lease Interface System Meters Connectors Lact Equipment Other Lease Interface System Gas Line Intangibles Gas Line Intangibles Compresssor	390,000 440,000 25,000 115,000	27,000 25,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 250,000 65,000 100,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 175,000 25,000 250,000 100,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327 2328 2329 2331 2361 2362 2363 2363 2363 2364 2365 2368 2369	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4650') Drils Liner & Hanger (7-5/8" 4600' - 111100') Production Casing (5-1/2" x5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment SUBTOTAL - TANGIBLES SYSTEMS Gas Line Tangibles Gas Line Intangibles Compresssor Gas Plant Tangibles	390,000 440,000 25,000 115,000	27,000 25,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 250,000 65,000 100,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 175,000 25,000 250,000 100,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4 650') Ditg Liner & Hanger (7-6/8" 6/00' -11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Subsurface Equipment Flowline Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Other Tangibles Gas Line Intangibles Compresssor Gas Plant Trangibles Gas Plant Intangibles Gas Plant Intangibles	390,000 440,000 25,000 115,000	27,000 25,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 250,000 65,000 100,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 175,000 25,000 250,000 100,000
2311 2312 2313 2314 2315 2316 2321 2322 2325 2326 2327 2328 2329 2331 2361 2362 2363 2363 2363 2364 2365 2368 2369	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4650') Drils Liner & Hanger (7-5/8" 4600' - 111100') Production Casing (5-1/2" x5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment SUBTOTAL - TANGIBLES SYSTEMS Gas Line Tangibles Gas Line Intangibles Compresssor Gas Plant Tangibles	390,000 440,000 25,000 115,000	27,000 25,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 250,000 65,000 100,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 175,000 25,000 250,000 100,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4650') Ditg Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment SUBSTOTAL - TANGIBLES SYSTEMS Gas Line Intangibles Compresssor Gas Plant Tangibles Gas Plant Itangibles Gas Plant Itangibles Gas Plant Itangibles Dehydrator	390,000 440,000 25,000 115,000	27,000 25,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 250,000 65,000 100,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 175,000 25,000 250,000 100,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4 650') Ditg Liner & Hanger (7-6/8" 6/00' -11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Subsurface Equipment Flowline Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Other Tangibles Gas Line Intangibles Compresssor Gas Plant Trangibles Gas Plant Intangibles Gas Plant Intangibles	390,000 440,000 25,000 115,000	27,000 25,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 250,000 65,000 100,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 175,000 25,000 250,000 100,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Ditg Liner & Hanger (7-6/8" & 6,650') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Subsurface Specification Meters Connectors Lact Equipment Subsurface Famples System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Famples Gas Line Intangibles Gas Plant Tangibles Gas Plant Tangibles Gas Plant Intangibles Dehydrator SUBTOTAL - SYSTEMS	390,000 440,000 25,000 115,000	27,000 25,000 927,000	225,000 135,000 35,000 173,000 173,000 15,000 75,000 35,000 256,000 100,000	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 5,000 75,000 35,000 250,000 65,000 100,000 3,397,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4650') Ditg Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment SUBSTOTAL - TANGIBLES SYSTEMS Gas Line Intangibles Compresssor Gas Plant Tangibles Gas Plant Itangibles Gas Plant Itangibles Gas Plant Itangibles Dehydrator	390,000 440,000 25,000 115,000	27,000 25,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 75,000 250,000 65,000 100,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 173,000 175,000 25,000 250,000 100,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Ditg Liner & Hanger (7-5/8" & 600' - 11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Other Lease Saupipment Other Lease Saupipment Other Lase Intermediate System Meters Connectors Lact Equipment Other Lase Faupipment SUBTOTAL - TANGIBLES  SYSTEMS Gas Line Intangibles Gas Plant Intangibles Gas Plant Intangibles Dehydrator SUBTOTAL - SYSTEMS	390,000 440,000 25,000 115,000 1,171,000	27,000 25,000 927,000 \$ 927,000	225,000 135,000 35,000 3,000 173,000 113,000 5,000 250,000 65,000 100,000 1,299,000	390,000 440,000 875,000 137,000 225,000 135,000 143,000 173,000 5,000 75,000 35,000 250,000 65,000 100,000 3,397,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Ditg Liner & Hanger (7-6/8" & 6,650') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Subsurface Specification Meters Connectors Lact Equipment Subsurface Famples System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Famples Gas Line Intangibles Gas Plant Tangibles Gas Plant Tangibles Gas Plant Intangibles Dehydrator SUBTOTAL - SYSTEMS	390,000 440,000 25,000 115,000	27,000 25,000 927,000	225,000 135,000 35,000 173,000 173,000 15,000 75,000 35,000 256,000 100,000	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 5,000 75,000 35,000 250,000 65,000 100,000 3,397,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Other Lease Squipment SubTOTAL - TANGIBLES  SYSTEMS Gas Line Intangibles Gas Line Intangibles Gas Plant Intangibles Dehydrator SUBTOTAL - SYSTEMS  TOTAL TANGIBLE COSTS GENERAL CONTINGENCIES	390,000 440,000 25,000 115,000 1,171,000 \$ 1,171,000 250,866	27,000 25,000 927,000 \$ 927,000 85,848	225,000 135,000 35,000 3,000 173,000 113,000 5,000 35,000 250,000 65,000 100,000 1,299,000	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 173,000 35,000 75,000 35,000 250,000 65,000 100,000 3,397,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Other Lease Equipment Subsurface Equipment Subsurface System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment SubTOTAL - TANGIBLES  SYSTEMS Gas Line Intangibles Gas Line Intangibles Gas Plant Tangibles	390,000 440,000 25,000 115,000 1,171,000	\$ 927,000 \$ 927,000 \$ 1,516,648	225,000 135,000 35,000 3,000 173,000 113,000 5,000 35,000 250,000 65,000 100,000 1,299,000	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 173,000 173,000 250,000 250,000 250,000 33,397,000 33,397,000 \$ \$ 3,397,000 766,854
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Other Lease Squipment SubTOTAL - TANGIBLES  SYSTEMS Gas Line Intangibles Gas Line Intangibles Gas Plant Intangibles Dehydrator SUBTOTAL - SYSTEMS  TOTAL TANGIBLE COSTS GENERAL CONTINGENCIES	390,000 440,000 25,000 115,000 1,171,000 \$ 1,171,000 250,866	27,000 25,000 927,000 \$ 927,000 85,848	225,000 135,000 35,000 3,000 173,000 113,000 5,000 35,000 250,000 65,000 100,000 1,299,000	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 173,000 35,000 75,000 35,000 35,000 35,000 35,000 35,000 76,000 35,000 76,000 35,000 76,000 35,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Subsurface System Meters Connectors Lact Equipment Subtrotal - TANGIBLES  SYSTEMS Gas Line Intangibles Gas Plant Tangibles Gas Plant Tangibles Gas Plant Tangibles Gas Plant Tangibles Dehydrator SUBTOTAL - SYSTEMS  TOTAL TANGIBLE COSTS  GENERAL CONTINGENCIES	390,000 440,000 25,000 115,000 1171,000 \$ 1,171,000 250,866 \$ 4,431,966	\$ 927,000 \$ 927,000 \$ 1,516,648	225,000 135,000 35,000 3,000 173,000 113,000 5,000 250,000 65,000 100,000 1,299,000 \$1,299,000 430,140 \$7,599,140	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 173,000 35,000 75,000 35,000 35,000 35,000 35,000 35,000 76,000 35,000 76,000 35,000 76,000 35,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Other Lease Equipment Subsurface Equipment Subsurface System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment SubTOTAL - TANGIBLES  SYSTEMS Gas Line Intangibles Gas Line Intangibles Gas Plant Tangibles	390,000 440,000 25,000 115,000 1171,000 \$ 1,171,000 250,866 \$ 4,431,966	\$ 927,000 \$ 927,000 \$ 1,516,648	225,000 135,000 35,000 3,000 173,000 113,000 5,000 250,000 65,000 100,000 1,299,000 \$1,299,000 430,140 \$7,599,140	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 173,000 35,000 75,000 35,000 35,000 35,000 35,000 35,000 76,000 35,000 76,000 35,000 76,000 35,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment Subsurface System Meters Connectors Lact Equipment Subtrotal - TANGIBLES  SYSTEMS Gas Line Intangibles Gas Plant Tangibles Gas Plant Tangibles Gas Plant Tangibles Gas Plant Tangibles Dehydrator SUBTOTAL - SYSTEMS  TOTAL TANGIBLE COSTS  GENERAL CONTINGENCIES	390,000 440,000 25,000 115,000 1171,000 \$ 1,171,000 250,866 \$ 4,431,966	\$ 927,000 \$ 927,000 \$ 1,516,648	225,000 135,000 35,000 3,000 173,000 113,000 5,000 250,000 65,000 100,000 1,299,000 \$1,299,000 430,140 \$7,599,140	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 173,000 35,000 75,000 35,000 35,000 35,000 35,000 35,000 76,000 35,000 76,000 35,000 76,000 35,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Ditg Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowthe Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment SUBTOTAL - TANGIBLES  SYSTEMS Gas Line Intangibles Gas Line Intangibles Gas Plant Intangibles Compressor Gas Plant Intangibles Gas Plant Intangibles Gas Plant Intangibles Dehydrator SUBTOTAL - SYSTEMS  TOTAL TANGIBLE COSTS  TOTALS BY PHASE  CUMULATIVE WELL COSTS Initial Routing Date:  NE RTW BMM SB, CR, LJH, RMD, SEB, BBJ	390,000 440,000 25,000 115,000 1171,000 \$ 1,171,000 250,866 \$ 4,431,966	\$ 927,000 \$ 927,000 \$ 1,516,648	225,000 135,000 35,000 3,000 173,000 113,000 5,000 250,000 65,000 100,000 1,299,000 \$1,299,000 430,140 \$7,599,140	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 173,000 35,000 75,000 35,000 35,000 35,000 35,000 35,000 76,000 35,000 76,000 35,000 76,000 35,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Ditg Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowline Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment SUBTOTAL - TANGIBLES  SYSTEMS Gas Line Tangibles Gas Plant Tangibles Gas Plant Tangibles Gas Plant Intangibles Dehydrator SUBTOTAL - SYSTEMS  TOTAL TANGIBLE COSTS GENERAL CONTINGENCIES  TOTALS BY PHASE  CUMULATIVE WELL COSTS Initial Routing Date:	390,000 440,000 25,000 115,000 1171,000 \$ 1,171,000 250,866 \$ 4,431,966	\$ 927,000 \$ 927,000 \$ 1,516,648	225,000 135,000 35,000 3,000 173,000 173,000 173,000 5,000 250,000 65,000 100,000 1,299,000  \$ 1,299,000 430,140 \$ 7,599,140	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 173,000 35,000 75,000 35,000 35,000 35,000 35,000 35,000 76,000 35,000 76,000 35,000 76,000 35,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowthe Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment SUBTOTAL - TANGIBLES  SYSTEMS Gas Line Intangibles Gas Line Intangibles Gas Line Intangibles Gas Plant Thangibles Gas Plant Tangibles Ga	390,000 440,000 25,000 115,000 1171,000 \$ 1,171,000 250,866 \$ 4,431,966	\$ 927,000 \$ 927,000 \$ 1,516,648	225,000 135,000 35,000 3,000 173,000 173,000 173,000 5,000 250,000 65,000 100,000 1,299,000  \$ 1,299,000 430,140 \$ 7,599,140	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 173,000 35,000 75,000 35,000 35,000 35,000 35,000 35,000 76,000 35,000 76,000 35,000 76,000 35,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Ditg Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowthe Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment SUBTOTAL - TANGIBLES  SYSTEMS Gas Line Intangibles Gas Line Intangibles Gas Plant Intangibles Compressor Gas Plant Intangibles Gas Plant Intangibles Gas Plant Intangibles Dehydrator SUBTOTAL - SYSTEMS  TOTAL TANGIBLE COSTS  TOTALS BY PHASE  CUMULATIVE WELL COSTS Initial Routing Date:  NE RTW BMM SB, CR, LJH, RMD, SEB, BBJ	390,000 440,000 25,000 115,000 1171,000 \$ 1,171,000 250,866 \$ 4,431,966	\$ 927,000 \$ 927,000 \$ 1,516,648	225,000 135,000 35,000 3,000 173,000 173,000 173,000 5,000 250,000 65,000 100,000 1,299,000  \$ 1,299,000 430,140 \$ 7,599,140	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 173,000 35,000 75,000 35,000 35,000 35,000 35,000 35,000 76,000 35,000 76,000 35,000 76,000 35,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000
2311 2312 2316 2316 2316 2321 2325 2325 2326 2327 2328 2329 2329 2329 2329 2329 2329 2329	TUBULARS Surface Casing (13 3/8" @ 2125') Intermediate Casing (9 5/8" @ 4,650') Drig Liner & Hanger (7-5/8" *600' +11100') Production Casing (5-1/2" x 5" @ TD) Production Liner & Hanger (10,000 - TD) Other Tubulars WELL EQUIPMENT Well Head Flowthe Tubing Rods Pumps Pumping Unit Subsurface Equipment Other Well Equipment LEASE EQUIPMENT Tanks Separators Heater Treater Pumps Electrical System Meters Connectors Lact Equipment Other Lease Equipment Other Lease Equipment SUBTOTAL - TANGIBLES  SYSTEMS Gas Line Intangibles Gas Line Intangibles Gas Line Intangibles Gas Plant Thangibles Gas Plant Tangibles Ga	390,000 440,000 25,000 115,000 1171,000 \$ 1,171,000 250,866 \$ 4,431,966	\$ 927,000 \$ 927,000 \$ 1,516,648	225,000 135,000 35,000 3,000 173,000 173,000 173,000 5,000 250,000 65,000 100,000 1,299,000  \$ 1,299,000 430,140 \$ 7,599,140	390,000 440,000 475,000 137,000 225,000 135,000 143,000 173,000 173,000 35,000 75,000 35,000 35,000 35,000 35,000 35,000 76,000 35,000 76,000 35,000 76,000 35,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000 76,000

DATE:

### BTA OIL PRODUCERS WELL COST ESTIMATE & AUTHORITY FOR EXPENDITURE

Well Name: Location: Capitan 22301 34-3 State Come #13H (PSDL) SHL: 250 FNL & 1300 FWL Sec 34, 16S, 36E FTP: 100 FNL & 660 FWL Sec 34, 16S, 36E LTP: 1420 FSL & 660 FWL Sec 3, 17S, 36E BHL: 1370 FSL & 660 FWL, Sec 3, 17S, 36E

Lea County, NM Formation: Penn Shale

~11,540' TVD ~20,426' MD

Total Depth:

	Lea County, NM			Formation:	Penn Shale
	Date Prepared: 4/14/2023		Prepared By:		
		NE DRY	NE CASED HOLE	TW COMPLETION	TOTAL COSTS
ODE	INTANGIBLE COSTS FORMATION EVALUATION	\$	s	\$	\$
2203	Logs	8,000		20,000	28,000
2204 2205	Cores DST				
2211	LOCATION & ACCESS Survey & Stake	5,000			5,000
2212	Damages	50,000			50,000
2213 2214	Road & Location Other Location	85,000 130,000		100,000	185,000 130,000
2223	DRILLING RIG Mobilization	205,000			205.000
2225	Daywork	938,000	134,000		1,072,000
2226 2227	Footage Turnkey				
2232	DRILLING SUPPLIES Bits	115,000			115,000
2233	BHA	55,000	20.000	65,000	120,000
2234 2236	Fuel Other Supplies	273,000	39,000		312,000
2241	MUD RELATED  Mud Purchase	135,000	5,000		140,000
2242 2244	Mud Renta <b>l</b> Fresh Water	55,000	1,000	700,000	756,000
2245	Brine	45,000		700,000	45,000
2246 2247	Solids Control (Closed Loop) Mud Monitor	42,000 28,000	6,000		48,000 28,000
2249	Mud Related Other	8,000			8,000
2252	DRILLING SERVICES BOP Related	15,000	4,000		19,000
2253 2254	Casing Related Welding	38,000 8,000	95,000 2,000	15,000	133,000 25,000
2255 2256	Trucking	22,500 82,000	10,000 8,000	70,000 400,000	102,500 490,000
2250	Rental Equipment Other Services (Direction/GR Services)	378,000	8,000	400,000	378,000
2261	CEMENT Casing Cementing	115,000	185,000		300,000
2262	Other Cementing	110,000	100,000	150,000	150,000
2266	CONTRACT SERVICES Engineering	8,000			8,000
2267 2268	Geological Roustabout	22,000 6,000		80,000	22,000 86.000
2269	Wellsite Supervision	103,600	14,800	70,000	188,400
2270	Other Contract Services COMPLETION SERVICES	25,000			25,000
2272 2273	Pulling Unit Drilling Rig			20,000	20,000
2276	Perforate			350,000	350,000
2277 2278	Stimulation Other Compl. Services			3,600,000 220,000	3,600,000 220,000
2280	OVERHEAD Drilling & Administrative	10,000		10,000	20,000
	TOTAL INTANGIBLE COSTS	\$ 3,010,100	\$ 503,800	\$ 5,870,000	\$ 9,383,900
	TANGIBLE COSTS				
2311	TUBULARS Surface Casing (13 3/8" @ 2125')	201,000			201,000
2312	Intermediate Casing (9 5/8" @ 4,650')	390,000			390,000
2313 2314	Drig Liner & Hanger (7-5/8" 4600' - 11100') Production Casing (5-1/2" x 5" @ TD)	440,000	875,000		440,000 875,000
2315 2316	Production Liner & Hanger (10,000 - TD) Other Tubulars				
	WELL EQUIPMENT				
2321 2322	Well Head Flowline	25,000	27,000	85,000 225,000	137,000 225,000
2325 2326	Tubing Rods			135,000	135,000
2327	Pumps Pumping Unit				
2328 2329	Pumping Unit Subsurface Equipment			35,000	35,000
2331	Other Well Equipment  LEASE EQUIPMENT	115,000	25,000	3,000	143,000
2361	Tanks			173,000	173,000
2362 2363	Separators Heater Treater			113,000 -	113,000
2364 2365	Pumps Electrical System			5,000 75,000	5,000 75,000
2366	Meters			35,000	35,000 250,000
2367 2368	Connectors Lact Equipment			250,000 65,000	65,000
2369	Other Lease Equipment			100,000	100,000
	SUBTOTAL - TANGIBLES	1,171,000	927,000	1,299,000	3,397,000
	SYSTEMS				
2353 2353	Gas Line Tangibles Gas Line Intangibles				
2381 2382	Compresssor Gas Plant Tangibles				
2382	Gas Plant Intangibles				
2384	Dehydrator				
	SUBTOTAL - SYSTEMS				
	TOTAL TANGIBLE COSTS	\$ 1,171,000	\$ 927,000	\$ 1,299,000	\$ 3,397,000
	GENERAL CONTINGENCIES	250,866	85,848	430,140	766,854
	TOTALS BY PHASE	\$ 4,431,966	\$ 1,516,648	\$ 7,599,140	\$ 13,547,754
					_Ψ 13,547,754
	CUMULATIVE WELL COSTS	\$ 4,431,966	\$ 5,948,614	\$ 13,547,754	
	Initial Routing Date:  NE RTW BMM SB, CR, LJH, RMD, SEB, BBJ				
	Land Approval Block:				
	APPROVED BY:				
	APPROVED B1.				
	COMPANY:				

#### CHRONOLOGY OF CONTACT

Capitan 22301 34-3 State Com #13H

### Oxy USA WTP Limited Partnership

06/26/2023	Sent via Email and Certified USPS Mail (Tracking No. 9214 8969 0099 9790 1826 5534 49) the well proposal to Oxy USA WTP Limited Partnership.
06/28/2023	Oxy's landman confirmed receipt of well proposals via email and requested additional information for their review.
06/29/2023	Provided Oxy's landman with requested additional information. Oxy's landman confirmed receipt.
07/06/2023	Followed up with Oxy's landman to see if they needed any additional information. Received no response.
04/01/2024	Followed up with Oxy's landman and proposed a possible term assignment of Oxy's acreage.
04/02/2024	Oxy's landman confirmed receipt of term assignment proposal and requested some additional information for their review.
04/03/2024	Provided Oxy's landman with requested additional information.
04/04/2024	Oxy's landman confirmed receipt of additional information.
04/25/2024	Emailed Oxy's landman notifying Oxy of our compulsory pooling application and requested an update on BTA's term assignment offer. Oxy's landman confirmed receipt and indicated that they had routed the term assignment for approval and we would have additional feedback soon.
05/13/2024	Followed up with Oxy's landman to see if there was any additional feedback on the term assignment and received no response.
05/21/2024	Followed up with Oxy's landman to see if there was any additional feedback on the term assignment. Oxy's landman indicated that they received management approval to proceed with term assignment. Replied with drafted term assignment for Oxy's review and execution.
05/23/2024	Email correspondence with Oxy approving term assignment for Oxy's legal department to give final approval.

BTA Oil Producers, LLC Case No. 24489 Exhibit A-5 05/29/2024 Received email from Oxy's landman advising that they are still waiting on their final internal approvals.

#### **Slash Exploration Limited Partnership**

- 07/14/2023 Sent via Email the well proposal to Slash Exploration Limited Partnership.
- 07/21/2023 Slash's landman confirmed receipt of well proposals and confirmed the location of the well. Clarified that the well is a 1.75-mile well as opposed to a 2-mile well.
- O5/16/2024 Spoke with Slash's landman about BTA's proposal. Emailed Slash's landman the proposals again along with a draft of the JOA.
- Followed up via email to confirm receipt of the 05/16/2024 email. Slash's landman confirmed receipt.
- Followed up via email. Slash's landman indicated that they are on board with BTA's proposal but have not had a chance to execute the proposal or JOA.

#### Hay Family Trust dated 06/24/2005

- 03/14/2023 Looked up E. L. Mainor on Accurint. Called listed phone number with no answer.
- 03/15/2023 Looked up Norman Hay, Jr. on Accurint. Called listed phone number with no answer. No voicemail option available.
- O3/27/2023 Called Louise Hay at two possible phone numbers no answer and no call back. Called and left message for Christine Goldstein (daughter of Norman and Louise Hay) no call back. Called Brandt Goldstein (Christine's husband) answered and said he would have Christine call back.
- 04/19/2023 Called Brandt Goldstein. Explained that BTA is interested in leasing his wife's family's minerals. Mr. Goldstein said he would talk to his wife and have her call.
- O4/28/2023 Spoke with Christine Goldstein. She said that her family is interested in leasing. She is getting in contact with their attorney to work through Trust Agreement.
- 05/01/2023 Left a message with Ms. Goldstein to discuss leasing.
- O5/04/2023 Spoke with Christine Goldstein. Her attorney has advised her that because of Louise's health, Louise cannot execute a lease on behalf of the Trust or appoint anyone as her successor trustee. That being said, per the Trust Agreement, Frost Bank of Texas is appointed as successor trustee.

06/26/2023 Sent via Certified USPS Mail (Tracking No. 9214 8969 0099 9790 1826 5534 56) the well proposal/lease offer to the Hay Family Trust dated 06/24/2005 at 5901 Mount Rockwood Circle, Waco, Texas 76710. No response received by BTA.

APPLICATION OF BTA OIL PRODUCERS, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

**CASE NO. 24489** 

### SELF-AFFIRMED STATEMENT OF DAVID CHILDERS

- 1. I am a geologist at BTA Oil Producers, LLC ("BTA") and am over 18 years of age. I have personal knowledge of the matters addressed herein and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division") and my credentials as an expert in geologic matters were accepted as a matter of record.
  - 2. I am familiar with the geological matters that pertain to the above-referenced case.
- 3. **Exhibit B-1** is a project location map that shows the location of the proposed Capitan 22301 34-3 State Com #13H well ("Well").
- 4. BTA is targeting the Pennsylvanian Shale Formation. **Exhibit B-2** is a subsea structure map that I prepared for this interval with 100-foot contours. The proposed horizontal well spacing unit is highlighted in red and the initial well is depicted with a black dashed line. Existing producing wells in the Pennsylvanian Shale Formation interval are represented by solid orange lines. The structure map shows the Pennsylvanian Shale Formation. The structure appears consistent across the proposed spacing unit and I do not observe any faulting, pinch outs, or other geologic impediments to drilling horizontal wells in this area.
- 5. **Exhibit B-2** also shows a cross-section line in blue running North to South reflecting three wells penetrating the Pennsylvanian Shale Formation that I used to construct a stratigraphic cross-section

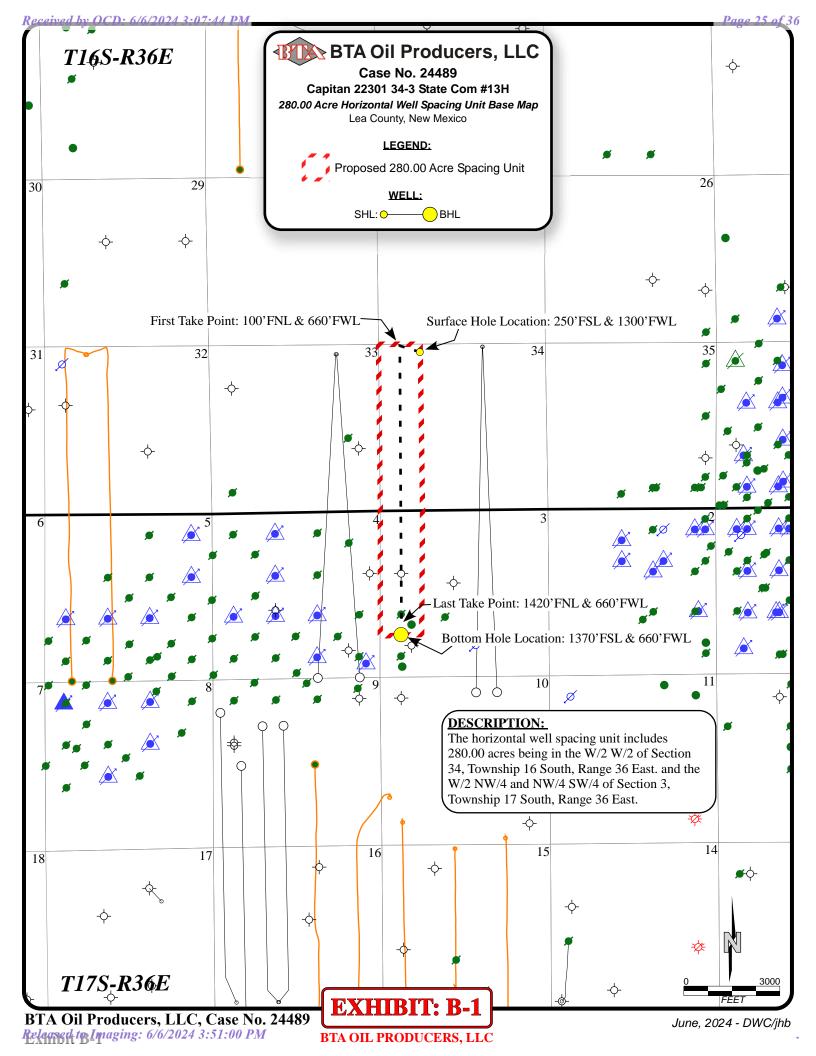
BTA Oil Producers, LLC, Case No. 24489 Exhibit B from A to A'. These wells contain good logs and I consider them representative of the geology in the subject area.

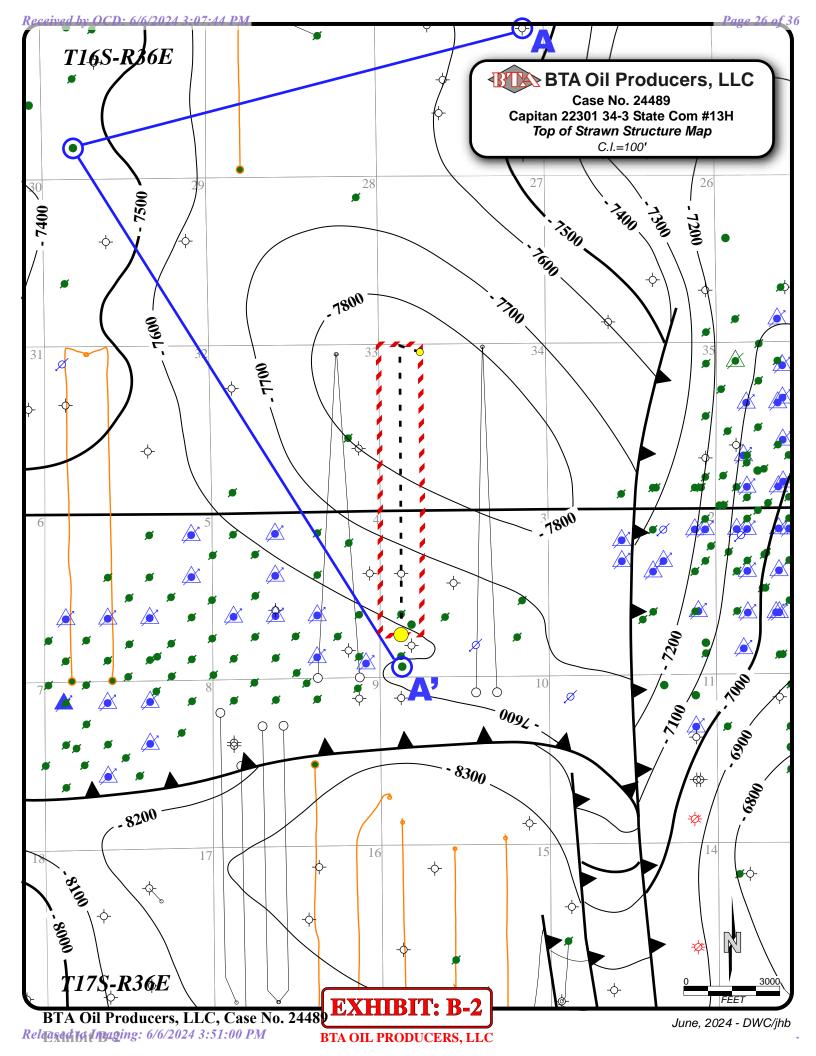
- 6. **Exhibit B-3** is a stratigraphic cross-section that I prepared using the logs from the three wells noted on Exhibit B-2. Each well in the cross-section contains the gamma ray in the first track and porosity curves in the second track. The initial target interval is labeled and marked. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing unit.
- 7. **Exhibit B-4** is a Gross Isopach map of the Pennsylvanian Shale Formation interval. The proposed horizontal well spacing unit is highlighted in red and the initial well is depicted with a black dashed line. Existing producing wells in the Pennsylvanian Shale Formation are represented by solid orange lines. The anticipated gross thickness of the Pennsylvanian Shale Formation interval is 375 to 450 ft. The gross isopach map demonstrates that the Pennsylvanian Shale Formation interval is present across the proposed spacing unit. The location of the previous cross-section from A-A' in Exhibit B-3 is also shown as a blue line on this map.
- In my opinion, a stand-up orientation for the well is appropriate to properly develop the subject acreage because of an established directional pattern.
- 9. Based on my geologic study, the Pennsylvanian Shale Formation underlying the subject area is suitable for development by horizontal wells and the acreage comprising the proposed spacing unit will be productive and contribute proportionately to the production from the well.
- 10. In my opinion, the granting of BTA's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.
- 11. The exhibits attached hereto were either prepared by me or under my supervision or were compiled from company business records.

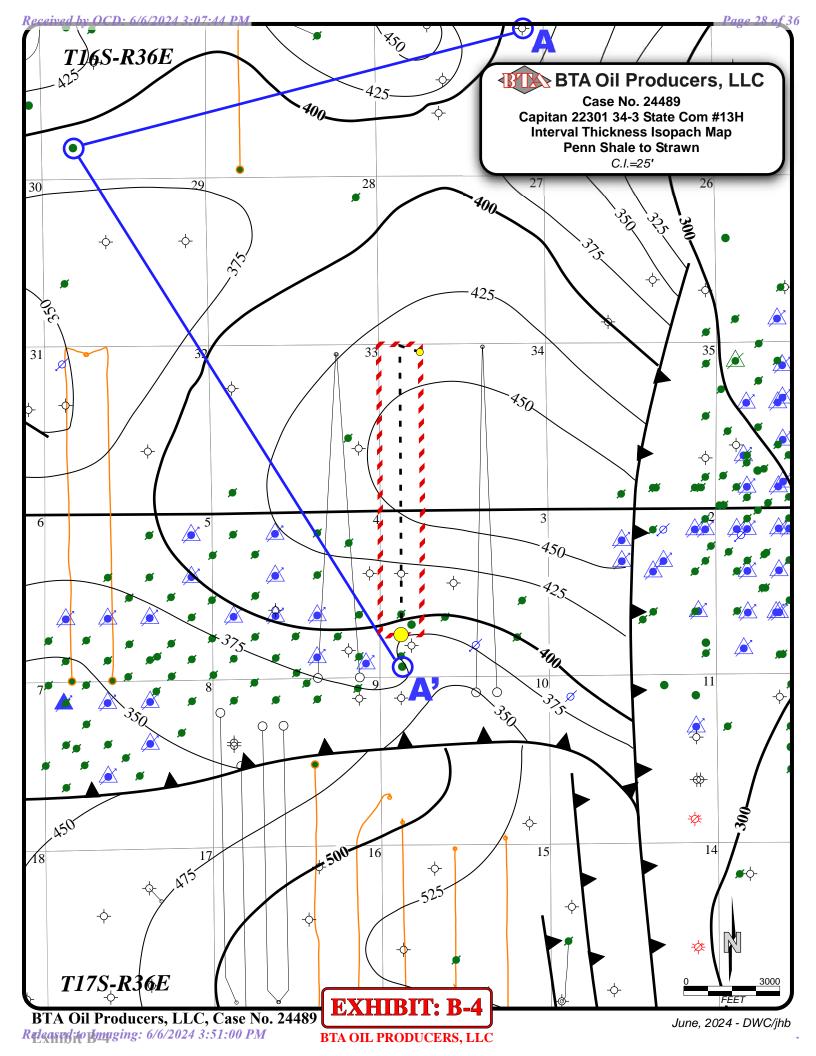
12. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date identified next to my signature below.

David Childers

5/29/2024 Date







APPLICATION OF BTA OIL PRODUCERS, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

Case No. 24489

SELF-AFFIRMED STATEMENT
OF DANA S. HARDY

1. I am attorney in fact and authorized representative of BTA Oil Producers, LLC, the

Applicant herein.

2. I am familiar with the Notice Letter attached as **Exhibit C-1** and caused the Notice

Letter, along with the Application in this case, to be sent to the parties set out in the chart attached

as Exhibit C-2.

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

return was received.

4. Copies of the certified mail green cards and white slips are attached as **Exhibit C-**

3 as supporting documentation for proof of mailing and the information provided on Exhibit C-2.

5. On May 10, 2024, I caused a notice to be published to all interested parties in the

Hobbs News-Sun. An Affidavit of Publication from the Legal Clerk of the Hobbs News-Sun, along

with a copy of the notice publication, is attached as **Exhibit C-4**.

6. I understand this Self-Affirmed Statement will be used as written testimony in the

subject cases. I affirm that my testimony above is true and correct and it made under penalty of

perjury under the laws of the State of New Mexico. My testimony is made as of the date

handwritten next to my signature below.

/s/ Dana S. Hardy

Dana S. Hardy

June 4, 2024

Date

BTA Oil Producers, LLC Case No. 24489 Exhibit C



#### HINKLE SHANOR LLP

ATTORNEYS AT LAW
P.O. BOX 2068
SANTA FE, NEW MEXICO 87504
505-982-4554 (FAX) 505-982-8623

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

May 7, 2024

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

#### TO ALL PARTIES ENTITLED TO NOTICE

Re: Case No. 24489 – Application of BTA Oil Producers, LLC for Compulsory Pooling, Lea County, New Mexico.

To whom it may concern:

This letter is to advise you that the enclosed application was filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **June 13, 2024**, beginning at 8:15 a.m.

The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate virtually, see the instructions posted on the OCD Hearings website: <a href="https://www.emnrd.nm.gov/ocd/hearing-info/">https://www.emnrd.nm.gov/ocd/hearing-info/</a>. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. Mountain Time, on the Thursday preceding the scheduled hearing date. The statement must be submitted through the OCD E-Permitting system (<a href="https://www.apps.emnrd.nm.gov/ocd/ocdpermitting/">https://www.apps.emnrd.nm.gov/ocd/ocdpermitting/</a>) or via e-mail to ocd.hearings@emnrd.nm.gov and should include: the names of the parties and their attorneys, a concise statement of the case, the names of all witnesses the party will call to testify at the hearing, the approximate time the party will need to present its case, and identification of any procedural matters that are to be resolved prior to the hearing.

Please contact Adams Davenport, at BTA Oil Producers, LLC, by phone at 432-682-3753 if you have questions regarding this matter.

Sincerely,

/s/ Dana S. Hardy Dana S. Hardy BTA Oil Producers, LLC Case No. 24489 Exhibit C-1

Enclosure

PO BOX 10 ROSWELL, NEW MEXICO 88202 (575) 622-6510 FAX (575) 623-9332 7601 JEFFERSON ST NE · SUITE 180 ALBUQUERQUE, NEW MEXICO 87109 505-858-8320 (FAX) 505-858-8321 PO BOX 2068 SANTA FE, NEW MEXICO 87504 (505) 982-4554 FAX (505) 982-8623

APPLICATION OF BTA OIL PRODUCERS, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

**CASE NO. 24489** 

#### NOTICE LETTER CHART

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Broughton Petroleum Inc.	05/07/24	05/16/24
Attn: Bill Foran		
1125 N Loop W, Suite #1055		
Houston, TX 77008		
Hay Family Trust dated 06/24/2005	05/07/24	05/14/24
5901 Mount Rockwood Circle		
Waco, Texas 76710		
OXY USA WTP Limited Partnership	05/07/24	05/17/24
Attn: Hannah Eastwood		
1099 18th Street, Suite 700		
Denver, Colorado 80202		
Slash Exploration Limited Partnership	05/07/24	05/13/24
Attn: Kevin Klein		
P.O. Box 1973		
Roswell, NM 88202-1973		

BTA Oil Producers, LLC Case No. 24489 Exhibit C-2





BTA Oil Producers, LLC, Case No. 24489 Exhibit C-3

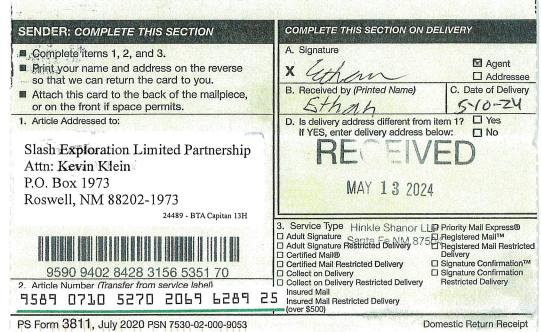












#### Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

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

> Beginning with the issue dated May 10, 2024 and ending with the issue dated May 10, 2024.

Publisher

Sworn and subscribed to before me this 10th day of May 2024.

Business Manager

Mv commission expires

January 29SZAZE OF NEW MEXICO (Seal) NOTARY PUBLIC

GUSSIE RUTH BLACK COMMISSION # 1087526 COMMISSION EXPIRES 01/29/2027

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

LEGAL

LEGAL

May 10, 2024

This is to notify all interested parties, including Broughton Petroleum Inc., Hay Family Trust dated 06/24/2005; OXY USA WTP Limited Partnership; Slash Exploration Limited Partnership; and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by BTA Oil Producers, LLC (Case No. 24489). The hearing will be conducted on June 13, 2024, in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate virtually, see the instructions posted on the OCD Hearings website https://www.emrrd.nm.gov/ocd/hearing-info/ BTA Oil Producers, LLC ("Applicant") seeks an order pooling all uncommitted interests in the Pennsylvanian Shale formation underlying a 279.37-acre, more or less, standard horizontal spacing unit comprised of the W/2 W/2 of Section 34. Township 16 South, Range 36 East, and Lot 4 (NW/4 NW/4 equivalent), SW/4 NW/4, and NW/4 SW/4 of irregular Section 3, Township 17 South, Range 36 East, Lea County, New Mexico ("Unit"). The Unit will be dedicated to the Capitan 22301 34-3 State Com #13H well ("Well"), which will be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 34, Township 17 South, Range 36 East, to a bottom hole location in the NW/4 NW/4 (Unit L) of Section 3, Township 17 South, Range 36 East. The completed interval of the Well will be orthodox. Also to be considered will be the cost of drilling and completing the Well and the allocation of the Cost, the designation of Applicant as operator of the Well, and a 200% charge for the risk involved in drilling and completing the Well. The Well is located approximately 3 miles south of Lovington, New Mexico.

02107475

00290160

GILBERT HINKLE SHANOR LLP PO BOX 2068 SANTA FE, NM 87504

> BTA Oil Producers, LLC Case No. 24489 Exhibit C-4