CASE NO. 23078

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

EXHIBIT LIST

- 1. Application and Proposed Notice
- 2. Landman's Affidavit
- 3. Geologist's Affidavit
- 4. Affidavit of Mailing
- 5. Publication Affidavit
- 6. Pooling Checklist

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

Case No. 23078

APPLICATION

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the N/2 of Section 23 and the N/2 of Section 24, Township 22 South, Range 27 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

- 1. Applicant is an interest owner in the N/2 of Section 23 and the N/2 of Section 24, and has the right to drill a well or wells thereon.
- 2. Applicant proposes to drill the following wells to a depth sufficient to test the Wolfcamp formation:
 - (a) The Tommy Boy 23/24 W0EH Fed. Com. Well No. 1H, with a first take point in the SW/4NW/4 of 23 and a last take point in the SE/4NE/4 of Section 24; and
 - (b) The Tommy Boy 23/24 W0DA Fed. Com. Well No. 1H, with a first take point in the NW/4NW/4 of 23 and a last take point in the NE/4NE/4 of Section 24.

The N/2 of Section 23 and the N/2 of Section 24 will be dedicated to the wells.

- 3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the N/2 of Section 23 and the N/2 of Section 24 for the purposes set forth herein.
- 4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the wells or to otherwise commit their interests to

EXHIBIT 1

the wells, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the Wolfcamp formation underlying the N/2 of Section 23 and the N/2 of Section 24, pursuant to NMSA 1978 §§70-2-17.

5. The pooling of all mineral interest owners in the Wolfcamp formation underlying the N/2 of Section 23 and the N/2 of Section 24 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying the N/2 of Section 23 and the N/2 of Section 24;
- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling, completing, and equipping the wells, and allocating the cost among the wells' working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling, completing, and equipping the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

James Bruce

Post Office Box 1056

Santa Fe, New Mexico 87504

(505) 982-2043

Attorney for Mewbourne Oil Company

Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico. Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the N/2 of Section 23 and the N/2 of Section 24, Township 22 South, Range 27 East, NMPM. The unit will be dedicated to (a) The Tommy Boy 23/24 W0EH Fed. Com. Well No. 1H, with a first take point in the SW/4NW/4 of 23 and a last take point in the SE/4NE/4 of Section 24, and (b) The Tommy Boy 23/24 W0DA Fed. Com. Well No. 1H, with a first take point in the NW/4NW/4 of 23 and a last take point in the NE/4NE/4 of Section 24. Also to be considered will be the cost of drilling, completing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, and equipping the wells. The unit is located approximately 2-1/2 miles north-northeast of Otis, New Mexico.

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

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

Case No. 23078

SELF-AFFIRMED STATEMENT OF BRAD DUNN

Brad Dunn, being duly sworn upon his oath, deposes and states:

- 1. I am a landman for Mewbourne Oil Company ("Mewbourne"), and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.
- 2. Pursuant to Division Rules, the following information is submitted in support of this compulsory pooling application
- 3. The purpose of this application is to force pool a working interest owner into the Wolfcamp horizontal spacing unit described below, and in wells to be drilled in the unit.
- 4. The interest owner being pooled has been contacted regarding the proposed wells, but has failed or refused to voluntarily commit her interest to the wells.
- 5. A plat outlining the unit being pooled is submitted as Attachment A. Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the N/2 of Section 23 and the N/2 of Section 24, Township 22 South, Range 27 East, NMPM. The unit will be dedicated to (a) The Tommy Boy 23/24 W0EH Fed. Com. Well No. 1H, with a first take point in the SW/4NW/4 of 23 and a last take point in the SE/4NE/4 of Section 24, and (b) The Tommy Boy 23/24 W0DA Fed. Com. Well No. 1H, with a first take point in the NW/4NW/4 of 23 and a last take point in the NE/4NE/4 of Section 24. C-102s for the wells are part of Attachment A.
- 6. The tracts in the unit, the leases, and the parties being pooled and her interest, are set forth in Attachment B.
- 7. In order to locate the interest owners, Mewbourne examined the county and federal records, performed internet searches, checked telephone records, and searched Accurint and Whitepages.

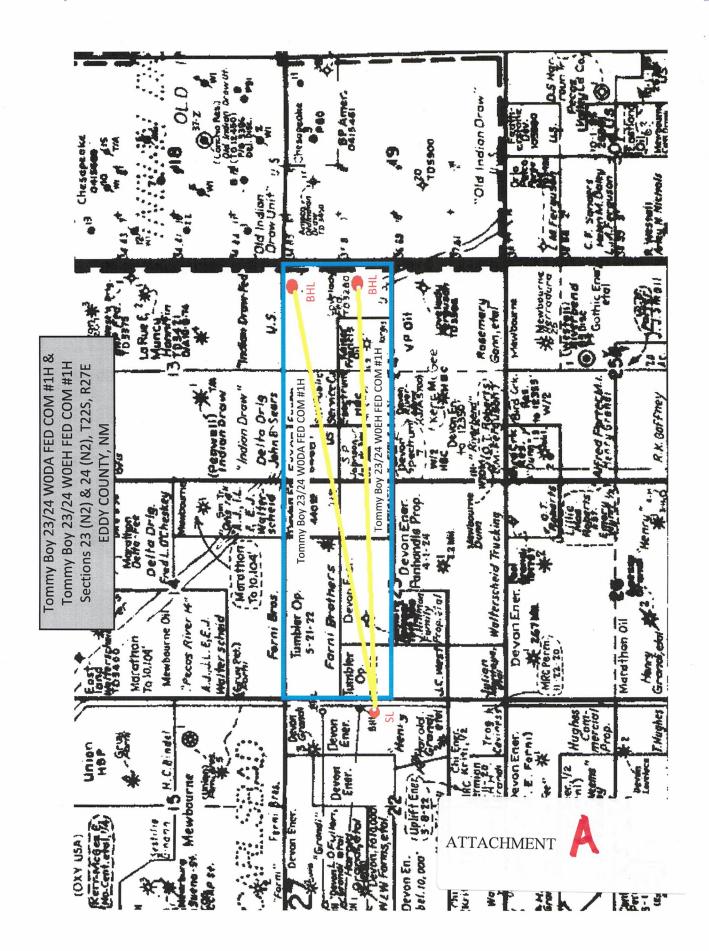
EXHIBIT 2

- 8. Attachment C is a summary of communications and a copy of the proposal letter sent to the interest owner. Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed well, or to locate the interest owners.
- 9. Attachment D contains the Authorizations for Expenditure for the proposed wells. The estimated cost of the wells set forth therein is fair and reasonable, and comparable to the cost of other wells of similar depth and length drilled in this area of Lea County.
- 10. Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/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 portion of Eddy County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- 11. Mewbourne requests that the maximum cost plus 200% risk charge be assessed against a non-consenting working interest owner.
 - 12. Mewbourne requests that it be designated operator of the wells.
- 13. The attachments to this affidavit were prepared by me, or compiled from company business records.
- 14. Granting this application is in the interests of conservation and the prevention of waste.

I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 14 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.

Date: 103/2072

Brad Dunr



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT													
¹ API Number				2 Pool Code 3 Pool Name			ime						
	-												
⁴ Property Cod						poperty Name 6 Well Number 1				Well Number 1H			
				11	JIMIM I		,		FED	COM		0	
7 OGRID N	10.				ME		erator N		ANV			⁹ Elevation 3101	
					IVIE	MBOOKIA	5 01.	L COMI	AIVI				0101
						10 Sur	face	Location					
UL or lot no.	Section	Townsh	ip	Range	Lot Id	n Feet fro	m the	North/So	uth line	Feet From the	East/W	est line	County
H	22	22S 27E 2440 NORTH 580 EAST			EDDY								
	11 Bottom Hole Location If Different From Surface												
UL or lot no.	Section	Townsh	ip	Range	Lot Id	n Feet fro	m the	North/So	uth line	Feet from the	East/W	est line	County
A	24	22S	2	27E	-	400)	NOR	ГН	330	EAS	ST	EDDY
12 Dedicated Acres	13 Joint	or Infill	14 Con	solidation	Code	15 Order No.							

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

16				
16	GEODETIC DATA NAD 83 GRID — NM EAST SURFACE LOCATION N: 501626.0 — E: 591549.9 LAT: 32.3789341* N LONG: 104.1706792* W GEODETIC DATA NAD 83 GRID — NM EAST BOTTOM HOLE N: 503655.9 — E: 586469.2 LAT: 32.3844640* N LONG: 104.1356184* W	CORNER DATA NAD 83 GRID — NM EAST A: FOUND COTTON SPINDLE N 498664.1 — E 586815.6 B: FOUND 1/2" REBAR N 501324.2 — E 586807.0 C: FOUND ALUMINUM CAP "8510" N 503984.3 — E 586797.8 D: FOUND 1/2" REBAR N 504029.0 — E 589473.6 E: FOUND COTTON SPINDLE N 504073.7 — E 592149.6 F: CALCULATED CORNER N 504077.7 — E 594725.4 G: FOUND BRASS CAP "1916" N 504054.4 — E 602698.6 H: FOUND BRASS CAP "1943" N 501392.4 — E 602705.4 I: CALCULATED CORNER N: 498738.4 — E: 602695.4	J: FOUND COTTON SPINDLE N 498808.9 - E 597511.8 K: FOUND 1/2" REBAR N 498779.4 - E 594771.2 L: FOUND 1/2" REBAR N 498726.7 - E 592104.6 M: FOUND 3/4" REBAR N 498695.4 - 589460.0 N: FOUND 1/2" REBAR N 501401.6 - E 592127.8 O: FOUND 1/2" IRON PIPE N 501449.6 - E 597426.6	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Date Printed Name E-mail Address 18 SURVEYOR CERTIFICATION 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
5 8	9'02'31" W 2676.89' S 89'02'33" W 2676.98'	S 89'57'26" W 5277.05'	N 89'44'48" W 5274.46'	same is true and correct to the best of my belief.
	S.L. (8)	\$\$\text{\$\exititt{\$\text{\$\exititt{\$\text{\$\e	400' B.L. 330' B.L.	O8-21-2020 Date of Survey Signature and Seal of Processing Survey 19680 Certificate Number Job No.: LS20080375

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Phone: (375) 393-6161 Fax: (575) 393-0720
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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

3101

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 2 Pool Code 3 Pool Name

4 Property Code TOMMY BOY 23/24 WOEH FED COM 1H

7 OGRID NO. 8 Operator Name 9 Elevation

¹⁰ Surface Location UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet From the East/West line County 22 **22S** 27E 2440 NORTH 550 EAST **EDDY** H ¹¹ Bottom Hole Location If Different From Surface UL or lot no. Section Range Lot Idn Feet from the North/South line Feet from the East/West line Township County

MEWBOURNE OIL COMPANY

 H
 24
 22S
 27E
 1900
 NORTH
 330
 EAST
 EDDY

 12 Dedicated Acres
 13 Joint or Infill
 14 Consolidation Code
 15 Order No.
 15 Order No.

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

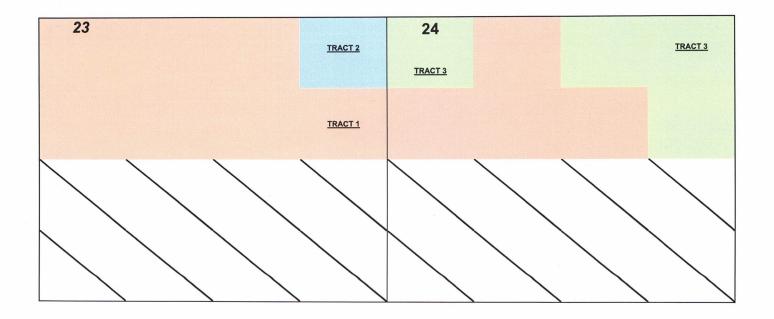
16			
GEODETIC DATA NAD 83 GRID — NM EAST SURFACE LOCATION N: 501626.4 — E: 591579.9 LAT: 32.37889352* N LONG: 104.1705821* W	CORNER DATA NAD 83 GRID — NM EAST A: FOUND COTTON SPINDLE N 498664.1 — E 586815.6 B: FOUND 1/2" REBAR N 501324.2 — E 586807.0 C: FOUND ALUMINUM CAP "8510" N 503984.3 — E 586797.8 D: FOUND 1/2" REBAR	J: FOUND COTTON SPINDLE N 498808.9 - E 597511.8 K: FOUND 1/2" REBAR N 498779.4 - E 594771.2 L: FOUND 1/2" REBAR N 498726.7 - E 592104.6 M: FOUND 3/4" REBAR N 498695.4 - 589460.0 N: FOUND 1/2" REBAR	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
<u>GEODETIC DATA</u> NAD 83 GRID — NM EAST	N 504029.0 – E 589473.6 E: FOUND COTTON SPINDLE N 504073.7 – E 592149.6	N 501401.6 - E 592127.8 O: FOUND 1/2" IRON PIPE N 501449.6 - E 597426.6	Signature Date Printed Name
<u>BOTTOM HOLE</u> N: 502156.3 — E: 602373.5 LAT: 32.3803417 N LONG: 104.1356149 W	F: CALCULATED CORNER N 504077.7 - E 594725.4 G: FOUND BRASS CAP "1916" N 504054.4 - E 602698.6		E-mail Address
	H: FOUND BRASS CAP "1943" N 501392.4 - E 602705.4		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys
S 89'02'31" W 2676.89' S 89'02'33" W 2676.98'	I: CALCULATED CORNER N: 498738.4 — E: 602695.4 S 89'57'26" W 5277.05'	n 89°44'48° w 5274.46' ©	made by me or under my supervision, and that the same is true and correct to the best of my belief.
7440,	3 (5 2022.89)	1900,	8 08-21-2020 Date of Survey
<u>□</u> S.L. <u>N</u>	88200 N 23	B.L. 7	Signature and Seal of Professional Surveyor
	023 44° E 280'S.6.		19680 Certificate Number
S 89:19'17" W 2645.19' S 89:19'26" W 2645.44'	88	N 88.13,12 M 2182.33,	Job No.: LS20080376

SECTION PLAT

North half (N/2) of Section 23, Township 22 South, Range 27 East

North half (N/2) of Section 24, Township 22 South, Range 27 East

County of Eddy, State of New Mexico



<u>Tract 1:</u> N2 SEC. 23, S&E NE4NE4; SW4NE4 & NW4 SEC. 24 S&E NW4NW4—MULTIPLE FEE LEASES

Mewbourne Oil Company, et al

Joy M. Magby

<u>Tract 2:</u> NE4NE4 SEC. 23—FEDERAL LEASE NO. NM 097869

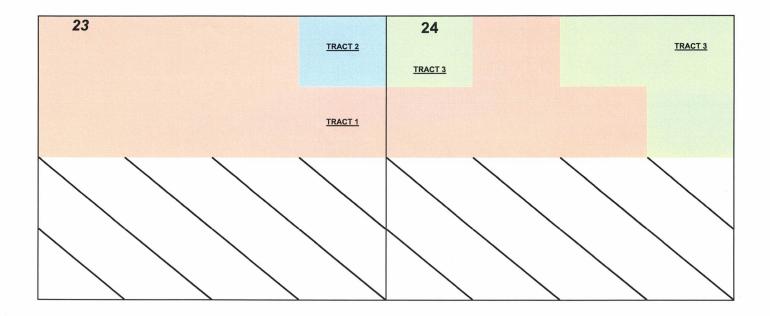
Mewbourne Oil Company, et al

<u>Tract 3:</u> NW4NW4, N2NE4, & SE4NE4 SEC. 24 SEC. 24— FEDERAL LEASE NO. NM 064587 Mewbourne Oil Company, et al



RECAPITUALTION FOR TOMMY BOY 23/24 W0DA FED COM #1H & TOMMY BOY 23/24 W0EH FED COM #1H

Tract Number	Number of Acres Committed	Percentage of Interest In Communitized Area		
1	440.00	68.750000%		
2	40.00	6.250000%		
3	160.00	25.000000%		
TOTAL	640.00	100.000000%		



TRACT OWNERSHIP

Tommy Boy 23/24 W0DA Fed Com #1H & Tommy Boy 23/24 W0EH Fed Com #1H Sections 23 (N/2) & 24 (N/2), T22S, R27E Eddy County, New Mexico

Sections 23 (N/2) & 24 (N/2): Wolfcamp formation:

% Leasehold Interest

Mewbourne Oil Company, et al 500 West Texas, Ste. 1020

Midland, Texas 79701

99.944196%

* Joy M. Magby 81 Kelly Road

Carlsbad, NM 88220-8943

0.055804%

100.000000%

OWNERSHIP BY TRACT

SW4NW4 & NW4SW4 Section 23

Mewbourne Oil Company, et al 500 West Texas, Ste. 1020 Midland, Texas 79701 99.107143%

* Joy M. Magby

81 Kelly Road

Carlsbad, NM 88220-8943

0.892857%

100.000000%

N/2 SECTION 24 & N2 Section 23 Save & Except the SW4NW4 & NW4SW4

Mewbourne Oil Company, et al 500 West Texas, Ste. 1020 Midland, Texas 79701

100.000000%

100.000000%

^{*} Total interest being pooled: 0.055804%

Summary of Communications

Tommy Boy 23/24 W0DA Fed Com #1H & Tommy Boy 23/24 W0EH Fed Com #1H

Joy M. Magby

- 1) 8/11/2022: Well proposal letter with AFEs are sent via certified mail.
- 2) 8/13/2022: Confirmed certified mail delivery of well proposal packet to recipient
- 3) 9/26/2022: Extensive internet search found 2 phone numbers. Both numbers look to be bad numbers. Called both and had no success with getting a hold of Joy Magby.

ATTACHMENT C

MEWBOURNE OIL COMPANY

FASKEN CENTER
500 WEST TEXAS, SUITE 1020
MIDLAND, TX 79701

TELEPHONE (432) 682-3715

August 11, 2022

Via Certified Mail

Joy M. Magby 81 Kelly Road Carlsbad, NM 88220-8943

Re: Proposed Horizontal Wolfcamp Wells
Tommy Boy 23/24 W0DA Fed Com #1H
Tommy Boy 23/24 W0EH Fed Com #1H
All of Section 23, T22S-R27E
All of Section 24, T22S-R27E
Eddy County, New Mexico

Ms. Magby:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 1280.0 acre Working Interest Unit ("WIU") covering the All of the above captioned sections 23 and 24 for oil and gas production. The targeted interval for the proposed unit is the Wolfcamp Formation. Mewbourne as Operator hereby proposes to drill the following horizontal Wolfcamp wells:

- 1. Tommy Boy 23/24 W0DA Fed Com #1H will have a surface location 2440' FNL & 580' FEL in Section 22, T22S, R27E and a bottom hole location approximately 400' FNL & 330' FEL in the above captioned Section 24. We anticipate drilling to an approximate total vertical depth of 9,320' and an approximate total measured depth of 19,520'. The N2 of Section 23 and the N2 of Section 24 will be dedicated to the well as the proration unit.
- 2. Tommy Boy 23/24 W0EH Fed Com #1H will have a surface location 2440' FNL & 550' FEL in Section 22, T22S, R27E and a bottom hole location approximately 1900' FNL & 330' FEL in the above captioned Section 24. We anticipate drilling to an approximate total vertical depth of 9,320' and an approximate total measured depth of 19,260'. The N2 of Section 23 and the N2 of Section 24 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling are our AFE's dated August 10, 2022 for the captioned proposed wells. In the event your firm elects to participate in the proposed wells, please execute the enclosed AFE's and return them to me within thirty (30) days.

Our proposed Operating Agreement will have COPAS rates of \$8,000/month while drilling, \$800/month for a producing well, and a non-consent penalty of 100%/300%. Should you wish to participate, please email me at bdunn@mewbourne.com and I will promptly email you a copy of the Hot Shots 33 Operating Agreement dated November 5, 2020, for your review.

Should you have any questions regarding the above, please email me at bdunn@mewbourne.com or call me at (432) 682-3715. Thank you.

Sincerely,

MEWBOURNE OIL COMPANY

Brad Dunn

Petroleum Landman

MEWBOURNE OIL COMPANY

Well Name: TOMMY BOY 23/24 W0DA FED COM #1H	AH AISE	The same of the sa	MMY BOY (DVN	I)	
Location: SL: 2440 FNL & 580 FEL (22); BHL: 400 FNL & 330 FEL (24)	No. of Contrast	ounty: Edd			ST: NM
Sec. 23 Blk: Survey: TWP:	228	RNG:	Prop. TVI	9320	TMD: 19520
INTANGIBLE COSTS 0180		CODE	TCP	CODE	СС
Regulatory Permits & Surveys Location / Road / Site / Preparation		0180-0100 0180-0105		0180-0200 0180-0205	\$50,000
Location / Restoration	_	0180-0105		0180-0206	\$12,500
Daywork / Turnkey / Footage Drilling 20 days drlg / 3 days comp @ \$26000/d		0180-0110		0180-0210	\$83,300
Fuel 1700 gal/day @ \$4.7/gal		0180-0114	\$170,700	0180-0214	\$371,300
Alternate Fuels		0180-0115	400.000	0180-0215	\$118,200
Mud, Chemical & Additives Mud - Specialized	_	0180-0120 0180-0121		0180-0220 0180-0221	
Horizontal Drillout Services		0100-0121	\$200,000	0180-0222	\$200,000
Stimulation Toe Preparation				0180-0223	\$40,000
Cementing		0180-0125		0180-0225	\$50,000
Logging & Wireline Services		0180-0130		0180-0230	\$578,100
Casing / Tubing / Snubbing Services Mud Logging		0180-0134 0180-0137	\$35,000	0180-0234	\$15,000
Stimulation 79 Stg 24.8 MM gal / 24.8 MM lb		0100-0101	ψου,οσο	0180-0241	\$3,087,100
Stimulation Rentals & Other				0180-0242	\$315,000
Water & Other 589,000 bbls 15%PW@\$0.20/bbls f/ Aries	s & 85°	0180-0145		0180-0245	\$568,400
Bits	Jr.	0180-0148		0180-0248	\$5,000
Inspection & Repair Services Misc. Air & Pumping Services		0180-0150 0180-0154	\$50,000	0180-0250 0180-0254	\$5,000 \$10,000
Testing & Flowback Services		0180-0154	\$12.000	0180-0254	\$24,000
Completion / Workover Rig			, =,530	0180-0260	\$10,500
Rig Mobilization		0180-0164	\$120,000		
Transportation		0180-0165		0180-0265	\$30,000
Welding, Construction & Maint. Services Contract Services & Supervision	_	0180-0168 0180-0170		0180-0268 0180-0270	\$15,000 \$57,000
Directional Services Supervision Includes Vertical Control	_	0180-0170	\$289,000	0100-0270	φ57,000
Equipment Rental		0180-0180		0180-0280	\$30,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185		0180-0285	
Intangible Supplies		0180-0188		0180-0288	\$1,000
Damages Pipeline Interconnect, ROW Easements		0180-0190 0180-0192	\$80,000	0180-0290 0180-0292	\$10,000 \$5,000
Company Supervision		0180-0192	\$120,000		\$62,400
Overhead Fixed Rate		0180-0196		0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)		0180-0199	\$123,800	0180-0299	\$288,700
To	DTAL		\$2,600,300		\$6,062,500
TANGIBLE COSTS 0181					
Casing (19.1" – 30")		0181-0793	450,000		
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft		0181-0794	\$53,000 \$126, 7 00		
Casing (19.1" – 30") Casing (10.1" – 19.0") Casing (8.1" – 10.0") Casing (8.1" – 10.0") Casing (8.1" – 10.0") Casing (8.1" – 10.0")		0181-0794 0181-0795	\$126,700		
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft		0181-0794		0181-0797	\$345,800
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft		0181-0794 0181-0795	\$126,700 \$483,000	0181-0797 0181-0798	\$345,800 \$118,000
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing Drilling Head		0181-0794 0181-0795	\$126,700	0181-0798	\$118,000
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing Drilling Head Tubing Head & Upper Section		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870	\$118,000 \$30,000
Casing (19.1" – 30") Casing (10.1" – 19.0") Casing (8.1" – 10.0") Casing (8.1" – 10.0") Casing (8.1" – 8.0") B700' - 7" 29# HPP110 BT&C @ \$60.83/ft Casing (4.1" – 6.0") Tubing Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Casing (4.1" – 6.0") Cosing (4.1" – 6.0") Tubing Head & Upper Section Completion Liner Hanger		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0871	\$118,000 \$30,000 \$50,000
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing Drilling Head Tubing Head & Upper Section		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0871 0181-0880	\$118,000 \$30,000
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Tubing Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0871 0181-0880 0181-0885 0181-0886	\$118,000 \$30,000 \$50,000 \$25,000
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Tools Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 OT / 5 WT / 1 GB		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0871 0181-0880 0181-0885 0181-0886 0181-0890	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500
Casing (19.1" – 30") Casing (10.1" – 19.0") Casing (8.1" – 10.0") Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing Brilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 OT / 5 WT / 1 GB Emissions Control Equipment 650' - 2 78" 6.5# L-80 IPC Tbg @ \$13/ft Completion Liner Hanger Service Pumps TP/CP/Circ pump Storage Tanks 6 OT / 5 WT / 1 GB		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0871 0181-0880 0181-0885 0181-0896 0181-0890 0181-0892	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300
Casing (19.1" – 30") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$80.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.4" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 OT/5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment 2 H sep / 1 V sep / 2 VHT		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0871 0181-0880 0181-0885 0181-0896 0181-0890 0181-0892 0181-0895	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300
Casing (19.1" – 30") Casing (10.1" – 19.0") Casing (8.1" – 10.0") Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing Brilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 OT / 5 WT / 1 GB Emissions Control Equipment 650' - 2 78" 6.5# L-80 IPC Tbg @ \$13/ft Completion Liner Hanger Service Pumps TP/CP/Circ pump Storage Tanks 6 OT / 5 WT / 1 GB		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0871 0181-0880 0181-0885 0181-0896 0181-0890 0181-0892	\$118,000 \$30,000 \$50,000
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Tubing Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 0T / 5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment Automation Metering Equipment Line Pipe & Valves - Gathering Facility Gas Work + GL Injection Fittings / Valves & Accessories Flowline & parts		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0871 0181-0880 0181-0885 0181-0896 0181-0899 0181-0899 0181-0898	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600
Casing (19.1" – 30") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 1950' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 OT / 5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment 2 H sep / 1 V sep / 2 VHT Automation Metering Equipment Automation/Fiber/Meters Line Pipe & Valves - Gathering Facility Gas Work + GL Injection Fittings / Valves & Accessories Flowline & parts		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0870 0181-0880 0181-0885 0181-0896 0181-0892 0181-0895 0181-0898 0181-0900 0181-0900 0181-0900	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100
Casing (19.1" – 30") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$80.83/ft Casing (8.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 0T/5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment 2 H sep / 1 V sep / 2 VHT Automation Metering Equipment Automation/Fiber/Meters Line Pipe & Valves & Accessories Facility Gas Work + GL Injection Fittings / Valves & Accessories Flowline & parts Cathodic Protection Electrical Installation		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0887 0181-0880 0181-0885 0181-0892 0181-0892 0181-0892 0181-0998 0181-0908 0181-0908 0181-0908	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$226,200
Casing (19.1" − 30") Casing (10.1" − 19.0") 650' − 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" − 10.0") 1950' − 9 5/8" 40# HCL80 LT&C @ \$50.83/ft Casing (6.1" − 8.0") 8700' − 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" − 6.0") 11020' − 4 1/2" 13.5# HCP−110 CDC−HTQ @ \$29.38/ft Tubing 8500' − 2 7/8" 6.5# L−80 IPC Tbg @ \$13/ft Drilling Head Tubing Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 OT / 5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Automation Metering Equipment 2 H sep / 1 V sep / 2 VHT Automation Metering Equipment Line Pipe & Valves - Gathering Facility Gas Work + GL Injection Fittings / Valves & Accessories Cathodic Protection Electrical Installation Equipment Installation		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0871 0181-0885 0181-0885 0181-0890 0181-0892 0181-0990 0181-0990 0181-0990 0181-0990 0181-0908	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$1153,300 \$88,600 \$64,300 \$29,100 \$126,200
Casing (19.1" – 30") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$50.83/ft Casing (8.1" – 10.0") 1950' - 9 7/29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 0T / 5 WT / 1 GB Emissions Control Equipment 2 NRT / 1 NRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment 2 H sep / 1 V sep / 2 VHT Automation Metering Equipment Automation/Fiber/Meters Line Pipe & Valves & Accessories Facility Gas Work + GL Injection Fittings / Valves & Accessories Flowline & parts Cathodic Protection Electrical Installation		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0887 0181-0880 0181-0885 0181-0892 0181-0892 0181-0892 0181-0998 0181-0908 0181-0908 0181-0908	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$226,200
Casing (19.1" − 30") Casing (10.1" − 19.0") 650' − 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" − 10.0") 1950' − 9 5/8" 40# HCL80 LT&C @ \$50.83/ft Casing (6.1" − 8.0") 8700' − 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" − 6.0") 11020' − 4 1/2" 13.5# HCP−110 CDC−HTQ @ \$29.38/ft Tubing 8500' − 2 7/8" 6.5# L−80 IPC Tbg @ \$13/ft Drilling Head Tubing Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 OT / 5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Automation Metering Equipment 2 H sep / 1 V sep / 2 VHT Automation Metering Equipment Line Pipe & Valves - Gathering Facility Gas Work + GL Injection Fittings / Valves & Accessories Cathodic Protection Electrical Installation Equipment Installation		0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0871 0181-0885 0181-0885 0181-0890 0181-0892 0181-0990 0181-0990 0181-0990 0181-0990 0181-0908	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$29,100 \$226,200 \$192,800 \$108,000
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Tubing Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 0T / 5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment Automation Metering Equipment Automation Metering Equipment Line Pipe & Valves - Gathering Facility Gas Work + GL Injection Fittings / Valves & Accessories Cathodic Protection Electrical Installation Pipeline Construction Facility Gas Work + GL Injection	DITAL	0181-0794 0181-0795 0181-0796	\$126,700 \$483,000	0181-0798 0181-0870 0181-0871 0181-0885 0181-0885 0181-0890 0181-0892 0181-0990 0181-0990 0181-0990 0181-0990 0181-0908	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$226,200 \$1192,800 \$108,000 \$14,500
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Tubing Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 0T / 5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment Automation Metering Equipment Automation Metering Equipment Line Pipe & Valves - Gathering Facility Gas Work + GL Injection Fittings / Valves & Accessories Cathodic Protection Electrical Installation Pipeline Construction Facility Gas Work + GL Injection	AATC	0181-0794 0181-0795 0181-0796	\$126,700 \$483,000 \$35,000 \$35,700	0181-0798 0181-0870 0181-0871 0181-0885 0181-0885 0181-0890 0181-0892 0181-0990 0181-0990 0181-0990 0181-0990 0181-0908	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$226,200 \$192,800 \$108,000 \$14,500
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$50.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Drilling Head Tubing Head Tubing Head Tubing Head Tubing Head Tubing Head Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 0T / 5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment 2 H sep / 1 V sep / 2 VHT Automation Metering Equipment Automation/Fiber/Meters Line Pipe & Valves - Gathering Facility Gas Work + GL Injection Fictings / Valves & Accessories Cathodic Protection Electrical Installation Pipeline Construction Facility Gas Work + GL Injection Facility Gas Work + GL Injection	DTAL	0181-0794 0181-0795 0181-0796	\$126,700 \$483,000 \$35,000 \$35,000 \$697,700 \$3,298,000	0181-0798 0181-0870 0181-0880 0181-0885 0181-0886 0181-0892 0181-0892 0181-0990 0181-0990 0181-0990 0181-0900 0181-0908 0181-0900 0181-0900	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$226,200 \$1192,800 \$108,000 \$14,500
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Tubing Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip, & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 0T / 5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment Automation Metering Equipment 2 H sep / 1 V sep / 2 VHT Automation Metering Equipment Facility Gas Work + GL Injection Fittings / Valves & Accessories Cathodic Protection Electrical Installation Equipment Installation Fipeline Construction Facility Gas Work + GL Injection	DTAL	0181-0794 0181-0795 0181-0796	\$126,700 \$483,000 \$35,000 \$35,000 \$697,700 \$3,298,000	0181-0798 0181-0870 0181-0871 0181-0885 0181-0885 0181-0890 0181-0892 0181-0990 0181-0990 0181-0990 0181-0990 0181-0908	\$118,000 \$30,000 \$50,000 \$25,000 \$11,500 \$13,300 \$88,600 \$29,100 \$226,200 \$192,800 \$108,000 \$14,500
Casing (19.1" – 30") Casing (10.1" – 19.0") Casing (8.1" – 10.0") Casing (8.1" – 10.0") Casing (6.1" – 8.0") Casing (6.1" – 8.0") Casing (6.4" – 6.0") Tubing Below (19.1" – 6.0") Tubing Completion Tools Completion Liner Hanger Completion Liner Hanger Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks Got/15 Wt/1 GB Emissions Control Equipment Automation / Treating Equipment Automation / Treating Equipment Automation Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Electrical Installation Equipment Installation Equipment Installation Equipment Installation Equipment Construction Facility Gas Work + GL Injection Facility Gas Work + GL Injection Total WELL Co Extra Expense Insurance	DTAL	0181-0794 0181-0795 0181-0796	\$126,700 \$483,000 \$35,000 \$35,700 \$697,700 \$3,298,000 \$11,0	0181-0798 0181-0870 0181-0870 0181-0885 0181-0886 0181-0892 0181-0895 0181-0898 0181-0990 0181-0990 0181-0990 0181-0900 0181-0900	\$118,000 \$30,000 \$50,000 \$25,000 \$11,500 \$13,300 \$88,600 \$29,100 \$226,200 \$192,800 \$108,000 \$14,500
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$50.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 0T / 5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / West of the first of	DTAL	0181-0794 0181-0795 0181-0796	\$126,700 \$483,000 \$35,000 \$35,700 \$697,700 \$3,298,000 \$11,0	0181-0798 0181-0870 0181-0870 0181-0885 0181-0886 0181-0892 0181-0895 0181-0898 0181-0990 0181-0990 0181-0990 0181-0900 0181-0900	\$118,000 \$30,000 \$50,000 \$25,000 \$11,500 \$13,300 \$88,600 \$29,100 \$226,200 \$192,800 \$108,000 \$14,500
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$50.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 0T / 5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment 2 H sep / 1 V sep / 2 VHT Automation Metering Equipment Automation/Fiber/Meters Line Pipe & Valves - Gathering Facility Gas Work + GL Injection Flittings / Valves & Accessories Flowline & parts Cathodic Protection Electrical Installation Equipment Installation Pipeline Construction Facility Gas Work + GL Injection TOTAL WELL CO Extra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my properation working interest womer elects to be covered by Coperator Sextra Expense Insurance policy. If neither box is checked above, non-operating working interest womer elects to be covered to the covered by Coperator Sextra Expense Insurance policy. If neither box is checked above, non-operating working interest womer elects to be covered to the covered by Coperator Sextra Expense Insurance and pay my properating working interest womer elects to be covered to the covered by Coperator Sextra Expense Insurance and pay my properating working interest womer elects to be covered to the covered by Coperator Sextra Expense Insurance Policy. If neither box is checked above, non-operating working interest womer elects to be covered by Coperator Sextra Expense Insurance Covering Costs of well control, clean up at Lect to purchase my convenience working interest womer elects to be covered by Coperator Sextra Expense Insurance Covering Costs of w	DTAL ST	0181-0794 0181-0795 0181-0796 0181-0860	\$126,700 \$483,000 \$35,000 \$35,000 \$697,700 \$3,298,000 \$11,0	0181-0798 0181-0870 0181-0870 0181-0880 0181-0885 0181-0890 0181-0995 0181-0990 0181-0990 0181-0990 0181-0990 0181-0990 0181-0990	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$126,200 \$192,800 \$14,500 \$14,500
Casing (19.1" – 30") Casing (10.1" – 19.0") Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (6.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 0 T / 5 W T / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment Automation Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Electrical Installation Equipment Installation Equipment Installation Pipeline Construction Facility Gas Work + GL Injection TOTAL WELL CO Extra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my operator has secured Extra Expense Insurance covering costs of well control, clean up at lelect to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest owner elects to be covered Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate, C	DTAL ST	0181-0794 0181-0795 0181-0796 0181-0860	\$126,700 \$483,000 \$35,000 \$35,000 \$697,700 \$3,298,000 \$11,0	0181-0798 0181-0870 0181-0870 0181-0880 0181-0885 0181-0890 0181-0995 0181-0990 0181-0990 0181-0990 0181-0990 0181-0990 0181-0990	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$126,200 \$114,500 \$14,500 \$7,735,600
Casing (19.1" – 30") Casing (10.1" – 19.0") Casing (8.1" – 10.0") Casing (8.1" – 10.0") Casing (6.1" – 8.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft Casing (6.1" – 8.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 0 T / 5 W T / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment Automation Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Electrical Installation Equipment Installation Equipment Installation Pipeline Construction Facility Gas Work + GL Injection TOTAL WELL CO Extra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my operator has secured Extra Expense Insurance covering costs of well control, clean up at leact to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest owner elects to be covered conditions.	DTAL ST eroporti dr defilli	0181-0794 0181-0795 0181-0796 0181-0860 0181-0860	\$126,700 \$483,000 \$35,000 \$35,000 \$697,700 \$3,298,000 \$11,0 e of the premium ted in Line Item 018to oright to adjust the rate	0181-0798 0181-0870 0181-0870 0181-0880 0181-0885 0181-0890 0181-0995 0181-0990 0181-0990 0181-0990 0181-0990 0181-0990 0181-0990	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$126,200 \$114,500 \$14,500 \$7,735,600
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Casing (19.1" – 30") Casing (10.1" – 19.0") Casing (8.1" – 10.0") Casing (8.1" – 10.0") Casing (6.1" – 8.0") Casing (6.1" – 8.0") Casing (6.1" – 8.0") Casing (6.1" – 8.0") Tubing Casing (4.1" – 6.0") Tubing Casing (6.1" – 8.0") Tubing Casing (6.1" – 8.0") Tubing Casing (6.1" – 8.0") Experiment Casing (6.1" – 8.0") Tubing Casing (6.1" – 8.0") Tubing Casing (6.1" – 8.0") Experiment Casing (6.1" – 8.0") Telegia	DTAL ST eroporti dr defilli	0181-0794 0181-0795 0181-0796 0181-0860 0181-0860	\$126,700 \$483,000 \$35,000 \$35,000 \$697,700 \$3,298,000 \$11,0 e of the premium ted in Line Item 018to oright to adjust the rate	0181-0798 0181-0870 0181-0870 0181-0880 0181-0885 0181-0890 0181-0995 0181-0990 0181-0990 0181-0990 0181-0990 0181-0990 0181-0990	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$126,200 \$192,800 \$14,500 \$14,500
Casing (19.1" – 30") Casing (10.1" – 19.0") Casing (8.1" – 10.0") Casing (8.1" – 10.0") Casing (6.1" – 8.0") Casing (6.1" – 8.0") Casing (6.1" – 8.0") R700' - 7" 29# HPP110 BT&C @ \$50.83/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing R500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Tubing Head Tubing Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment Automation Metering Equipment Line Pipe & Valves - Gathering Facility Gas Work + GL Injection Fittings / Valves & Accessories Flowline & parts Cathodic Protection Electrical Installation Equipment Installation Equipment Installation Fipeline Construction Facility Gas Work + GL Injection Facility Gas Work + GL Injection TOTAL WELL CO Extra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my poperator has secured Extra Expense Insurance covering costs of well control, clean up at leter to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest owner elects to be covered Joint owner agrees that Item 0180-0245 will be provided by operator, if available, at the specified rate. Conditions. Prepared by: Ryan McDaniel	DTAL DTAL d by Opperator Date:	0181-0794 0181-0795 0181-0796 0181-0860 0181-0860	\$126,700 \$483,000 \$35,000 \$35,000 \$697,700 \$3,298,000 \$11,0 e of the premium ted in Line Item 018to oright to adjust the rate	0181-0798 0181-0870 0181-0870 0181-0880 0181-0885 0181-0890 0181-0995 0181-0990 0181-0990 0181-0990 0181-0990 0181-0990 0181-0990	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$126,200 \$192,800 \$14,500 \$14,500
Casing (19.1" – 30") Casing (10.1" – 19.0") 650' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft Casing (8.1" – 10.0") 1950' - 9 5/8" 40# HCL80 LT&C @ \$50.83/ft Casing (6.1" – 8.0") 8700' - 7" 29# HPP110 BT&C @ \$51.98/ft Casing (4.1" – 6.0") 11020' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft Tubing 8500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Subsurface Equip. & Artificial Lift Pumping Unit Systems Service Pumps TP/CP/Circ pump Storage Tanks 6 0T / 5 WT / 1 GB Emissions Control Equipment 2 VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR Separation / Treating Equipment 2 H sep / 1 V sep / 2 VHT Automation Metering Equipment Automation/Fiber/Meters Line Pipe & Valves - Cathering Facility Gas Work + GL Injection Fittings / Valves & Accessories Flowline & parts Cathodic Protection Electrical Installation Equipment Installation Pipeline Construction Facility Gas Work + GL Injection TOTAL WELL CO Extra Expense Insurance	DTAL DTAL ST eroport d d by Opperator Date:	0181-0794 0181-0795 0181-0796 0181-0860 0181-0860	\$126,700 \$483,000 \$35,000 \$35,000 \$697,700 \$3,298,000 \$11,0 e of the premium ted in Line Item 018to oright to adjust the rate	0181-0798 0181-0870 0181-0870 0181-0880 0181-0885 0181-0890 0181-0995 0181-0990 0181-0990 0181-0990 0181-0990 0181-0990 0181-0990	\$118,000 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$126,200 \$114,500 \$14,500 \$7,735,600



File: TOMMY BOY 23-24 W0DA FED COM #1H AFE (Updated 8.11.2022).xlsx

Released to Imaging: 10/5/2022 8:02:54 AM

MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name:			OY 23/24 W0EH FED COM #1H			TOMMY BOY (DV	N)	OT NIA
			. (22); BHL: 1900 FNL & 330 FEI		ounty: L	A STATE OF THE PARTY OF THE PAR		ST: NM
Sec. 23	Blk:	Survey:		TWP: 22S	RNG	27E Prop. TV	D: 9320	TMD: 19260
		INTAN	IGIBLE COSTS 0180		COD		CODE	СС
	Permits & Surv				0180-01		0180-0200	
	oad / Site / Pre	reparation			0180-01 0180-01		0180-0205	\$50,000 \$12,500
Location / Re	estoration urnkey / Foota	ago Drilling	20 days drlg / 3 days comp (2 ¢26000/d	0180-01		0 0180-0208	
Fuel	umkey / Foota	age Drilling	1700 gal/day @ \$4.7/gal	<i>y</i> \$20000/0	0180-01		0180-0214	\$371,300
Alternate Fu	iels		1700 garday @ \$4.77gar		0180-01		0180-0215	
	ical & Additives	es			0180-01		0180-0220	
Mud - Specia					0180-01		0180-0221	
Horizontal D	rillout Service:	es					0180-0222	\$200,000
	Toe Preparation	on					0180-0223	\$40,000
Cementing		1			0180-01		0180-0225	
	Vireline Service				0180-01		0 0180-0230	\$578,100 \$15,000
	bing / Snubbing	ng Services			0180-01			\$15,000
Mud Logging Stimulation	g		79 Stg 24.8 MM gal / 24.8 M	IM Ib	0180-0	\$35,00	0180-0241	\$3,087,100
	Rentals & Other	ner	79 Stg 24.0 MM gai 7 24.0 M	IIVI ID	1		0180-0241	\$315,000
Water & Oth		101	589,000 bbls 15%PW@\$0.2	0/bbls f/ Aries & 85	0180-01	45 \$35,00	0180-0245	
Bits			,		0180-01		0180-0248	
Inspection &	Repair Service	ces			0180-01	50 \$50,00	0180-0250	\$5,000
Misc. Air & F	Pumping Servi	rices			0180-01		0180-0254	
Testing & Flo	lowback Servic	ces			0180-01	58 \$12,00	0180-0258	
	/ Workover Rig	ig					0180-0260	\$10,500
Rig Mobilizat					0180-01			
Transportation	ion				0180-01		0180-0265	
	onstruction & M		es		0180-01		0180-0268	
	rvices & Super	ervision			0180-01		0180-0270	\$57,000
Directional S			Includes Vertical Control		0180-01			200.000
Equipment F					0180-01		0180-0280	
Well / Lease					0180-01	4-1	0180-0284	
Well / Lease					0180-01		0180-0285	
Intangible Su	upplies				0180-01		0 0180-0288	
Damages Dinalina Into	erconnect, RO	W Essemen	to.		0180-01		0180-0290	
Company Su		vv Lasemen	its		0180-01		0180-0292	
Overhead Fi					0180-01		0 0180-0296	
Contingencie		5%	(TCP) 5% (CC)		0180-01		0 0180-0290	
Contangonoic	-	070	(101) 070 (00)	TOTAL	0100-0	\$2,600,20		\$6,062,500
		TANG	GIBLE COSTS 0181	101712	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		40,002,000
			0.00.00.00.		II	93		1
1Casing (19.1	1" – 30")				0181-07			
Casing (19.1 Casing (10.1	1" – 30") 1" – 19.0")	65	50' - 13 3/8" 54.5# J-55 ST&C @ \$76.	3/ft	0181-07			
Casing (10.1	1" – 19.0")		50' - 13 3/8" 54.5# J-55 ST&C @ \$76. 950' - 9 5/8" 40# HCL80 LT&C @ \$60		0181-07 0181-07 0181-07	94 \$53,00		
Casing (10.1 Casing (8.1" Casing (6.1"	1" – 19.0") ' – 10.0") ' – 8.0")	19		83/ft	0181-07	794 \$53,00 795 \$126,70	0	
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1"	1" – 19.0") ' – 10.0") ' – 8.0")	19 86 10	950' - 9 5/8" 40# HCL80 LT&C @ \$60 600' - 7" 29# HPP110 BT&C @ \$51.90 9900' - 4 1/2" 13.5# HCP-110 CDC-H	83/ft 8/ft 'Q @ \$29.38/ft	0181-07 0181-07	794 \$53,00 795 \$126,70	0	
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing	1" – 19.0") ' – 10.0") ' – 8.0") ' – 6.0")	19 86 10	950' - 9 5/8" 40# HCL80 LT&C @ \$60 300' - 7" 29# HPP110 BT&C @ \$51.96	83/ft 8/ft 'Q @ \$29.38/ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0181-0797 0181-0798	
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head	1" - 19.0") ' - 10.0") ' - 8.0") ' - 6.0")	19 86 10 84	950' - 9 5/8" 40# HCL80 LT&C @ \$60 600' - 7" 29# HPP110 BT&C @ \$51.90 9900' - 4 1/2" 13.5# HCP-110 CDC-H	83/ft 8/ft 'Q @ \$29.38/ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0181-0797 0181-0798	\$116,600
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head	1" - 19.0") ' - 10.0") ' - 8.0") ' - 6.0") d d & Upper Sec	19 86 10 84 ction	950' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9 9900' - 4 1/2" 13.5# HCP-110 CDC-H 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13	83/ft 8/ft 'Q @ \$29.38/ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Horizontal Casing (4.1"	1" – 19.0") ' – 10.0") ' – 8.0") ' – 6.0") d d Upper Sec	19 86 10 84 ction	950' - 9 5/8" 40# HCL80 LT&C @ \$60 600' - 7" 29# HPP110 BT&C @ \$51.90 9900' - 4 1/2" 13.5# HCP-110 CDC-H	83/ft 8/ft 'Q @ \$29.38/ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0181-0797 0181-0798 0 0181-0870 0181-0871	\$116,600 \$30,000 \$50,000
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Horizontal Casing Head	1" – 19.0") ' – 10.0") ' – 8.0") ' – 6.0") d d Upper Secompletion Toc	19 86 10 84 ction	950' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9 9900' - 4 1/2" 13.5# HCP-110 CDC-H 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13	83/ft 8/ft 'Q @ \$29.38/ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Horizontal C Subsurface I Pumping Uni	1" – 19.0") ' – 10.0") ' – 8.0") ' – 6.0") d d & Upper Sectompletion Toc Equip. & Artification Systems	15 86 10 84 ction ols Cicial Lift	950' - 9 5/8" 40# HCL80 LT&C @ \$60 9500' - 7" 29# HPP110 BT&C @ \$51,91 9900' - 4 1/2" 13,5# HCP-110 CDC-H' 900' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 9000 - 1 Completion Liner Hanger	83/ft 8/ft 'Q @ \$29.38/ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0181-0797 0181-0798 0181-0870 0181-0870 0181-0880 0181-0885	\$116,600 \$30,000 \$50,000 \$25,000
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Horizontal C Subsurface I Pumping Uni Service Pum	1" – 19.0") ' – 10.0") ' – 10.0") ' – 8.0") ' – 6.0") d d & Upper Sec completion Toc Equip. & Artific nit Systems	15 86 10 84 ction ols Cicial Lift	950' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 9900' - 4 1/2" 13.5# HCP-110 CDC-HT 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 completion Liner Hanger	83/ft 8/ft 'Q @ \$29.38/ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Horizontal C Subsurface I Pumping Uni Service Pum Storage Tan	1" – 19.0") ' – 10.0") ' – 8.0") ' – 8.0") ' – 6.0") d & Upper Sec completion Toc Equip. & Artific iti Systems nps	15 86 10 84 ction ols Ci cial Lift	950' - 9 5/8" 40# HCL80 LT&C @ \$60 9500' - 7" 29# HPP110 BT&C @ \$51.91 9900' - 4 1/2" 13.5# HCP-110 CDC-H' 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 completion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB	83/ft I/ft Q @ \$29.38/ft //ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0 0 0 0 0 0 181-0797 0 181-0798 0 0 0 0 181-0870 0 181-0880 0 181-0886 0 181-0890 0 181-0890	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Horizontal C Subsurface I Pumping Un Service Pum Storage Tan Emissions C	1" – 19.0") ' – 10.0") ' – 10.0") ' – 8.0") ' – 6.0") d d Upper Sec completion Toc Equip. & Artific it Systems nps laks control Equipm	15 86 10 10 10 10 10 10 10 10 10 10 10 10 10	950' - 9 5/8" 40# HCL80 LT&C @ \$60 9500' - 7" 29# HPP110 BT&C @ \$51.91 9900' - 4 1/2" 13.5# HCP-110 CDC-H' 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 completion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIF	83/ft I/ft Q @ \$29.38/ft //ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0 0 0 0 0 0 181-0797 0 181-0870 0 181-0870 0 181-0880 0 181-0886 0 181-0890	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Tubing Head Eventual Community For the Community Subsurface I Pumping Uni Service Pum Storage Tan Emissions C Separation /	1" – 19.0") ' – 10.0") ' – 8.0") ' – 8.0") ' – 6.0") d & Upper Sec completion Toc Equip. & Artific alt Systems aps alks control Equipm ' Treating Equi	15 86 10 10 10 10 10 10 10 10 10 10 10 10 10	250' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 0900' - 4 1/2" 13.5# HCP-110 CDC-H' 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 completion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIR H sep / 1 V sep / 2 VHT	83/ft I/ft Q @ \$29.38/ft //ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Horizontal Co Subsurface E Pumping Un Service Pum Storage Tan Emissions C Separation / Automation N	1" – 19.0") ' – 10.0") ' – 10.0") ' – 8.0") ' – 6.0") d & Upper Sec Completion Toc Equip. & Artific nit Systems nps nks Control Equipm Treating Equi Metering Equi	15 86 10 84 10 10 10 10 10 10 10 10 10 10 10 10 10	950' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 9900' - 4 1/2" 13.5# HCP-110 CDC-H 1400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 0mpletion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIF H sep / 1 V sep / 2 VHT utomation/Fiber/Meters	83/ft I/ft Q @ \$29.38/ft //ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Horizontal C. Subsurface E Pumping Un Service Pum Storage Tan Emissions C Separation / Automation I Line Pipe & V	1" – 19.0") ' – 10.0") ' – 10.0") ' – 8.0") ' – 6.0") d & Upper Secompletion Too Equip. & Artificial Systems has control Equipm ' Treating Equi Metering Equi Valves - Gathe	ttion ols Cricial Lift Tri 6 nent 2 ipment 2 ipment Artering Fa	950' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 9900' - 4 1/2" 13.5# HCP-110 CDC-H 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 ompletion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIF H sep / 1 V sep / 2 VHT utomation/Fiber/Meters acility Gas Work + GL Injection	83/ft I/ft Q @ \$29.38/ft //ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Horizontal C. Subsurface E Pumping Un Service Pum Storage Tan Emissions C Separation / Automation I Line Pipe & V	1" – 19.0") ' – 10.0") ' – 8.0") ' – 6.0") d & Upper Sec completion Toc Equip. & Artific itt Systems nps nks control Equipm ' Treating Equi Wetering Equi Valves - Gath lves & Accessor	ttion ols Cricial Lift Tri 6 nent 2 ipment 2 ipment Artering Fa	950' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 9900' - 4 1/2" 13.5# HCP-110 CDC-H 1400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 0mpletion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIF H sep / 1 V sep / 2 VHT utomation/Fiber/Meters	83/ft I/ft Q @ \$29.38/ft //ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Horizontal C Subsurface E Pumping Uni Service Pum Storage Tan Emissions C Separation / Automation N Line Pipe & V Fittings / Val	1" – 19.0") ' – 10.0") ' – 8.0") ' – 8.0") ' – 6.0") d d d & Upper Sec completion Toc Equip. & Artific ait Systems aps also control Equipm 'Treating Equi Metering Equi Valves - Gathe lives & Accesse otection	ttion ols Cricial Lift Tri 6 nent 2 ipment 2 ipment Artering Fa	950' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 9900' - 4 1/2" 13.5# HCP-110 CDC-H 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 ompletion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIF H sep / 1 V sep / 2 VHT utomation/Fiber/Meters acility Gas Work + GL Injection	83/ft I/ft Q @ \$29.38/ft //ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100
Casing (10.1 Casing (8.1" Casing (6.1" Casing (6.1" Tubing Drilling Head Tubing Head Tubing Head Forizontal C Subsurface I Pumping Uni Service Pum Storage Tan Emissions C Separation / Automation I Line Pipe & V Cathodic Pro	1" – 19.0") ' – 10.0") ' – 8.0") ' – 8.0") ' – 6.0") d & Upper Sec completion Toc Equip. & Artific hit Systems nps laks control Equipm ' Treating Equi Metering Equi Metering Equi Valves - Gathe kves & Accesse otection stallation	ttion ols Cricial Lift Tri 6 nent 2 ipment 2 ipment Artering Fa	950' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 9900' - 4 1/2" 13.5# HCP-110 CDC-H 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 ompletion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIF H sep / 1 V sep / 2 VHT utomation/Fiber/Meters acility Gas Work + GL Injection	83/ft I/ft Q @ \$29.38/ft //ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$226,200
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Tubing Head Foreign (4.1" Tubing Head Tub	1" – 19.0") ' – 10.0") ' – 8.0") ' – 6.0") d d Upper Sec completion Toc Equip. & Artific nit Systems nps nks Control Equipm Treating Equi Metering Equi Valves - Gathe tves & Accesso stallation nstallation	ction ols Cr icial Lift TI 6 nent 2 ipment A iering Fa sories FI	950' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 9900' - 4 1/2" 13.5# HCP-110 CDC-H 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 ompletion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIF H sep / 1 V sep / 2 VHT utomation/Fiber/Meters acility Gas Work + GL Injection	83/ft I/ft Q @ \$29.38/ft //ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$29,100 \$226,200 \$1192,800 \$108,000
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Horizontal Co Subsurface E Pumping Uni Service Pum Storage Tan Emissions C Separation / Automation N Line Pipe & V Fittings / Vali Cathodic Proc Cathodic Proc Electrical Inse	1" – 19.0") ' – 10.0") ' – 8.0") ' – 6.0") d d Upper Sec completion Toc Equip. & Artific nit Systems nps nks Control Equipm Treating Equi Metering Equi Valves - Gathe tves & Accesso stallation nstallation	ction ols Cr icial Lift TI 6 nent 2 ipment A iering Fa sories FI	950' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 9900' - 4 1/2" 13.5# HCP-110 CDC-HT 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 completion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB H sep / 1 V Sep / 2 VHT utomation/Fiber/Meters acility Gas Work + GL Injection owline & parts	83/ft I/ft Q @ \$29.38/ft //ft	0181-07 0181-07	794 \$53,00 795 \$126,70 796 \$477,40	0 181-0797 0181-0798 0181-0870 0181-0870 0181-0880 0181-0885 0181-0886 0181-0890 0181-0890 0181-0990 0181-0990 0181-0990 0181-0900	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$29,100 \$226,200 \$1192,800 \$108,000
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Horizontal Co Subsurface E Pumping Uni Service Pum Storage Tan Emissions C Separation / Automation N Line Pipe & V Fittings / Vali Cathodic Proc Cathodic Proc Electrical Inse	1" – 19.0") ' – 10.0") ' – 8.0") ' – 6.0") d d Upper Sec completion Toc Equip. & Artific nit Systems nps nks Control Equipm Treating Equi Metering Equi Valves - Gathe tves & Accesso stallation nstallation	ction ols Cr icial Lift TI 6 nent 2 ipment A iering Fa sories FI	950' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 9900' - 4 1/2" 13.5# HCP-110 CDC-HT 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 completion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB H sep / 1 V Sep / 2 VHT utomation/Fiber/Meters acility Gas Work + GL Injection owline & parts	83/ft V/ft Q @ \$29.38/ft //ft	0181-07 0181-07	794 \$53,00 195 \$126,70 196 \$477,40 196 \$35,00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$64,300 \$29,100 \$226,200 \$192,800 \$108,000 \$14,500
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Horizontal Co Subsurface E Pumping Uni Service Pum Storage Tan Emissions C Separation / Automation N Line Pipe & V Fittings / Vali Cathodic Proc Cathodic Proc Electrical Inse	1" – 19.0") ' – 10.0") ' – 8.0") ' – 6.0") d d Upper Sec completion Toc Equip. & Artific nit Systems nps nks Control Equipm Treating Equi Metering Equi Valves - Gathe tves & Accesso stallation nstallation	ction ols Cr icial Lift TI 6 nent 2 ipment A iering Fa sories FI	950' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 9900' - 4 1/2" 13.5# HCP-110 CDC-HT 400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 completion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB H sep / 1 V Sep / 2 VHT utomation/Fiber/Meters acility Gas Work + GL Injection owline & parts	83/ft //ft Q @ \$29.38/ft //ft TOTAL	0181-07 0181-07	794 \$53,00 195 \$126,70 196 \$477,40 196 \$35,00 197 \$477,40 198 \$35,00 199 \$35,00 199 \$35,00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$188,600 \$64,300 \$29,100 \$226,200 \$1108,000 \$14,500
Casing (10.1 Casing (8.1" Casing (6.1" Tubing Drilling Head Tubing Head Horizontal Co Subsurface E Pumping Uni Service Pum Storage Tan Emissions C Separation / Automation N Line Pipe & V Fittings / Vali Cathodic Proc Electrical Inse	1" – 19.0") ' – 10.0") ' – 8.0") ' – 6.0") d d Upper Sec completion Toc Equip. & Artific nit Systems nps nks Control Equipm Treating Equi Metering Equi Valves - Gathe tves & Accesso stallation nstallation	ction ols Cr icial Lift TI 6 nent 2 ipment A iering Fa sories FI	250' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 0900' - 4 1/2" 13.5# HCP-110 CDC-H 1400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 0mpletion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIF H sep / 1 V vsep / 2 VHT utomation/Fiber/Meters acility Gas Work + GL Injection owline & parts	83/ft //ft Q @ \$29.38/ft //ft TOTAL SUBTOTAL	0181-07 0181-07	\$53,000 \$126,70 \$60 \$35,000 \$477,40 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$226,200 \$192,800 \$14,500
Casing (10.1 Casing (8.1" Casing (6.1" Casing (4.1" Tubing Drilling Head Tubing Head Horizontal C. Subsurface E Pumping Un Service Pum Storage Tan Emissions C Separation / Automation I Line Pipe & V Fittings / Val Cathodic Pro Electrical Ins Equipment Ir Pipeline Con	1" – 19.0") ' – 10.0") ' – 10.0") ' – 8.0") ' – 6.0") d & Upper Sec completion Toc Equip. & Artific iit Systems has control Equipm ' Treating Equi Metering Equi Metering Equi Valves - Gathe lives & Accesso otection sstallation histruction	ction ols Cr icial Lift TI 6 nent 2 ipment A iering Fa sories FI	250' - 9 5/8" 40# HCL80 LT&C @ \$60 500' - 7" 29# HPP110 BT&C @ \$51.9i 0900' - 4 1/2" 13.5# HCP-110 CDC-H 1400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13 0mpletion Liner Hanger P/CP/Circ pump OT / 5 WT / 1 GB VRT / 1 VRU / 1 Flare / 3 KO's / 1 AIF H sep / 1 V vsep / 2 VHT utomation/Fiber/Meters acility Gas Work + GL Injection owline & parts	83/ft //ft Q @ \$29.38/ft //ft TOTAL	0181-07 0181-07	\$53,000 \$126,70 \$60 \$35,000 \$477,40 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$116,600 \$30,000 \$50,000 \$25,000 \$16,000 \$211,500 \$153,300 \$88,600 \$64,300 \$29,100 \$226,200 \$192,800 \$14,500
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STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF MEWBOURNE OIL COMPANY FOR A COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

Case No. 23078

VERIFIED STATEMENT OF TYLER HILL

COUNTY OF MIDLAND)
) ss
STATE OF TEXAS)

Tyler Hill, being duly sworn upon his oath, deposes and states:

- 1. I am over the age of 18, and have personal knowledge of the matters stated herein.
- 2. I am a geologist for Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in this case. I have been qualified by the Division as an expert petroleum geologist.
- 3. The following geological plats are attached hereto:
- (a) Attachment A is a structure map of the Wolfcamp formation, mapped on the top of the correlative Wolfcamp marker. It shows that structure dips to the east, and that the planned wellbores would drill perpendicular to strike. It also shows a line of cross-section, A-A'.
- (b) Attachment B is a west-east cross section. The well logs on the cross-section give a representative sample of the Wolfcamp formation in this area. The target zone for the wells is the Upper Wolfcamp Sand, and that zone is continuous across the well unit.
- 4. I conclude from the maps that:
- (a) The horizontal spacing unit is justified from a geologic standpoint.
- (b) Each quarter section in the unit will contribute more or less equally to production.
- (c) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells.
- 5. Attachment C is a regional map that shows the Tommy Boy drilling unit in relation to nearby cities, and its location in Eddy County, NM.



6. Attachment D is the Survey Calculation Report for wells: Tommy Boy 23/24 W0DA Fed Com 1H, and Tommy Boy 23/24 W0EH Fed Com 1H. The producing interval of the proposed well will be orthodox. The Pool code is Purple Sage Wolfcamp (98220).

Tyled Hill

V	ER	IF	[C]	A	П	ON

STATE OF TEXAS)
) ss
COUNTY OF MIDLAND)

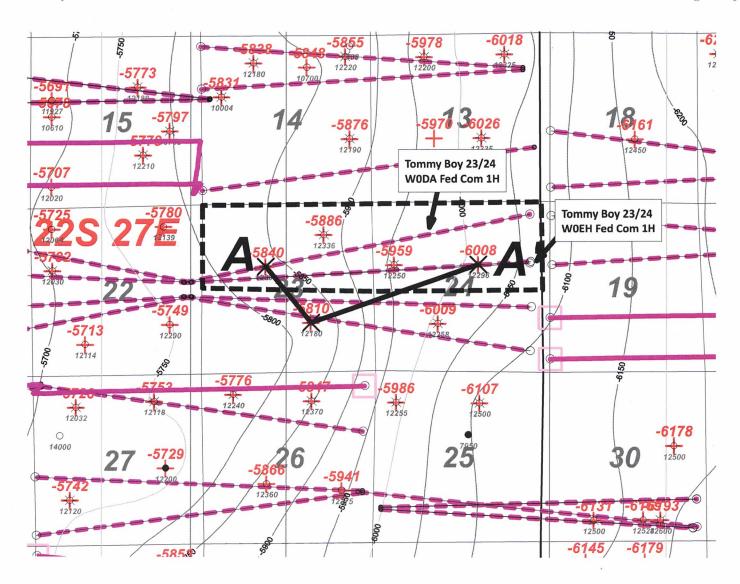
Tyler Hill, being duly sworn upon his oath, deposes and states that: He is a geologist for Mewbourne Oil Company; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.

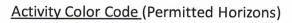
Tyler Hill

SUBSCRIBED AND SWORN TO before me this **27**th day of September, 2022 by Tyler Hill.

My Commission Expires: 8-28-26

Notary Public







Wolfcamp Sand





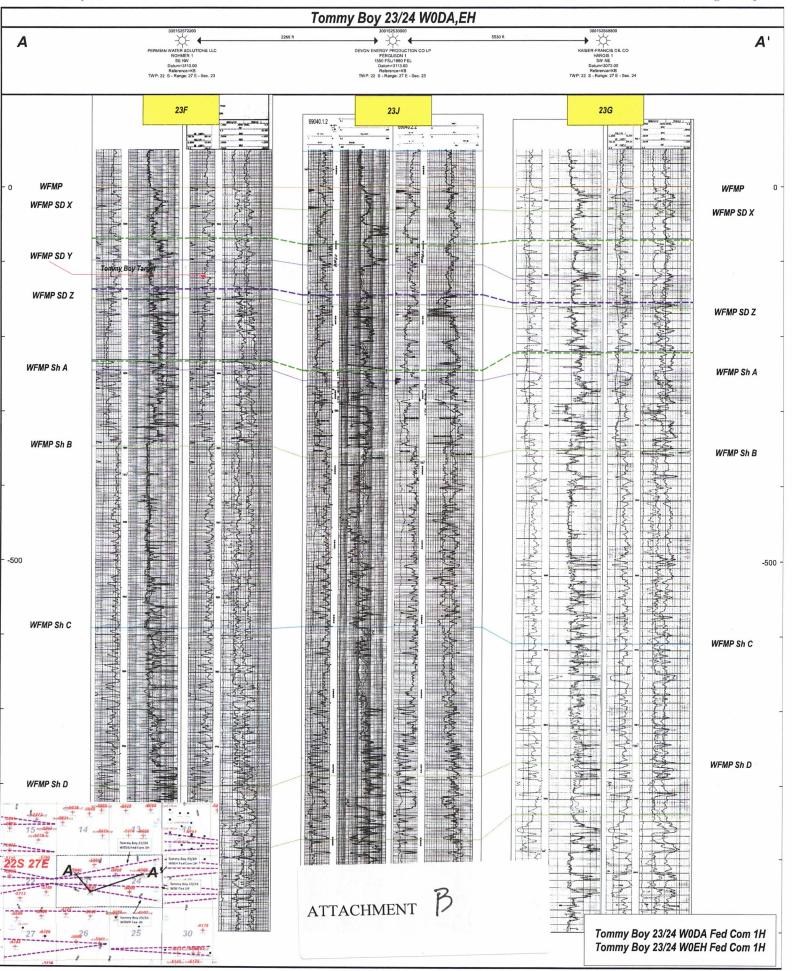
™c Mewbourne Oil Company

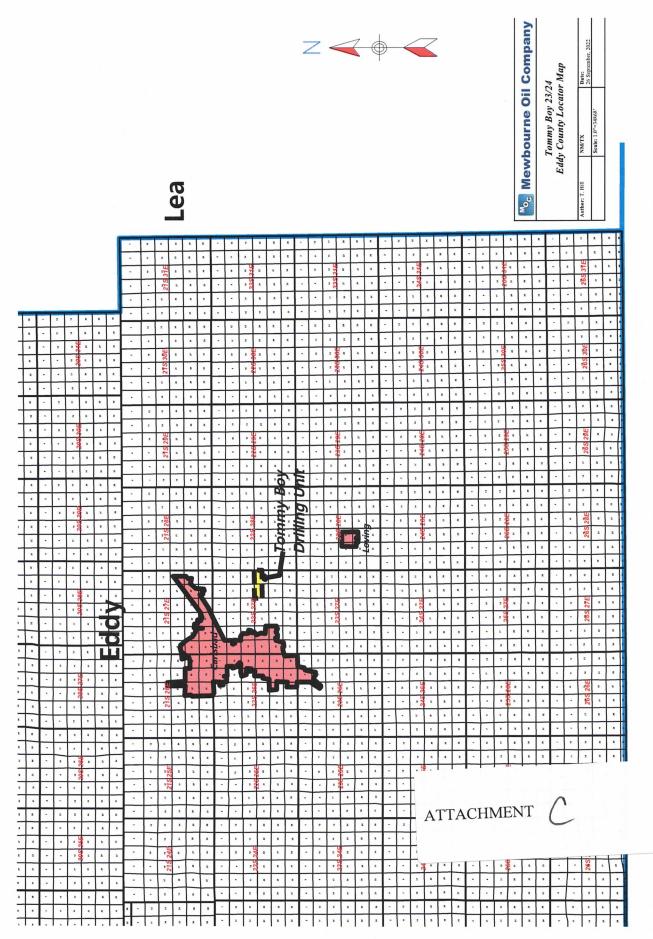
Tommy Boy 23/24 W0DA Fed Com 1H Tommy Boy 23/24 W0EH Fed Com 1H Structure top WFMP (C.I. 50')

Author: T. Hill	County:	Date: 27 September, 2022
	Scale: 1.0''=3000'	

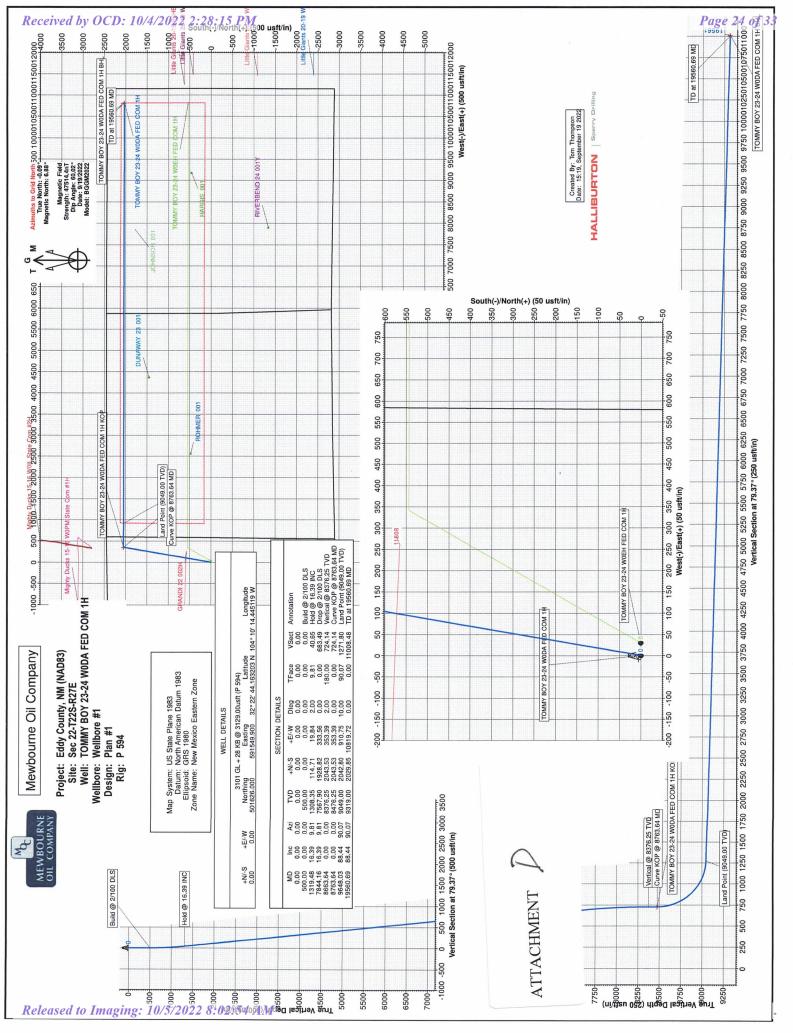


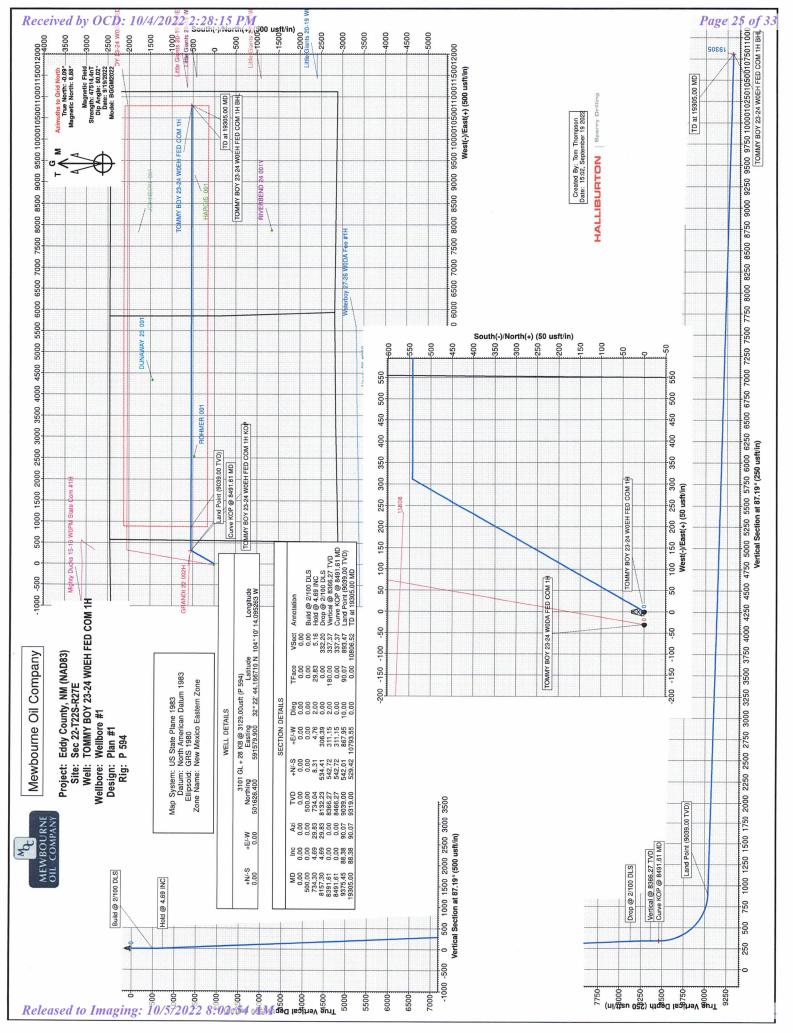






Texas





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

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

Case No. 23078

SELF-AFFIRMED STATEMENT OF NOTICE

COUNTY OF SANTA FE)
STATE OF NEW MEXICO)
James Bruce deposes and states:
1. I am over the age of 18, and have personal knowledge of the matters stated herein
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the applications filed herein.
4. Notice of the applications was provided to the interest owner, at her last known address, by certified mail. Copies of the notice letter and certified return receipt are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules.
6. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 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. Date:
James Bruce
EXHIBIT \mathcal{A}

JAMES BRUCE ATTORNEY AT LAW

POST OFFICE BOX 1056 SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213 SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone) (505) 660-6612 (Cell) (505) 982-2151 (Fax)

jamesbruc@aol.com

September 15, 2022

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling (Case No. 23078), filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, seeking an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the N/2 of Section 23 and the N/2 of Section 24, Township 22 South, Range 27 East, NMPM. The unit will be dedicated to (a) The Tommy Boy 23/24 W0EH Fed. Com. Well No. 1H, with a first take point in the SW/4NW/4 of 23 and a last take point in the SE/4NE/4 of Section 24, and (b) The Tommy Boy 23/24 W0DA Fed. Com. Well No. 1H, with a first take point in the NW/4NW/4 of 23 and a last take point in the NE/4NE/4 of Section 24. This matter is scheduled for hearing at 8:15 a.m. on Thursday, October 6, 2022. Due to current circumstances, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to emnrd.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, http://emnrd.state.nm.us/OCD/announcements.html. You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Septmber 29, 2022. This statement may be filed online with the Division at ocd.hearings@state.nm.us, and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,

Attorney for Mewbourne Oil Company

ATTACHMENT

A

EXHIBIT A

Joy M. Magby 81 Kelly Road Carlsbad, NM 88220-8943

S & P Co. 330 Marshall Street, STE 300 Shreveport, LA 71101 Attn: Jill Crawford

U.S. Postal Service CERTIFIED MAIL® RECEIRY Domestic Mail Only For delivery information, visit our website at www.usps.com Certified Mail Fee Strat Services & Fees (check box, add fee as appropriate) Extra Services & Fees (check box, add fee as appropriate) Contified Mail Fee Strat Services & Fees (check box, add fee as appropriate) Contified Mail Feet (hardcop) Contified Mail Restricted Delivery \$ Contified Mail Restricted Delivery \$	Total Postage and Fees Total Postage and Fees S & P Co. 330 Marshall Street, STE 300 Street and Apt. No., or PO B, Aum. Jill Craviord City, State, ZIP-44 PS Form 3800, April 2015 PSN/7530-02-000-9047 See Reverse for II
A. Signature Addressee D. Addressee D. Is delivery address different from item 1? Des If YES, enter delivery address below:	3. Service Type 3. Service Type 3. Service Type 4. Adult Signature Restricted Delivery 5. Certified Mail Restricted Delivery 6. Collect on Delivery 7. H.B. 7. H.B. 7. H.B. 7. H.B. 7. Domestic Return Receipt
SENDER: COMPLETE THIS SECTION Complete ifems 1, 2, d 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Article Addressed to: Cartebod, NM 88220-8943	2. 7022 1670 0002 1183 7 PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY A. Signature A. Addressee A. Addressee A. Addressee A. Addressee A. Signature Addressee A. Signature Addressee D. Is delivery address different from item 1? If YES, enter delivery address below: If YES, enter delivery address below:	3. Service Type Adult Signature Adult Signature Restricted Delivery Certified Mail Restricted Delivery Collect on Delivery Collect on Delivery Collect on Delivery Collect on Delivery Signature Confirmation Signatu
everse ailpiece,	2. Article Mumber (Transfer from service label) PS Form 3811, July 2020 PSN 7530-02-000-9053
Stal Service" FIED MAIL® RECEIRV & & L. Information, visit our website at www.usps.com. For and feess appropriate)	(hardcopy) \$ Postmark

7022 1670 0002 1183 7748

Released to Imaging: 10/5/2022 8:02:54 AM

CONFIRMATION

JAMES BRUCE ATTORNEY **POBOX 1056** SANTA FE NM 87504-

PO#:

Account 1419282

AD# 0005420064

Ordered By Jim Bruce

Tax Amount \$8.34

\$119.18

Total Amount Payment Method Invoice

Payment Amount \$0.00

Amount Due \$119.18

Ad Order Notes:

Sales Rep: cscheiderm

Order Taker: cscheiderm

Order Created

09/19/2022

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Product	Placement	Class	# Ins	Start Date	End Date
ELP-CA Current-Argus	ELP-Legals	Legal Notices	1	09/22/2022	09/22/2022
ELP-currentargus.com	ELPW-Legals	Legal Notices	1	09/22/2022	09/22/2022

Text of Ad: 09/19/2022

NOTICE

NOTICE

To: Joy M. Magby and S&P Co., or your heirs, devisees, successors, or assigns: Mewbourne Oil Company has filed the following application with the New Mexico Oil Conservation Division: Case No. 23078, seeking an order pooling all mineral interests in the Wolfcamp formation underlying a horizontal spacing unit comprised of the N/2 of Section 23 and the N/2 of Section 24, Township 22 South, Range 27 East, NMPM. The unit will be dedicated to (a) The Tommy Boy 23/24 W0EH Fed. Com. Well No. 1H, with a first take point in the SW/ANW/4 of 23 and a last take point in the SW/ANW/4 of 23 and a last take point in the NE/ANE/4 of Section 24, and (b) The Tommy Boy 23/24 W0DA Fed. Com. Well No. 1H, with a first take point in the NE/4NE/4 of Section 24. Also to be considered will be the cost of drilling, completing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, and equipping the wells. The applications are scheduled to be heard at 8:15 a.m. on October 6, 2022. During the current circumstances, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to emnrd.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, http://emnrd.state.nm.us/OCD/nonouncements.html. You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, September 29, 2022. This statement may be filed online with the Division at ocd.hearings@state.nm.us, and should include: The name o

EXHIBIT

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICA	22070		
Case:	23078		
Date	October 6, 2022		
Applicant	Mewbourne Oil Company		
Designated Operator & OGRID			
(affiliation if applicable)	Mewbourne Oil Company/OGRID No. 14744		
Applicant's Counsel:	James Bruce		
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico		
Entries of Appearance/Intervenors:			
Well Family	Tommy Boy Wolfcamp wells		
Formation/Pool			
Formation Name(s) or Vertical Extent:	Wolfcamp Formation		
Primary Product (Oil or Gas):	Gas		
Pooling this vertical extent:	Entire Wolfcamp formation		
Pool Name and Pool Code:	Purple Sage; Wolfcamp (Gas)/Pool Code 98220		
Well Location Setback Rules:	Purple Sage pool rules and current horizontal well rules		
Spacing Unit Size:	Half Section/320 acres		
Spacing Unit			
Type (Horizontal/Vertical)	Horizontal		
Size (Acres)	640 acres		
Building Blocks:	320 acres		
Orientation:	West-East		
Description: TRS/County	N/2 §23 and N/2 §24-22S-27E, NMPM, Eddy County		
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes		
Other Situations			
Depth Severance: Y/N. If yes, description	No /		
Proximity Tracts: If yes, description	No EXHIBIT		
Proximity Defining Well: if yes, description			
Applicant's Ownership in Each Tract	Exhibit 2A-B		
Well(s)			
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or nonstandard)	Tommy Boy 23/24 W0DA Fed. Com. Well No. 1H API No. 30-015-Pending SHL: 2440 FNL & 580 FEL §22-22S-27E BHL: 400 FNL & 330 FEL §24 FTP: 400 FNL & 330 FWL §23 LTP: 400 FSL & 330 FEL §24 Upper Wolfcamp/TVD 9320 feet/MD 19520 feet		

Received by OCD: 10/4/2022 2:28:15 PM	Tommy Boy 23/24 W0EH Fed. Com. Well No. 1H API No. 30-015-Pending SHL: 2440 FNL & 550 FEL §22-22S-27E BHL: 1900 FNL & 330 FEL §24 FTP: 1900 FNL & 330 FWL §23 LTP: 1900 FSL & 330 FEL §24 Upper Wolfcamp/TVD 9320 feet/MD 19260 feet
Horizontal Well First and Last Take	See above
Points	
Completion Target (Formation, TVD and	See above
MD)	
AFE Capex and Operating Costs	4000
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 2A, page 2
Requested Risk Charge	Cost + 200%/Exhibit 2A, page 2
Notice of Hearing	
Proposed Notice of Hearing	Exhibit 1
Proof of Mailed Notice of Hearing (20	
days before hearing)	Exhibit 4
Proof of Published Notice of Hearing (10	e 14 v.e
days before hearing)	Exhibit 5
Ownership Determination	
Land Ownership Schematic of the	Fullibra DA
Spacing Unit	Exhibit 2A
Tract List (including lease numbers and	
owners)	
Pooled Parties (including ownership	Fuhihit 2B
type) Unlocatable Parties to be Pooled	Exhibit 2B
Ownership Depth Severance (including percentage above & below)	None
Joinder	None
Sample Copy of Proposal Letter	Exhibit 2C
List of Interest Owners (i.e. Exhibit A of	LATIBIL ZC
JOA)	Exhibit 2B
30,1	LATIBLE ZD
Chronology of Contact with Non-Joined	
Working Interests	Exhibit 2C
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit 2D
Cost Estimate to Equip Well	Exhibit 2D
Cost Estimate for Production Facilities	Exhibit 2D
Geology	
Summary (including special	
considerations)	Exhibit 3
Spacing Unit Schematic	Exhibit 3-A
Gunbarrel/Lateral Trajectory Schematic	Exhibit 3-A
Well Orientation (with rationale)	Standup/Exhibit 3
Target Formation	Wolfcamp

HBaceiredsby ection 10/4/2022 2:28:15 PM	Exhibit 3B	Page 33 of 3.
Depth Severance Discussion	Not Applicable	
Forms, Figures and Tables		
C-102	Exhibit 2A	
Tracts	Exhibit 2B	
Summary of Interests, Unit		
Recapitulation (Tracts)	Exhibit 2B	-
General Location Map (including basin)	Exhibit 2A	
Well Bore Location Map	Exhibit 2A	
Structure Contour Map - Subsea Depth	Exhibit 3A	
Cross Section Location Map (including		
wells)	Exhibit 3A	
Cross Section (including Landing Zone)	Exhibit 3B	
Additional Information		
CERTIFICATION: I hereby certify that the		
information provided in this checklist is		
complete and accurate.		
Printed Name (Attorney or Party	0	
Representative):	James Bruce	
Signed Name (Attorney or Party	1 ()	
Representative):	- Cum Dun	
Date:	October 4, 2022	