

Well Name: FOXHOLE 25/26 W0PO FED COM	Well Location: T20S / R28E / SEC 25 / NESE / 32.5431271 / -104.1238461	County or Parish/State: EDDY / NM
Well Number: 1H Y	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM17103	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001548592 30-015-48725	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Other
Date Sundry Submitted: 07/14/2021	Time Sundry Submitted: 12:06
Date proposed operation will begin: 07/14/2021	

Procedure Description: Mewbourne Oil Company requests approval to: 1) Walk the rig to the new SHL of 2160' FSL & 380' FEL, Sec 25, T20S, R28E. 2) Name replacement wellbore Foxhole 25/26 W0PO Fed Com #1Y. 3) Drill replacement wellbore as proposed in the attached directional plan. No expanded surface disturbance will be required.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- ALT__Foxhole_25_26_W0PO_Fed_Com_1Y_Plan__20210714120621
- FOXHOLE_25_26_W0PO_FED_COM_1Y_C_102_20210714120500.pdf
- Foxhole_25_26_W0PO_Fed_Com_1Y_3160_3_20210714091615.pdf

Received by OCD: 7/15/2021 9:27:44 AM

Page 2 of 43

Well Name: FOXHOLE 25/26 W0PO FED COM	Well Location: T20S / R28E / SEC 25 / NESE / 32.5431271 / -104.1238461	County or Parish/State: EDDY / NM
Well Number: 1H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM17103	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001548592	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Conditions of Approval

Specialist Review

ALT__Foxhole_25_26_W0PO_Fed_Com_1Y_Plan_1_20210714154331.pdf

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: ANDY TAYLOR

Signed on: JUL 14, 2021 09:16 AM

Name: MEWBOURNE OIL COMPANY

Title: Engineer

Street Address: PO Box 5270

City: Hobbs**State:** NM

Phone: (575) 393-5905

Email address: Ataylor@mewbourne.com

Field Representative

Representative Name:

Street Address:

City:**State:****Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 07/14/2021

Signature: Chris Walls

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 30-015-48725		² Pool Code 98315	³ Pool Name WC BURTON FLAT UPPER WC
⁴ Property Code 331066	⁵ Property Name FOXHOLE 25/26 WOPO FED COM		⁶ Well Number 1Y H
⁷ GRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY		⁹ Elevation 3234'

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
I	25	20S	28E		2160	SOUTH	380	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

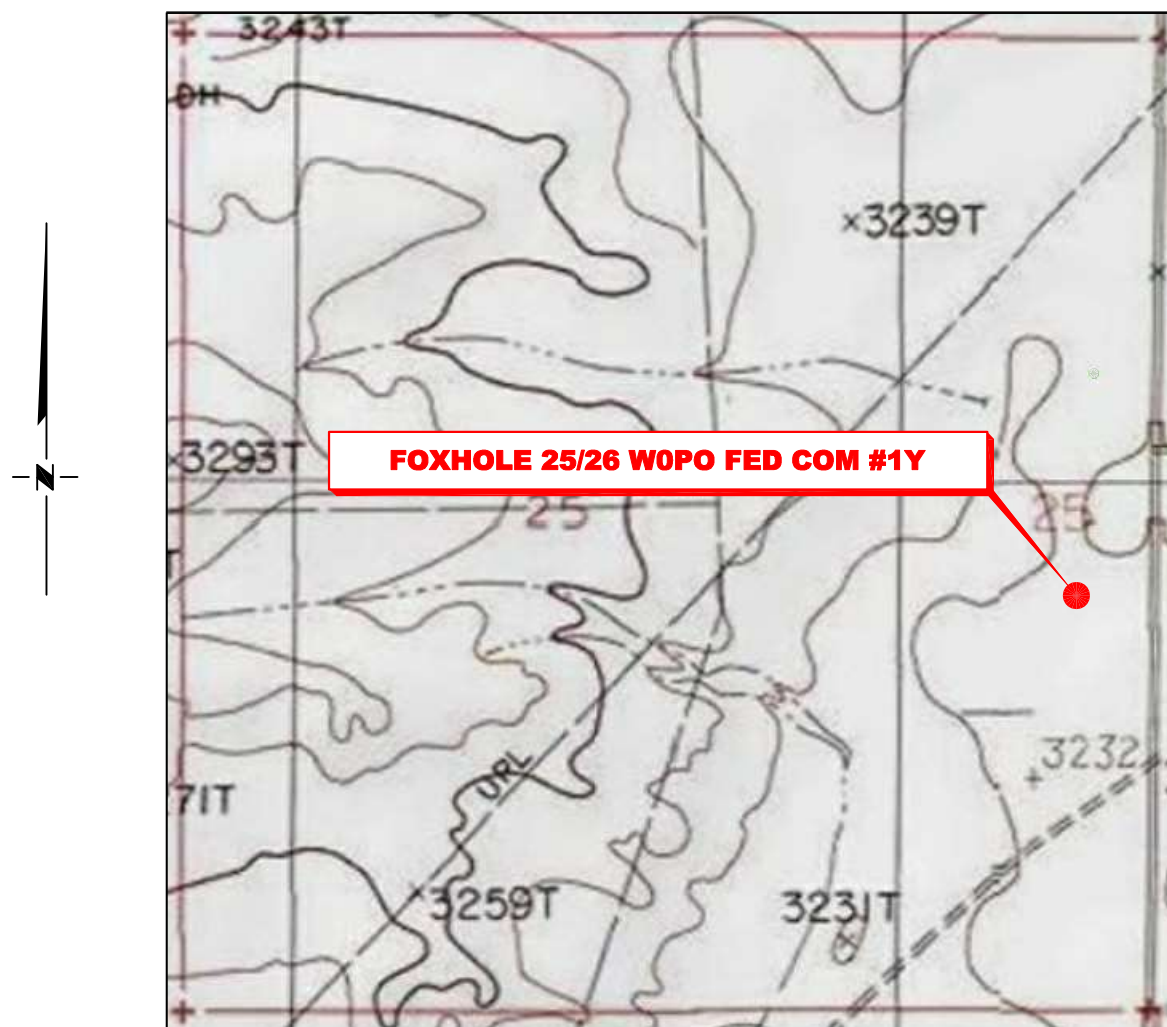
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	26	20S	28E		660	SOUTH	2552	EAST	EDDY

¹² Dedicated Acres 240	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 <u>CORNER DATA</u> NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1942" N: 559229.0 - E: 595632.4 B: FOUND BRASS CAP "1942" N: 561880.5 - E: 595649.8 C: FOUND BRASS CAP "1942" N: 564532.1 - E: 595667.9 D: FOUND BRASS CAP "1942" N: 564538.3 - E: 598321.6 E: FOUND BRASS CAP "1942" N: 564544.5 - E: 600975.5 F: FOUND BRASS CAP "1942" N: 564550.8 - E: 603638.9 G: CALCULATED CORNER N: 564557.4 - E: 606301.5 H: 1" PIPE N: 561904.2 - E: 606275.4 I: 1/2" REBAR N: 559255.8 - E: 606249.5 J: FOUND BRASS CAP "1942" N: 559246.2 - E: 603591.0 K: FOUND BRASS CAP "1942" N: 559240.0 - E: 600933.9 L: FOUND BRASS CAP "1942" N: 559235.4 - E: 598282.6 M: FOUND BRASS CAP "1942" N: 561893.4 - E: 600953.9 <u>GEODETIC DATA</u> NAD 83 GRID - NM EAST <u>SURFACE LOCATION</u> N: 561413.8 - E: 605890.7 <u>BOTTOM HOLE</u> N: 559895.4 - E: 598387.5 LAT: 32.5432097° N LONG: 104.1238450° W LAT: 32.5390739° N LONG: 104.1482029° W			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. <i>Andrew W Taylor</i> 7/14/2021 Signature Date Andy Taylor Printed Name ataylor@mewbourne.com 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 same is true and correct to the best of my belief. 07-17-2019 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number PROF. ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR			RRC-Job No: LS19070727		

LOCATION VERIFICATION MAP



*SECTION 25, TWP. 20 SOUTH, RGE. 28 EAST,
N. M. P. M., EDDY COUNTY, NEW MEXICO*

OPERATOR: Mewbourne Oil Company

LOCATION: 2160' FSL & 380' FEL

LEASE: Foxhole 25/26 W0PO Fed Com

CONTOUR INTERVAL: 10'

WELL NO.: 1Y

USGS TOPO. SOURCE MAP:

ELEVATION: 3234'

Illinois Camp SE, NM (P. E. 1985)

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RRC



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: N. T. S.

DATE: 07-17-2019

SURVEYED BY: ML/CG

DRAWN BY: KAKN

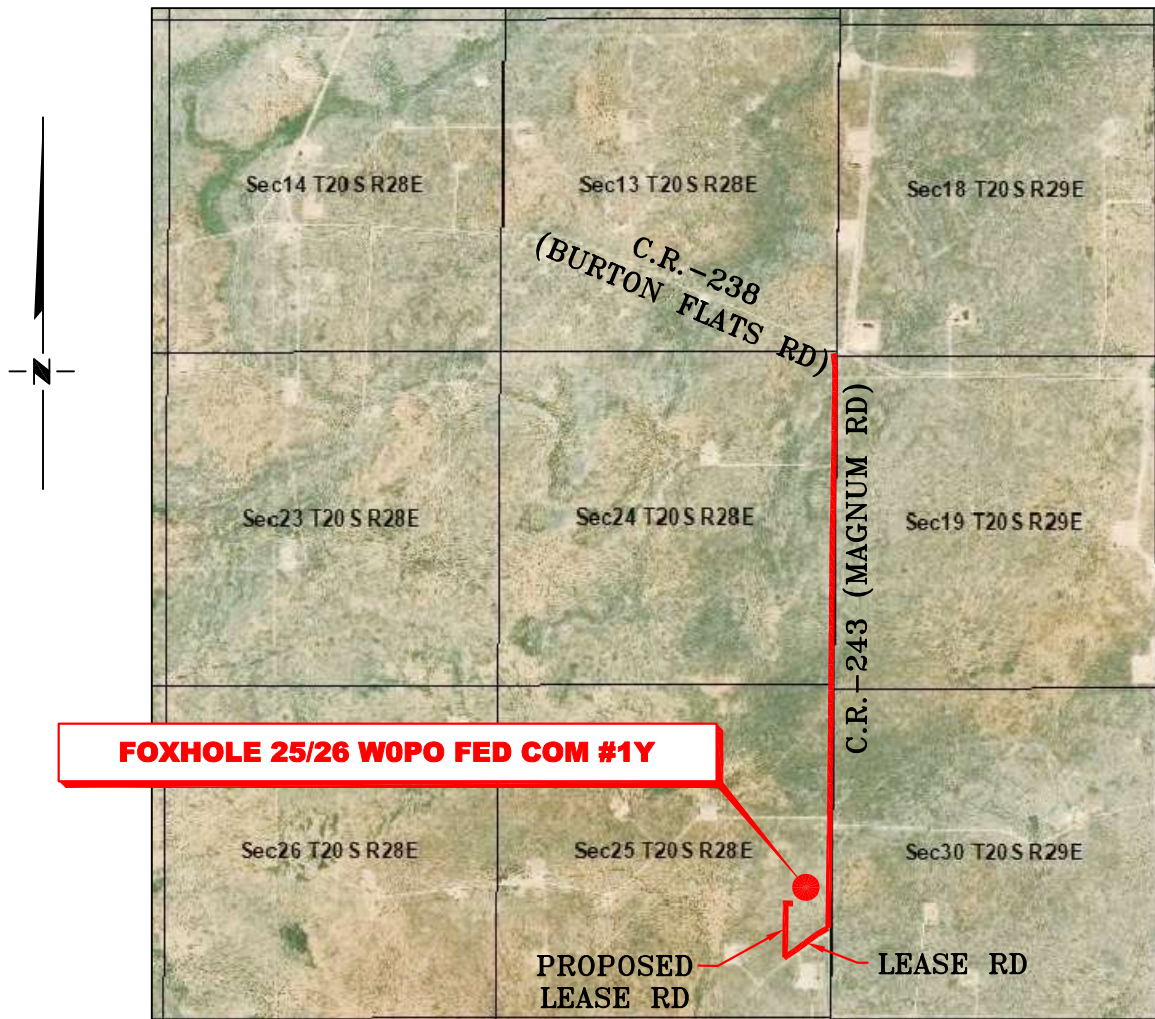
APPROVED BY: RMH

SHEET: 1 OF 1

NO.	REVISION	DATE
JOB NO.: LS19070727		
DWG. NO.: 19070727-2		

VICINITY MAP

NOT TO SCALE



SECTION 25, TWP. 20 SOUTH, RGE. 28 EAST,
N. M. P. M., EDDY COUNTY, NEW MEXICO

OPERATOR: Mewbourne Oil CompanyLOCATION: 2160' FSL & 380' FELLEASE: Foxhole 25/26 WPO Fed ComELEVATION: 3234'WELL NO.: 1Y

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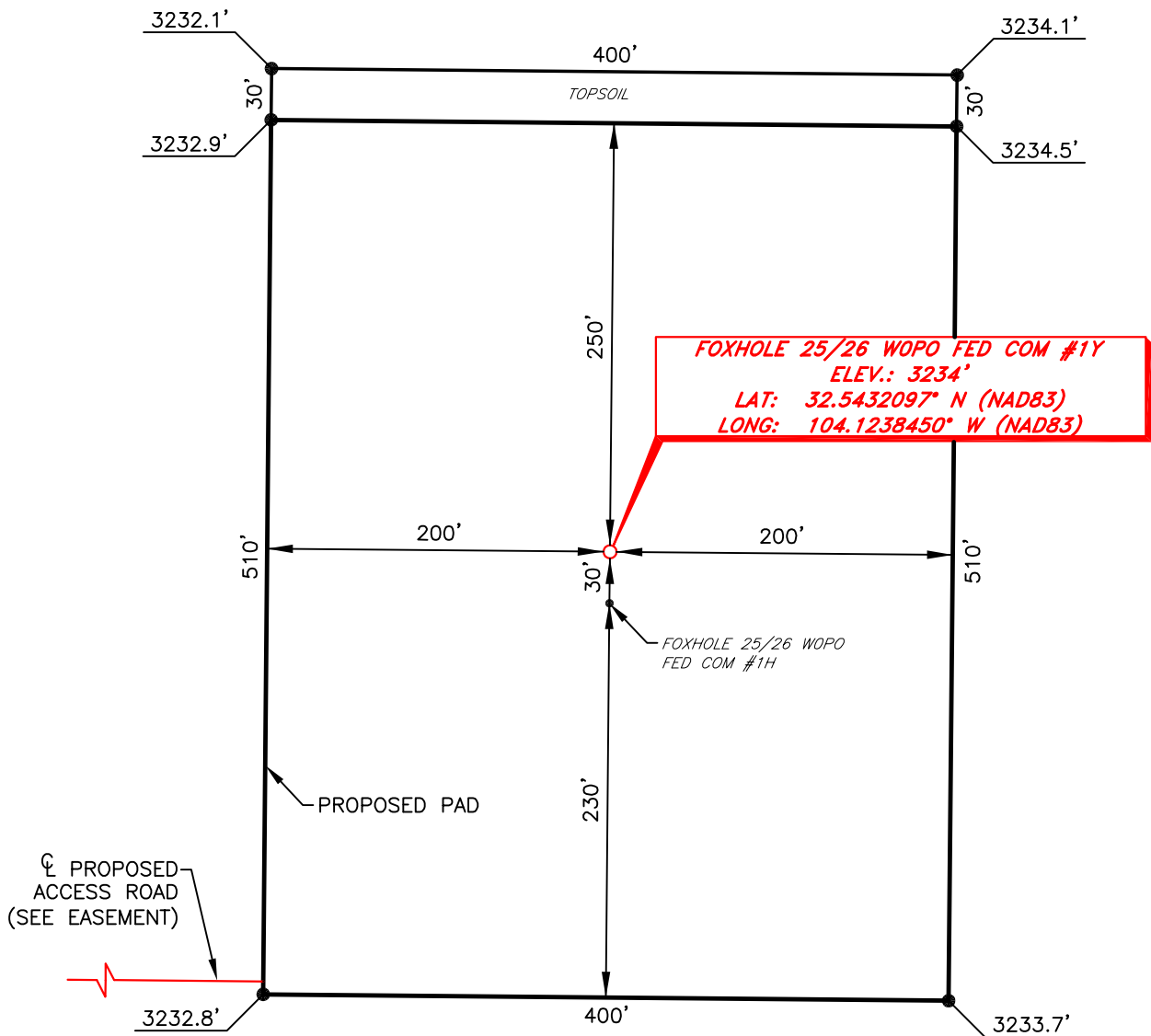
NO.	REVISION	DATE
JOB NO.: LS19070727		
DWG. NO.: 19070727-3		



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: N. T. S.
DATE: 07-17-2019
SURVEYED BY: ML/CG
DRAWN BY: KAKN
APPROVED BY: RMH
SHEET: 1 OF 1

MEWBOURNE OIL COMPANY
FOXHOLE 25/26 WOPO FED COM #1Y
(2160' FSL & 380' FEL)
SECTION 25, T20S, R28E
N. M. P. M., EDDY COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

From the intersection of CR-238 (Burton Flats Rd.) and CR-243 (Magnum Rd.);
Go South on CR-243 approx. 1.7 miles to a lease road on the right;
Turn right and go Southwest approx. 0.2 miles to a proposed road on the right;
Turn right and go North approx. 0.2 miles to a proposed road on the right;
Turn right and go East approx. 300 feet to proposed location on the left.

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this unclassified survey of a well location from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett

Robert M. Howett NM PS 19680



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SCALE: 1" = 100'
0 50 100
BEARINGS ARE
NAD 83 GRID - NM EAST
DISTANCES ARE GROUND

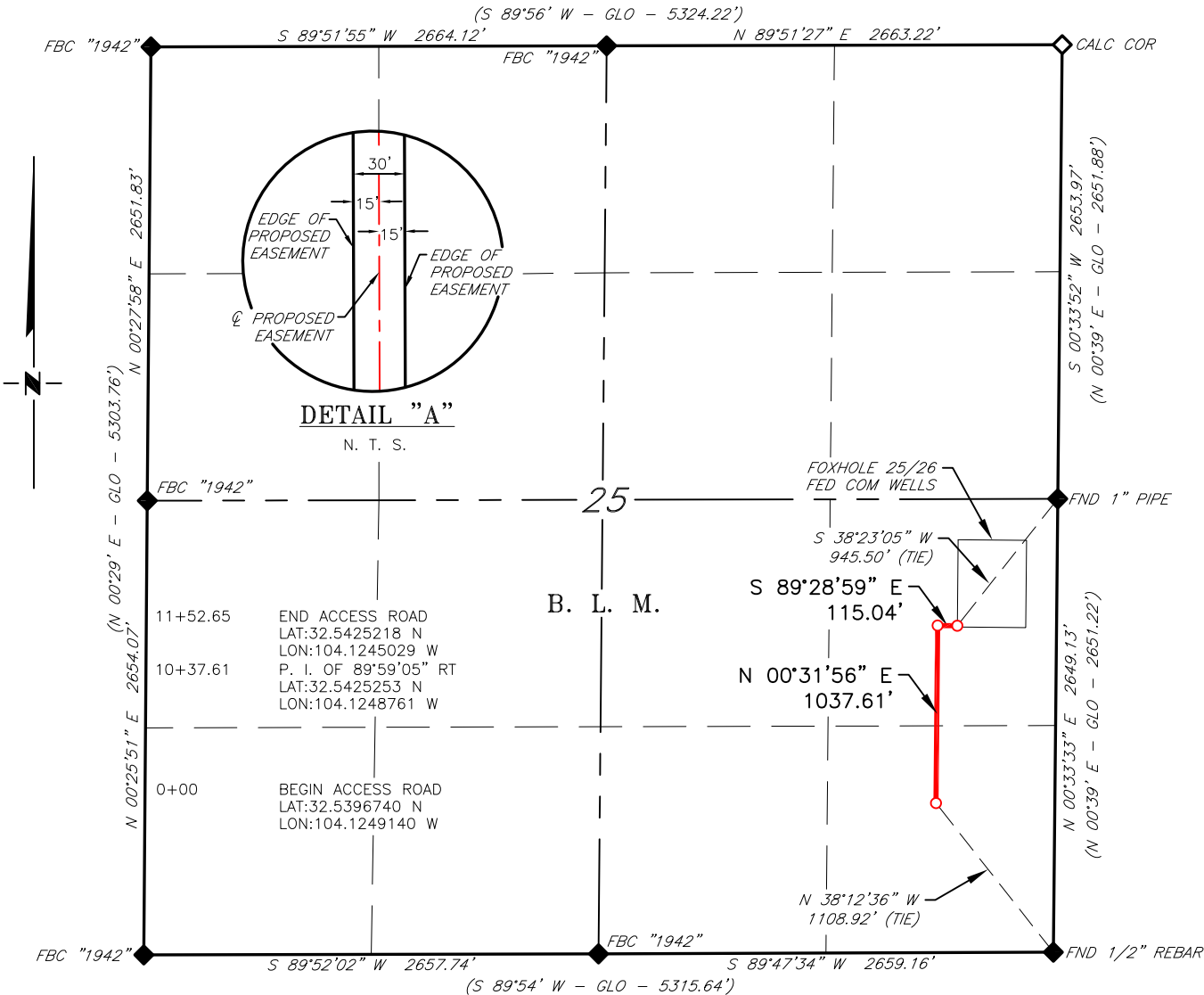
NO.	REVISION	DATE
JOB NO.: LS19070727		
DWG. NO.: 19070727-4		



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 100'
DATE: 07-17-2019
SURVEYED BY: ML/CG
DRAWN BY: KAKN
APPROVED BY: RMH
SHEET: 1 OF 1

MEWBOURNE OIL COMPANY
PROPOSED ACCESS ROAD FOR THE
FOXHOLE 25/26 FED COM WELL LOCATIONS
SECTION 25, T20S, R28E
N. M. P. M., EDDY COUNTY, NEW MEXICO



DESCRIPTION

A strip of land 30 feet wide, being 1,152.65 feet or 69.858 rods in length, lying in Section 25, Township 20 South, Range 28 East, N. M. P. M., Eddy County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 0+00, a point in the Southeast quarter of Section 25, which bears, N 38°12'36" W, 1,108.92 feet from a 1/2" rebar, found for the Southeast corner of Section 25;

Thence N 00°31'56" E, 1,037.61, to Engr. Sta. 10+37.61, a P. I. of 89°59'05" right;

Thence S 89°28'59" E, 115.04 feet, to Engr. Sta. 11+52.65, the End of Survey, a point in the Southeast quarter of Section 25, which bears, S 36°23'05" W, 945.50 feet from a 1" pipe, found for the East quarter corner of Section 25.

Said strip of land contains 0.794 acres, more or less, and is allocated by forties as follows:

SCALE: 1" = 1000'	SE 1/4 SE 1/4	27.348 Rods	0.311 Acres
0 500' 1000'	NE 1/4 SE 1/4	42.510 Rods	0.483 Acres

BEARINGS ARE GRID NAD 83
NM EAST
DISTANCES ARE HORIZ. GROUND.

LEGEND

- () RECORD DATA - GLO
- ◆ FOUND MONUMENT AS NOTED
- ◇ CALCULATED CORNER
- PROPOSED ACCESS ROAD

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett
Robert M. Howett NM PS 19680



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NO.	REVISION	DATE
JOB NO.:	LS19070727	
DWG. NO.:	19070727-5	



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 07-17-2019
SURVEYED BY: ML/CG
DRAWN BY: KAKN
APPROVED BY: RMH
SHEET: 1 OF 1



Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Foxhole Pad

Foxhole 25-26 W0PO Fed Com 1Y

OH

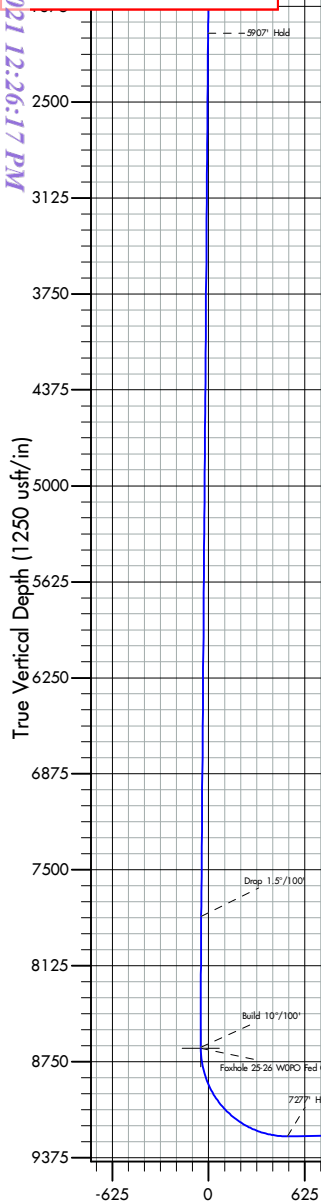
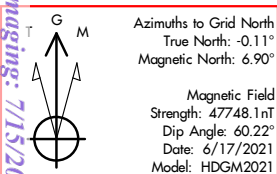
Plan: Plan #1

Standard Planning Report

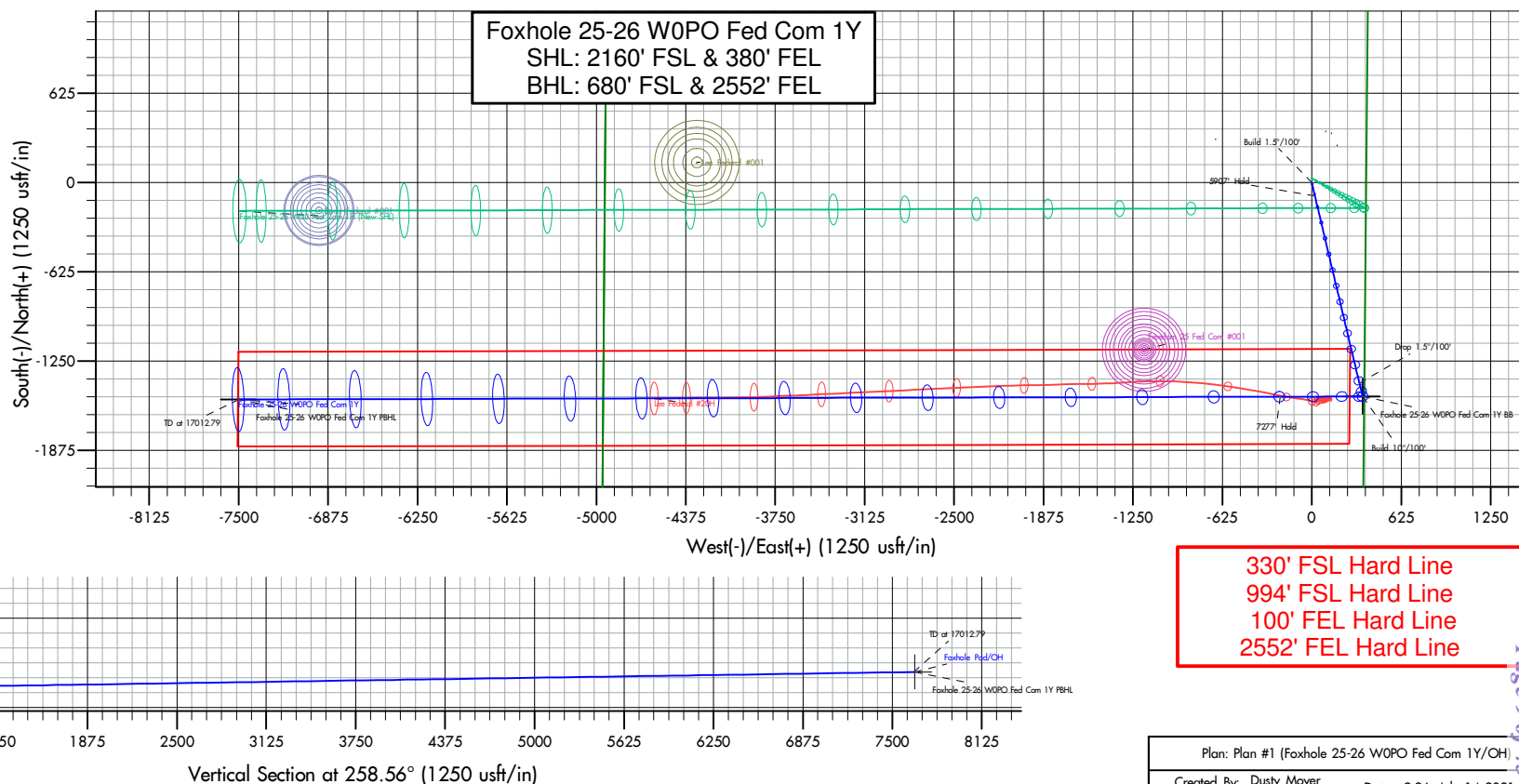
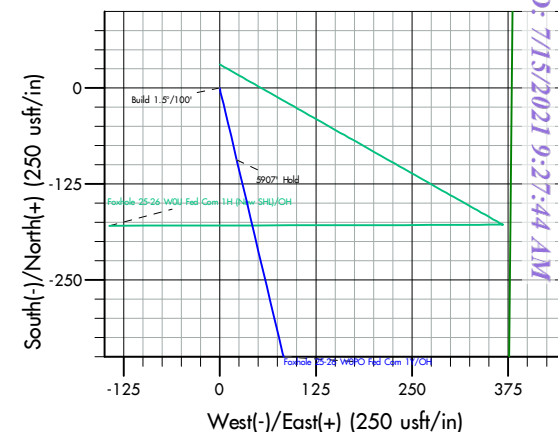
14 July, 2021



Project: Eddy Co., NM (NAD 83)
Site: Foxhole Pad
Well: Foxhole 25-26 WOPo Fed Com 1Y
Wellbore: OH
Design: Plan #1
Lat: 32.543210
Long: -104.123845
GL: 3234.00
KB: KB=27' @ 3261.00usft



WELL DETAILS: Foxhole 25-26 WOPO Fed Com 1Y																			
+N/-S 0.00		+E/-W 0.00		Northing 561413.80		Easting 605890.70		Latitude 32.543210		Longitude -104.123845									
WELLBORE TARGET DETAILS (LAT/LONG)																			
Name				TVD		+N/-S		+E/-W		Northing		Easting		Shape					
Foxhole 25-26 WOPO Fed Com 1Y BB				8663.11		-1498.01		355.25		559915.79		606245.95		Point					
Foxhole 25-26 WOPO Fed Com 1Y PBHL				9127.00		-1518.50		-7503.20		559895.30		598387.50		Point					
SECTION DETAILS																			
MD		Inc		Azi		TVD		+N/-S		+E/-W		Dleg		TFace		VSept		Annotation	
0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00			
1200.00		0.00		0.00		1200.00		0.00		0.00		0.00		0.00		0.00		Build 1.5°/100'	
2077.73		13.17		166.66		2070.03		-97.69		23.17		1.50		166.66		-3.33			
7955.28		13.17		166.66		7793.08		-1400.31		332.09		0.00		0.00		-47.72			
8833.01		0.00		0.00		8663.11		-1498.01		355.25		1.50		180.00		-51.05			
9741.60		90.86		269.85		9236.00		-1499.52		-226.28		10.00		269.85		519.23			
17019.35		90.86		269.85		9127.00		-1518.50		-7503.20		0.00		0.00		7655.32			



330' FSL Hard Line
994' FSL Hard Line
100' FEL Hard Line
2552' FEL Hard Line



Altitude Energy Partners

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Company:	Mewbourne Oil Company	TVD Reference:	KB=27' @ 3261.00usft
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=27' @ 3261.00usft
Site:	Foxhole Pad	North Reference:	Grid
Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project	Eddy Co., NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Foxhole Pad			
Site Position:		Northing:	561,383.80 usft	Latitude:	32.543127
From:	Map	Easting:	605,890.40 usft	Longitude:	-104.123846
Position Uncertainty:		0.00 usft	Slot Radius:	13-3/16 "	

Well	Foxhole 25-26 W0PO Fed Com 1Y					
Well Position	+N/-S	0.00 usft	Northing:	561,413.80 usft	Latitude:	32.543210
	+E/-W	0.00 usft	Easting:	605,890.70 usft	Longitude:	-104.123845
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,234.00 usft
Grid Convergence:		0.11 °				

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021	6/17/2021	7.02	60.22	47,748.10000000

Design	Plan #1				
Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	258.56	

Plan Survey Tool Program	Date	7/14/2021			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	17,019.37 Plan #1 (OH)	MWD + HDGM		
			MWD + HDGM - Standard		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,077.73	13.17	166.66	2,070.03	-97.69	23.17	1.50	1.50	0.00	166.66	
7,955.28	13.17	166.66	7,793.08	-1,400.31	332.09	0.00	0.00	0.00	0.00	
8,833.01	0.00	0.00	8,663.11	-1,498.01	355.25	1.50	-1.50	0.00	180.00	Foxhole 25-26 W0PO
9,741.60	90.86	269.85	9,236.00	-1,499.52	-226.28	10.00	10.00	-9.92	269.85	
17,019.35	90.86	269.85	9,127.00	-1,518.50	-7,503.20	0.00	0.00	0.00	0.00	Foxhole 25-26 W0PO



Altitude Energy Partners

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Company:	Mewbourne Oil Company	TVD Reference:	KB=27' @ 3261.00usft
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=27' @ 3261.00usft
Site:	Foxhole Pad	North Reference:	Grid
Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
580.00	0.00	0.00	580.00	0.00	0.00	0.00	0.00	0.00	0.00
Salt Top									
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
754.00	0.00	0.00	754.00	0.00	0.00	0.00	0.00	0.00	0.00
Salt Base									
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
930.00	0.00	0.00	930.00	0.00	0.00	0.00	0.00	0.00	0.00
Yates									
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
Build 1.5°/100'									
1,300.00	1.50	166.66	1,299.99	-1.27	0.30	-0.04	1.50	1.50	0.00
1,347.04	2.21	166.66	1,347.00	-2.75	0.65	-0.09	1.50	1.50	0.00
Capitan									
1,400.00	3.00	166.66	1,399.91	-5.09	1.21	-0.17	1.50	1.50	0.00
1,500.00	4.50	166.66	1,499.69	-11.46	2.72	-0.39	1.50	1.50	0.00
1,600.00	6.00	166.66	1,599.27	-20.36	4.83	-0.69	1.50	1.50	0.00
1,700.00	7.50	166.66	1,698.57	-31.80	7.54	-1.08	1.50	1.50	0.00
1,800.00	9.00	166.66	1,797.54	-45.76	10.85	-1.56	1.50	1.50	0.00
1,900.00	10.50	166.66	1,896.09	-62.24	14.76	-2.12	1.50	1.50	0.00
2,000.00	12.00	166.66	1,994.16	-81.22	19.26	-2.77	1.50	1.50	0.00
2,059.35	12.89	166.66	2,052.12	-93.66	22.21	-3.19	1.50	1.50	0.00
5907' Hold									
2,077.73	13.17	166.66	2,070.03	-97.69	23.17	-3.33	1.50	1.50	0.00
2,100.00	13.17	166.66	2,091.71	-102.63	24.34	-3.50	0.00	0.00	0.00
2,200.00	13.17	166.66	2,189.08	-124.79	29.59	-4.25	0.00	0.00	0.00
2,300.00	13.17	166.66	2,286.45	-146.95	34.85	-5.01	0.00	0.00	0.00
2,400.00	13.17	166.66	2,383.82	-169.12	40.11	-5.76	0.00	0.00	0.00
2,500.00	13.17	166.66	2,481.20	-191.28	45.36	-6.52	0.00	0.00	0.00
2,600.00	13.17	166.66	2,578.57	-213.44	50.62	-7.27	0.00	0.00	0.00
2,700.00	13.17	166.66	2,675.94	-235.61	55.87	-8.03	0.00	0.00	0.00
2,800.00	13.17	166.66	2,773.31	-257.77	61.13	-8.78	0.00	0.00	0.00
2,900.00	13.17	166.66	2,870.68	-279.93	66.39	-9.54	0.00	0.00	0.00
3,000.00	13.17	166.66	2,968.05	-302.09	71.64	-10.30	0.00	0.00	0.00
3,027.67	13.17	166.66	2,995.00	-308.23	73.10	-10.50	0.00	0.00	0.00
Delaware (Lamar)									
3,100.00	13.17	166.66	3,065.42	-324.26	76.90	-11.05	0.00	0.00	0.00
3,200.00	13.17	166.66	3,162.80	-346.42	82.15	-11.81	0.00	0.00	0.00
3,300.00	13.17	166.66	3,260.17	-368.58	87.41	-12.56	0.00	0.00	0.00
3,400.00	13.17	166.66	3,357.54	-390.74	92.67	-13.32	0.00	0.00	0.00
3,500.00	13.17	166.66	3,454.91	-412.91	97.92	-14.07	0.00	0.00	0.00
3,600.00	13.17	166.66	3,552.28	-435.07	103.18	-14.83	0.00	0.00	0.00
3,700.00	13.17	166.66	3,649.65	-457.23	108.43	-15.58	0.00	0.00	0.00
3,800.00	13.17	166.66	3,747.02	-479.39	113.69	-16.34	0.00	0.00	0.00



Altitude Energy Partners

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Company:	Mewbourne Oil Company	TVD Reference:	KB=27' @ 3261.00usft
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=27' @ 3261.00usft
Site:	Foxhole Pad	North Reference:	Grid
Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,900.00	13.17	166.66	3,844.40	-501.56	118.94	-17.09	0.00	0.00	0.00
4,000.00	13.17	166.66	3,941.77	-523.72	124.20	-17.85	0.00	0.00	0.00
4,100.00	13.17	166.66	4,039.14	-545.88	129.46	-18.60	0.00	0.00	0.00
4,200.00	13.17	166.66	4,136.51	-568.04	134.71	-19.36	0.00	0.00	0.00
4,300.00	13.17	166.66	4,233.88	-590.21	139.97	-20.11	0.00	0.00	0.00
4,400.00	13.17	166.66	4,331.25	-612.37	145.22	-20.87	0.00	0.00	0.00
4,500.00	13.17	166.66	4,428.62	-634.53	150.48	-21.62	0.00	0.00	0.00
4,600.00	13.17	166.66	4,526.00	-656.70	155.74	-22.38	0.00	0.00	0.00
4,700.00	13.17	166.66	4,623.37	-678.86	160.99	-23.14	0.00	0.00	0.00
4,800.00	13.17	166.66	4,720.74	-701.02	166.25	-23.89	0.00	0.00	0.00
4,900.00	13.17	166.66	4,818.11	-723.18	171.50	-24.65	0.00	0.00	0.00
5,000.00	13.17	166.66	4,915.48	-745.35	176.76	-25.40	0.00	0.00	0.00
5,100.00	13.17	166.66	5,012.85	-767.51	182.02	-26.16	0.00	0.00	0.00
5,200.00	13.17	166.66	5,110.22	-789.67	187.27	-26.91	0.00	0.00	0.00
5,300.00	13.17	166.66	5,207.60	-811.83	192.53	-27.67	0.00	0.00	0.00
5,400.00	13.17	166.66	5,304.97	-834.00	197.78	-28.42	0.00	0.00	0.00
5,500.00	13.17	166.66	5,402.34	-856.16	203.04	-29.18	0.00	0.00	0.00
5,600.00	13.17	166.66	5,499.71	-878.32	208.29	-29.93	0.00	0.00	0.00
5,697.86	13.17	166.66	5,595.00	-900.01	213.44	-30.67	0.00	0.00	0.00
Bone Spring									
5,700.00	13.17	166.66	5,597.08	-900.48	213.55	-30.69	0.00	0.00	0.00
5,800.00	13.17	166.66	5,694.45	-922.65	218.81	-31.44	0.00	0.00	0.00
5,900.00	13.17	166.66	5,791.82	-944.81	224.06	-32.20	0.00	0.00	0.00
6,000.00	13.17	166.66	5,889.20	-966.97	229.32	-32.95	0.00	0.00	0.00
6,100.00	13.17	166.66	5,986.57	-989.13	234.57	-33.71	0.00	0.00	0.00
6,200.00	13.17	166.66	6,083.94	-1,011.30	239.83	-34.46	0.00	0.00	0.00
6,300.00	13.17	166.66	6,181.31	-1,033.46	245.09	-35.22	0.00	0.00	0.00
6,400.00	13.17	166.66	6,278.68	-1,055.62	250.34	-35.98	0.00	0.00	0.00
6,500.00	13.17	166.66	6,376.05	-1,077.79	255.60	-36.73	0.00	0.00	0.00
6,600.00	13.17	166.66	6,473.42	-1,099.95	260.85	-37.49	0.00	0.00	0.00
6,700.00	13.17	166.66	6,570.80	-1,122.11	266.11	-38.24	0.00	0.00	0.00
6,800.00	13.17	166.66	6,668.17	-1,144.27	271.37	-39.00	0.00	0.00	0.00
6,863.50	13.17	166.66	6,730.00	-1,158.35	274.70	-39.48	0.00	0.00	0.00
1st Bone Spring Sand									
6,900.00	13.17	166.66	6,765.54	-1,166.44	276.62	-39.75	0.00	0.00	0.00
7,000.00	13.17	166.66	6,862.91	-1,188.60	281.88	-40.51	0.00	0.00	0.00
7,100.00	13.17	166.66	6,960.28	-1,210.76	287.13	-41.26	0.00	0.00	0.00
7,200.00	13.17	166.66	7,057.65	-1,232.92	292.39	-42.02	0.00	0.00	0.00
7,300.00	13.17	166.66	7,155.02	-1,255.09	297.64	-42.77	0.00	0.00	0.00
7,400.00	13.17	166.66	7,252.40	-1,277.25	302.90	-43.53	0.00	0.00	0.00
7,500.00	13.17	166.66	7,349.77	-1,299.41	308.16	-44.28	0.00	0.00	0.00
7,525.91	13.17	166.66	7,375.00	-1,305.15	309.52	-44.48	0.00	0.00	0.00
2nd Bone Spring Sand									
7,600.00	13.17	166.66	7,447.14	-1,321.57	313.41	-45.04	0.00	0.00	0.00
7,700.00	13.17	166.66	7,544.51	-1,343.74	318.67	-45.79	0.00	0.00	0.00
7,800.00	13.17	166.66	7,641.88	-1,365.90	323.92	-46.55	0.00	0.00	0.00
7,900.00	13.17	166.66	7,739.25	-1,388.06	329.18	-47.30	0.00	0.00	0.00
7,955.28	13.17	166.66	7,793.08	-1,400.31	332.09	-47.72	0.00	0.00	0.00
7,967.10	12.99	166.66	7,804.59	-1,402.92	332.70	-47.81	1.50	-1.50	0.00
Drop 1.5°/100'									
8,000.00	12.50	166.66	7,836.68	-1,409.98	334.38	-48.05	1.50	-1.50	0.00
8,100.00	11.00	166.66	7,934.59	-1,429.78	339.07	-48.73	1.50	-1.50	0.00
8,200.00	9.50	166.66	8,032.99	-1,447.09	343.18	-49.32	1.50	-1.50	0.00



Altitude Energy Partners

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Company:	Mewbourne Oil Company	TVD Reference:	KB=27' @ 3261.00usft
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=27' @ 3261.00usft
Site:	Foxhole Pad	North Reference:	Grid
Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,300.00	8.00	166.66	8,131.82	-1,461.88	346.69	-49.82	1.50	-1.50	0.00
8,400.00	6.50	166.66	8,231.02	-1,474.15	349.60	-50.24	1.50	-1.50	0.00
8,500.00	5.00	166.66	8,330.52	-1,483.89	351.91	-50.57	1.50	-1.50	0.00
8,600.00	3.50	166.66	8,430.24	-1,491.10	353.61	-50.82	1.50	-1.50	0.00
8,700.00	2.00	166.66	8,530.12	-1,495.76	354.72	-50.97	1.50	-1.50	0.00
8,800.00	0.50	166.66	8,630.10	-1,497.87	355.22	-51.05	1.50	-1.50	0.00
8,826.45	0.10	166.66	8,656.55	-1,498.00	355.25	-51.05	1.50	-1.50	0.00
Build 10°/100'									
8,833.01	0.00	0.00	8,663.11	-1,498.01	355.25	-51.05	1.50	-1.50	0.00
8,850.00	1.70	269.85	8,680.09	-1,498.01	355.00	-50.80	10.00	10.00	0.00
8,881.96	4.89	269.85	8,712.00	-1,498.01	353.16	-49.00	10.00	10.00	0.00
3rd Bone Spring Sand									
8,900.00	6.70	269.85	8,729.94	-1,498.02	351.34	-47.22	10.00	10.00	0.00
8,950.00	11.70	269.85	8,779.28	-1,498.04	343.35	-39.38	10.00	10.00	0.00
9,000.00	16.70	269.85	8,827.74	-1,498.07	331.09	-27.36	10.00	10.00	0.00
9,050.00	21.70	269.85	8,874.95	-1,498.11	314.66	-11.24	10.00	10.00	0.00
9,100.00	26.70	269.85	8,920.54	-1,498.17	294.17	8.85	10.00	10.00	0.00
9,150.00	31.70	269.85	8,964.17	-1,498.23	269.78	32.77	10.00	10.00	0.00
9,200.00	36.70	269.85	9,005.51	-1,498.30	241.69	60.32	10.00	10.00	0.00
9,250.00	41.70	269.85	9,044.25	-1,498.39	210.10	91.29	10.00	10.00	0.00
9,300.00	46.70	269.85	9,080.08	-1,498.48	175.25	125.47	10.00	10.00	0.00
9,350.00	51.70	269.85	9,112.74	-1,498.58	137.42	162.57	10.00	10.00	0.00
9,353.65	52.06	269.85	9,115.00	-1,498.58	134.54	165.39	10.00	10.00	0.00
Wolfcamp									
9,400.00	56.70	269.85	9,141.98	-1,498.68	96.88	202.33	10.00	10.00	0.00
9,450.00	61.70	269.85	9,167.58	-1,498.79	53.94	244.43	10.00	10.00	0.00
9,500.00	66.70	269.85	9,189.34	-1,498.91	8.94	288.56	10.00	10.00	0.00
9,550.00	71.70	269.85	9,207.09	-1,499.03	-37.78	334.38	10.00	10.00	0.00
9,600.00	76.70	269.85	9,220.70	-1,499.16	-85.88	381.54	10.00	10.00	0.00
9,650.00	81.70	269.85	9,230.06	-1,499.29	-134.98	429.69	10.00	10.00	0.00
9,700.00	86.70	269.85	9,235.12	-1,499.42	-184.71	478.46	10.00	10.00	0.00
9,735.04	90.20	269.85	9,236.06	-1,499.51	-219.72	512.80	10.00	10.00	0.00
7277' Hold									
9,741.60	90.86	269.85	9,236.00	-1,499.52	-226.28	519.23	10.00	10.00	0.00
9,800.00	90.86	269.85	9,235.13	-1,499.68	-284.68	576.50	0.00	0.00	0.00
9,900.00	90.86	269.85	9,233.63	-1,499.94	-384.67	674.55	0.00	0.00	0.00
10,000.00	90.86	269.85	9,232.13	-1,500.20	-484.66	772.60	0.00	0.00	0.00
10,100.00	90.86	269.85	9,230.64	-1,500.46	-584.65	870.66	0.00	0.00	0.00
10,200.00	90.86	269.85	9,229.14	-1,500.72	-684.63	968.71	0.00	0.00	0.00
10,300.00	90.86	269.85	9,227.64	-1,500.98	-784.62	1,066.76	0.00	0.00	0.00
10,400.00	90.86	269.85	9,226.14	-1,501.24	-884.61	1,164.82	0.00	0.00	0.00
10,500.00	90.86	269.85	9,224.64	-1,501.50	-984.60	1,262.87	0.00	0.00	0.00
10,600.00	90.86	269.85	9,223.15	-1,501.76	-1,084.59	1,360.92	0.00	0.00	0.00
10,700.00	90.86	269.85	9,221.65	-1,502.02	-1,184.58	1,458.98	0.00	0.00	0.00
10,800.00	90.86	269.85	9,220.15	-1,502.28	-1,284.56	1,557.03	0.00	0.00	0.00
10,900.00	90.86	269.85	9,218.65	-1,502.55	-1,384.55	1,655.08	0.00	0.00	0.00
11,000.00	90.86	269.85	9,217.16	-1,502.81	-1,484.54	1,753.14	0.00	0.00	0.00
11,100.00	90.86	269.85	9,215.66	-1,503.07	-1,584.53	1,851.19	0.00	0.00	0.00
11,200.00	90.86	269.85	9,214.16	-1,503.33	-1,684.52	1,949.24	0.00	0.00	0.00
11,300.00	90.86	269.85	9,212.66	-1,503.59	-1,784.51	2,047.30	0.00	0.00	0.00
11,400.00	90.86	269.85	9,211.16	-1,503.85	-1,884.50	2,145.35	0.00	0.00	0.00
11,500.00	90.86	269.85	9,209.67	-1,504.11	-1,984.48	2,243.40	0.00	0.00	0.00
11,600.00	90.86	269.85	9,208.17	-1,504.37	-2,084.47	2,341.46	0.00	0.00	0.00
11,700.00	90.86	269.85	9,206.67	-1,504.63	-2,184.46	2,439.51	0.00	0.00	0.00



Altitude Energy Partners

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Company:	Mewbourne Oil Company	TVD Reference:	KB=27' @ 3261.00usft
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=27' @ 3261.00usft
Site:	Foxhole Pad	North Reference:	Grid
Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,800.00	90.86	269.85	9,205.17	-1,504.89	-2,284.45	2,537.56	0.00	0.00	0.00
11,900.00	90.86	269.85	9,203.68	-1,505.15	-2,384.44	2,635.62	0.00	0.00	0.00
12,000.00	90.86	269.85	9,202.18	-1,505.41	-2,484.43	2,733.67	0.00	0.00	0.00
12,100.00	90.86	269.85	9,200.68	-1,505.67	-2,584.41	2,831.72	0.00	0.00	0.00
12,200.00	90.86	269.85	9,199.18	-1,505.93	-2,684.40	2,929.78	0.00	0.00	0.00
12,300.00	90.86	269.85	9,197.68	-1,506.20	-2,784.39	3,027.83	0.00	0.00	0.00
12,400.00	90.86	269.85	9,196.19	-1,506.46	-2,884.38	3,125.88	0.00	0.00	0.00
12,500.00	90.86	269.85	9,194.69	-1,506.72	-2,984.37	3,223.94	0.00	0.00	0.00
12,600.00	90.86	269.85	9,193.19	-1,506.98	-3,084.36	3,321.99	0.00	0.00	0.00
12,700.00	90.86	269.85	9,191.69	-1,507.24	-3,184.35	3,420.04	0.00	0.00	0.00
12,800.00	90.86	269.85	9,190.20	-1,507.50	-3,284.33	3,518.10	0.00	0.00	0.00
12,900.00	90.86	269.85	9,188.70	-1,507.76	-3,384.32	3,616.15	0.00	0.00	0.00
13,000.00	90.86	269.85	9,187.20	-1,508.02	-3,484.31	3,714.20	0.00	0.00	0.00
13,100.00	90.86	269.85	9,185.70	-1,508.28	-3,584.30	3,812.26	0.00	0.00	0.00
13,200.00	90.86	269.85	9,184.21	-1,508.54	-3,684.29	3,910.31	0.00	0.00	0.00
13,300.00	90.86	269.85	9,182.71	-1,508.80	-3,784.28	4,008.36	0.00	0.00	0.00
13,400.00	90.86	269.85	9,181.21	-1,509.06	-3,884.26	4,106.42	0.00	0.00	0.00
13,500.00	90.86	269.85	9,179.71	-1,509.32	-3,984.25	4,204.47	0.00	0.00	0.00
13,600.00	90.86	269.85	9,178.21	-1,509.58	-4,084.24	4,302.52	0.00	0.00	0.00
13,700.00	90.86	269.85	9,176.72	-1,509.85	-4,184.23	4,400.58	0.00	0.00	0.00
13,800.00	90.86	269.85	9,175.22	-1,510.11	-4,284.22	4,498.63	0.00	0.00	0.00
13,900.00	90.86	269.85	9,173.72	-1,510.37	-4,384.21	4,596.68	0.00	0.00	0.00
14,000.00	90.86	269.85	9,172.22	-1,510.63	-4,484.20	4,694.74	0.00	0.00	0.00
14,100.00	90.86	269.85	9,170.73	-1,510.89	-4,584.18	4,792.79	0.00	0.00	0.00
14,200.00	90.86	269.85	9,169.23	-1,511.15	-4,684.17	4,890.84	0.00	0.00	0.00
14,300.00	90.86	269.85	9,167.73	-1,511.41	-4,784.16	4,988.90	0.00	0.00	0.00
14,400.00	90.86	269.85	9,166.23	-1,511.67	-4,884.15	5,086.95	0.00	0.00	0.00
14,500.00	90.86	269.85	9,164.73	-1,511.93	-4,984.14	5,185.00	0.00	0.00	0.00
14,600.00	90.86	269.85	9,163.24	-1,512.19	-5,084.13	5,283.06	0.00	0.00	0.00
14,700.00	90.86	269.85	9,161.74	-1,512.45	-5,184.11	5,381.11	0.00	0.00	0.00
14,800.00	90.86	269.85	9,160.24	-1,512.71	-5,284.10	5,479.16	0.00	0.00	0.00
14,900.00	90.86	269.85	9,158.74	-1,512.97	-5,384.09	5,577.22	0.00	0.00	0.00
15,000.00	90.86	269.85	9,157.25	-1,513.24	-5,484.08	5,675.27	0.00	0.00	0.00
15,100.00	90.86	269.85	9,155.75	-1,513.50	-5,584.07	5,773.32	0.00	0.00	0.00
15,200.00	90.86	269.85	9,154.25	-1,513.76	-5,684.06	5,871.38	0.00	0.00	0.00
15,300.00	90.86	269.85	9,152.75	-1,514.02	-5,784.04	5,969.43	0.00	0.00	0.00
15,400.00	90.86	269.85	9,151.25	-1,514.28	-5,884.03	6,067.48	0.00	0.00	0.00
15,500.00	90.86	269.85	9,149.76	-1,514.54	-5,984.02	6,165.54	0.00	0.00	0.00
15,600.00	90.86	269.85	9,148.26	-1,514.80	-6,084.01	6,263.59	0.00	0.00	0.00
15,700.00	90.86	269.85	9,146.76	-1,515.06	-6,184.00	6,361.64	0.00	0.00	0.00
15,800.00	90.86	269.85	9,145.26	-1,515.32	-6,283.99	6,459.70	0.00	0.00	0.00
15,900.00	90.86	269.85	9,143.77	-1,515.58	-6,383.98	6,557.75	0.00	0.00	0.00
16,000.00	90.86	269.85	9,142.27	-1,515.84	-6,483.96	6,655.80	0.00	0.00	0.00
16,100.00	90.86	269.85	9,140.77	-1,516.10	-6,583.95	6,753.86	0.00	0.00	0.00
16,200.00	90.86	269.85	9,139.27	-1,516.36	-6,683.94	6,851.91	0.00	0.00	0.00
16,300.00	90.86	269.85	9,137.77	-1,516.62	-6,783.93	6,949.96	0.00	0.00	0.00
16,400.00	90.86	269.85	9,136.28	-1,516.89	-6,883.92	7,048.02	0.00	0.00	0.00
16,500.00	90.86	269.85	9,134.78	-1,517.15	-6,983.91	7,146.07	0.00	0.00	0.00
16,600.00	90.86	269.85	9,133.28	-1,517.41	-7,083.89	7,244.12	0.00	0.00	0.00
16,700.00	90.86	269.85	9,131.78	-1,517.67	-7,183.88	7,342.18	0.00	0.00	0.00
16,800.00	90.86	269.85	9,130.29	-1,517.93	-7,283.87	7,440.23	0.00	0.00	0.00
16,900.00	90.86	269.85	9,128.79	-1,518.19	-7,383.86	7,538.28	0.00	0.00	0.00
17,000.00	90.86	269.85	9,127.29	-1,518.45	-7,483.85	7,636.34	0.00	0.00	0.00
17,012.79	90.86	269.85	9,127.10	-1,518.48	-7,496.64	7,648.88	0.00	0.00	0.00



Altitude Energy Partners

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Company:	Mewbourne Oil Company	TVD Reference:	KB=27' @ 3261.00usft
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=27' @ 3261.00usft
Site:	Foxhole Pad	North Reference:	Grid
Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
TD at 17012.79									
17,019.35	90.86	269.85	9,127.00	-1,518.50	-7,503.20	7,655.32	0.00	0.00	0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Foxhole 25-26 W0PO Fε - plan hits target center - Point	0.00	0.00	8,663.11	-1,498.01	355.25	559,915.79	606,245.96	32.539090	-104.122702
Foxhole 25-26 W0PO Fε - plan hits target center - Point	0.00	0.00	9,127.00	-1,518.50	-7,503.20	559,895.30	598,387.50	32.539074	-104.148203

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
580.00	580.00	Salt Top				
754.00	754.00	Salt Base				
930.00	930.00	Yates				
1,347.04	1,347.00	Capitan				
3,027.67	2,995.00	Delaware (Lamar)				
5,697.86	5,595.00	Bone Spring				
6,863.50	6,730.00	1st Bone Spring Sand				
7,525.91	7,375.00	2nd Bone Spring Sand				
8,881.96	8,712.00	3rd Bone Spring Sand				
9,353.65	9,115.00	Wolfcamp				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
1,200.00	1,200.00	0.00	0.00	Build 1.5°/100'	
2,059.35	2,052.12	-93.66	22.21	5907' Hold	
7,967.10	7,804.59	-1,402.92	332.70	Drop 1.5°/100'	
8,826.45	8,656.55	-1,498.00	355.25	Build 10°/100'	
9,735.04	9,236.06	-1,499.51	-219.72	7277' Hold	
17,012.79	9,127.10	-1,518.48	-7,496.64	TD at 17012.79	



Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Foxhole Pad

Foxhole 25-26 W0PO Fed Com 1Y

OH

Plan #1

Anticollision Report

14 July, 2021



Altitude Energy Partners

Anticollision Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3261.00usft
Reference Site:	Foxhole Pad	MD Reference:	KB=27' @ 3261.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Reference	Plan #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum centre distance of 1,000.00usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program		Date	7/14/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	17,019.37	Plan #1 (OH)	MWD + HDGM	MWD + HDGM - Standard	

Summary							
Site Name	Offset Well - Wellbore - Design	Reference	Offset	Distance		Separation	Warning
		Measured	Measured	Between	Between		
		Depth	Depth	Centres	Ellipses	Factor	
		(usft)	(usft)	(usft)	(usft)		
Foxhole Offsets							
	Doris Federal #001 - OH - OH						Out of range
	Freedom 25 Fed Com #001 - OH - OH	10,686.37	9,190.69	331.01	46.19	1.162	Level 3, CC, ES, SF
	Lee Federal #001 - OH - OH						Out of range
	Lee Federal #20H - OH - OH	7,419.26	7,230.57	387.30	331.39	6.927	CC, ES, SF
Foxhole Pad							
	Foxhole 25-26 W0IJ Fed Com 1H (New SHL) - OH - Plan	1,201.01	1,202.02	30.72	22.30	3.648	CC
	Foxhole 25-26 W0IJ Fed Com 1H (New SHL) - OH - Plan	1,300.00	1,301.39	31.35	22.25	3.445	ES
	Foxhole 25-26 W0IJ Fed Com 1H (New SHL) - OH - Plan	1,400.00	1,401.70	33.39	23.63	3.420	SF

Offset Design:	Foxhole Offsets - Freedom 25 Fed Com #001 - OH - OH												Offset Site Error:	0.00 usft
Survey Program:	229-INC-ONLY												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre	Distance	Rule Assigned:	Offset	Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,800.00	9,235.13	9,204.21	9,200.37	38.93	232.67	92.33	-1,170.43	-1,171.81	946.26	674.92	271.35	3.487		
9,900.00	9,233.63	9,202.67	9,198.84	38.97	232.64	92.07	-1,170.43	-1,171.81	853.33	581.74	271.59	3.142		
10,000.00	9,232.13	9,201.14	9,197.30	39.83	232.61	91.81	-1,170.43	-1,171.81	762.19	490.21	271.98	2.802		
10,100.00	9,230.64	9,199.61	9,195.77	41.33	232.58	91.54	-1,170.43	-1,171.81	673.56	400.99	272.57	2.471		
10,200.00	9,229.14	9,198.08	9,194.24	42.98	232.55	91.28	-1,170.43	-1,171.81	588.59	315.09	273.49	2.152		
10,300.00	9,227.64	9,196.54	9,192.71	44.77	232.52	91.01	-1,170.43	-1,171.81	509.10	234.19	274.91	1.852		
10,400.00	9,226.14	9,195.01	9,191.17	46.66	232.49	90.75	-1,170.43	-1,171.81	438.09	161.07	277.02	1.581		
10,500.00	9,224.64	9,193.48	9,189.64	48.65	232.46	90.48	-1,170.98	-1,171.81	379.86	99.99	279.87	1.357	Level 3	
10,600.00	9,223.15	9,191.98	9,188.15	50.72	232.43	90.22	-1,170.98	-1,171.81	342.09	59.12	282.97	1.209	Level 3	
10,686.37	9,221.85	9,190.69	9,186.85	52.58	232.41	90.00	-1,170.98	-1,171.81	331.01	46.19	284.82	1.162	Level 3, CC, ES, SF	
10,700.00	9,221.65	9,190.48	9,186.65	52.87	232.40	89.96	-1,170.98	-1,171.81	331.29	46.31	284.98	1.163	Level 3	
10,800.00	9,220.15	9,188.98	9,185.15	55.08	232.37	89.71	-1,170.98	-1,171.81	349.97	65.07	284.89	1.228	Level 3	
10,900.00	9,218.65	9,187.49	9,183.65	57.35	232.34	89.45	-1,170.98	-1,171.81	393.95	110.69	283.26	1.391	Level 3	
11,000.00	9,217.16	9,185.99	9,182.16	59.67	232.31	89.19	-1,170.98	-1,171.81	455.97	174.76	281.21	1.621		
11,100.00	9,215.66	9,184.49	9,180.66	62.04	232.28	88.93	-1,170.98	-1,171.81	529.73	250.38	279.36	1.896		
11,200.00	9,214.16	9,182.99	9,179.16	64.45	232.25	88.67	-1,170.98	-1,171.81	611.00	333.13	277.87	2.199		
11,300.00	9,212.66	9,181.49	9,177.66	66.90	232.22	88.41	-1,170.98	-1,171.81	697.15	420.43	276.72	2.519		
11,400.00	9,211.16	9,180.00	9,176.16	69.37	232.19	88.15	-1,170.98	-1,171.81	786.58	510.75	275.83	2.852		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



MEWBOURNE
OIL COMPANY

Altitude Energy Partners

Anticollision Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3261.00usft
Reference Site:	Foxhole Pad	MD Reference:	KB=27' @ 3261.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design: Foxhole Offsets - Freedom 25 Fed Com #001 - OH - OH														Offset Site Error:	0.00 usft
Survey Program: 229-INC-ONLY														Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Warning					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
11,500.00	9,209.67	9,178.50	9,174.67	71.88	232.16	87.89	-1,170.98	-1,171.81	878.30	603.16	275.14	3.192			
11,600.00	9,208.17	9,177.00	9,173.17	74.42	232.13	87.63	-1,170.98	-1,171.81	971.64	697.05	274.59	3.539			



Altitude Energy Partners

Anticollision Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3261.00usft
Reference Site:	Foxhole Pad	MD Reference:	KB=27' @ 3261.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design: Foxhole Offsets - Lee Federal #20H - OH - OH													Offset Site Error:	0.00 usft
Survey Program:		100-MWD					Rule Assigned:				Offset Well Error:	0.00 usft		
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,000.00	3,941.77	3,941.65	3,938.37	15.79	13.72	15.28	-1,521.68	97.22	998.33	970.32	28.00	35.649		
4,100.00	4,039.14	4,031.93	4,028.62	16.26	14.03	15.71	-1,522.04	95.32	976.77	948.07	28.71	34.024		
4,200.00	4,136.51	4,129.93	4,126.62	16.72	14.37	16.08	-1,522.69	95.34	955.48	926.04	29.43	32.462		
4,300.00	4,233.88	4,227.09	4,223.78	17.19	14.70	16.47	-1,523.26	95.32	934.14	903.98	30.16	30.972		
4,400.00	4,331.25	4,324.51	4,321.19	17.66	15.03	16.89	-1,523.94	94.95	912.98	882.09	30.89	29.559		
4,500.00	4,428.62	4,423.37	4,420.05	18.13	15.37	17.38	-1,524.45	94.02	891.72	860.10	31.61	28.207		
4,600.00	4,526.00	4,522.27	4,518.93	18.60	15.70	17.92	-1,524.81	92.66	870.41	838.06	32.34	26.914		
4,700.00	4,623.37	4,620.43	4,617.07	19.07	16.03	18.53	-1,524.93	90.73	848.99	815.92	33.07	25.673		
4,800.00	4,720.74	4,718.68	4,715.30	19.54	16.36	19.21	-1,524.96	88.30	827.62	793.81	33.80	24.484		
4,900.00	4,818.11	4,817.40	4,813.98	20.01	16.70	19.95	-1,524.77	85.52	806.18	771.64	34.54	23.340		
5,000.00	4,915.48	4,914.06	4,910.61	20.48	17.02	20.69	-1,524.51	83.04	784.79	749.50	35.28	22.243		
5,100.00	5,012.85	5,010.64	5,007.18	20.95	17.35	21.36	-1,524.57	82.12	763.63	727.60	36.02	21.197		
5,200.00	5,110.22	5,108.05	5,104.59	21.43	17.68	22.07	-1,524.67	81.22	742.62	705.84	36.77	20.195		
5,300.00	5,207.60	5,205.81	5,202.34	21.90	18.02	22.85	-1,524.68	79.96	721.68	684.16	37.52	19.232		
5,400.00	5,304.97	5,303.35	5,299.86	22.38	18.35	23.70	-1,524.58	78.37	700.83	662.55	38.28	18.307		
5,500.00	5,402.34	5,400.39	5,396.88	22.85	18.68	24.64	-1,524.39	76.37	680.13	641.08	39.05	17.418		
5,600.00	5,499.71	5,497.93	5,494.39	23.32	19.02	25.68	-1,524.11	73.91	659.63	619.81	39.82	16.564		
5,700.00	5,597.08	5,594.55	5,590.97	23.80	19.35	26.81	-1,523.73	71.03	639.34	598.73	40.61	15.745		
5,800.00	5,694.45	5,692.84	5,689.22	24.27	19.70	28.08	-1,523.05	68.34	618.98	577.59	41.39	14.954		
5,900.00	5,791.82	5,793.27	5,789.63	24.75	20.03	29.23	-1,522.16	66.94	598.36	556.17	42.19	14.182		
6,000.00	5,889.20	5,887.53	5,883.86	25.23	20.36	30.52	-1,521.48	64.70	578.43	535.43	43.00	13.451		
6,100.00	5,986.57	5,981.70	5,977.97	25.70	20.68	31.99	-1,521.01	61.53	559.34	515.51	43.83	12.761		
6,200.00	6,083.94	6,079.87	6,076.10	26.18	21.02	33.57	-1,520.86	58.60	540.85	496.18	44.67	12.108		
6,300.00	6,181.31	6,176.19	6,172.41	26.65	21.36	35.09	-1,521.06	56.91	522.68	477.17	45.51	11.484		
6,400.00	6,278.68	6,270.04	6,266.24	27.13	21.68	36.66	-1,521.66	55.16	505.33	458.96	46.37	10.898		
6,500.00	6,376.05	6,366.93	6,363.10	27.61	22.02	38.41	-1,522.64	53.08	488.86	441.62	47.24	10.348		
6,600.00	6,473.42	6,462.02	6,458.17	28.08	22.35	40.24	-1,523.82	50.94	473.14	425.00	48.13	9.830		
6,700.00	6,570.80	6,558.74	6,554.85	28.56	22.69	42.18	-1,525.47	48.86	458.31	409.27	49.04	9.346		
6,800.00	6,668.17	6,655.67	6,651.73	29.04	23.03	44.23	-1,527.32	46.79	444.20	394.24	49.95	8.892		
6,900.00	6,765.54	6,752.06	6,748.08	29.52	23.37	46.42	-1,529.23	44.46	430.93	380.04	50.89	8.468		
7,000.00	6,862.91	6,846.04	6,841.99	30.00	23.69	48.72	-1,531.37	41.63	418.92	367.08	51.84	8.081		
7,100.00	6,960.28	6,939.95	6,935.79	30.47	24.02	51.22	-1,533.85	37.84	408.60	355.80	52.80	7.738		
7,200.00	7,057.65	7,033.96	7,029.64	30.95	24.35	53.88	-1,536.82	33.28	400.09	346.31	53.78	7.440		
7,300.00	7,155.02	7,135.22	7,130.69	31.43	24.71	56.96	-1,539.79	27.51	392.99	338.19	54.80	7.172		
7,400.00	7,252.40	7,219.00	7,213.65	31.91	25.00	60.78	-1,536.32	16.86	387.48	331.70	55.78	6.947		
7,419.26	7,271.15	7,230.57	7,224.96	32.00	25.04	61.43	-1,535.49	14.57	387.30	331.39	55.91	6.927 CC, ES, SF		
7,500.00	7,349.77	7,283.00	7,275.56	32.39	25.23	64.63	-1,531.28	1.59	390.74	334.41	56.32	6.937		
7,600.00	7,447.14	7,346.00	7,334.54	32.86	25.45	68.93	-1,525.38	-19.69	405.32	348.93	56.39	7.188		
7,700.00	7,544.51	7,396.41	7,380.20	33.34	25.63	72.47	-1,520.45	-40.46	431.16	375.59	55.58	7.758		
7,800.00	7,641.88	7,441.00	7,419.26	33.82	25.79	75.54	-1,516.30	-61.53	467.96	413.81	54.16	8.641		
7,900.00	7,739.25	7,491.05	7,461.43	34.30	25.98	78.79	-1,512.15	-88.14	514.33	461.41	52.91	9.720		
7,955.28	7,793.08	7,514.16	7,480.25	34.57	26.08	80.19	-1,510.51	-101.46	543.59	491.54	52.05	10.444		
8,000.00	7,836.68	7,536.00	7,497.61	34.78	26.16	81.89	-1,509.12	-114.63	568.95	517.41	51.54	11.039		
8,100.00	7,934.59	7,575.13	7,527.79	35.24	26.34	85.08	-1,506.40	-139.38	630.11	580.05	50.06	12.587		
8,200.00	8,032.99	7,631.00	7,568.80	35.68	26.59	88.95	-1,501.21	-176.96	696.59	647.03	49.56	14.056		
8,300.00	8,131.82	7,631.00	7,568.80	36.09	26.59	90.44	-1,501.21	-176.96	766.98	720.23	46.74	16.409		
8,400.00	8,231.02	7,683.85	7,605.12	36.49	26.86	94.05	-1,494.63	-214.77	840.05	793.56	46.49	18.070		
8,500.00	8,330.52	7,726.00	7,632.19	36.86	27.08	97.14	-1,488.06	-246.39	916.55	870.65	45.91	19.966		
8,600.00	8,430.24	7,726.00	7,632.19	37.21	27.08	99.04	-1,488.06	-246.39	995.26	951.34	43.92	22.661		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Altitude Energy Partners

Anticollision Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3261.00usft
Reference Site:	Foxhole Pad	MD Reference:	KB=27' @ 3261.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design: Foxhole Pad - Foxhole 25-26 W0IJ Fed Com 1H (New SHL) - OH - Plan #1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD + HDGM												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Distance		Rule Assigned:		Warning					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	0.00	0.00	0.35	30.72	0.19	30.72				
100.00	100.00	101.00	101.00	0.26	0.27	0.35	30.72	0.19	30.72	30.19	0.53	58.297	
200.00	200.00	201.00	201.00	0.62	0.62	0.35	30.72	0.19	30.72	29.48	1.24	24.696	
300.00	300.00	301.00	301.00	0.98	0.98	0.35	30.72	0.19	30.72	28.76	1.96	15.667	
400.00	400.00	401.00	401.00	1.34	1.34	0.35	30.72	0.19	30.72	28.04	2.68	11.472	
500.00	500.00	501.00	501.00	1.70	1.70	0.35	30.72	0.19	30.72	27.33	3.39	9.049	
600.00	600.00	601.00	601.00	2.05	2.06	0.35	30.72	0.19	30.72	26.61	4.11	7.471	
700.00	700.00	701.00	701.00	2.41	2.42	0.35	30.72	0.19	30.72	25.89	4.83	6.362	
800.00	800.00	801.00	801.00	2.77	2.77	0.35	30.72	0.19	30.72	25.17	5.55	5.540	
900.00	900.00	901.00	901.00	3.13	3.13	0.35	30.72	0.19	30.72	24.46	6.26	4.905	
1,000.00	1,000.00	1,001.00	1,001.00	3.49	3.49	0.35	30.72	0.19	30.72	23.74	6.98	4.401	
1,100.00	1,100.00	1,101.00	1,101.00	3.85	3.85	0.35	30.72	0.19	30.72	23.02	7.70	3.991	
1,200.00	1,200.00	1,201.00	1,201.00	4.20	4.21	0.35	30.72	0.19	30.72	22.31	8.41	3.651	
1,201.01	1,201.01	1,202.02	1,202.02	4.21	4.21	-166.31	30.72	0.19	30.72	22.30	8.42	3.648 CC	
1,300.00	1,299.99	1,301.39	1,301.37	4.55	4.55	-164.73	30.06	1.36	31.35	22.25	9.10	3.445 ES	
1,400.00	1,399.91	1,401.70	1,401.61	4.87	4.89	-160.45	28.09	4.82	33.39	23.63	9.76	3.420 SF	
1,500.00	1,499.69	1,501.65	1,501.39	5.21	5.23	-155.63	25.24	9.85	37.39	26.96	10.44	3.583	
1,600.00	1,599.27	1,601.42	1,600.99	5.54	5.57	-153.29	22.37	14.92	43.91	32.79	11.11	3.950	
1,700.00	1,698.57	1,701.02	1,700.42	5.89	5.92	-152.88	19.49	19.98	52.78	40.98	11.80	4.473	
1,800.00	1,797.54	1,800.39	1,799.62	6.24	6.27	-153.64	16.63	25.03	63.99	51.50	12.49	5.123	
1,900.00	1,896.09	1,899.44	1,898.50	6.60	6.61	-154.98	13.77	30.07	77.55	64.36	13.18	5.882	
2,000.00	1,994.16	1,998.13	1,997.02	6.98	6.96	-156.55	10.93	35.09	93.51	79.63	13.88	6.736	
2,077.73	2,070.03	2,074.54	2,073.30	7.28	7.23	-157.79	8.73	38.97	107.61	93.18	14.43	7.460	
2,100.00	2,091.71	2,096.38	2,095.11	7.37	7.31	-158.15	8.10	40.08	111.86	97.28	14.58	7.671	
2,200.00	2,189.08	2,194.50	2,193.05	7.77	7.66	-159.48	5.27	45.07	131.01	115.73	15.28	8.572	
2,300.00	2,286.45	2,292.61	2,290.99	8.18	8.01	-160.47	2.44	50.06	150.21	134.22	15.99	9.395	
2,400.00	2,383.82	2,390.72	2,388.94	8.60	8.36	-161.24	-0.39	55.05	169.44	152.74	16.70	10.148	
2,500.00	2,481.20	2,488.83	2,486.88	9.02	8.71	-161.85	-3.22	60.03	188.69	171.28	17.41	10.838	
2,600.00	2,578.57	2,586.94	2,584.82	9.45	9.06	-162.35	-6.05	65.02	207.96	189.84	18.13	11.474	
2,700.00	2,675.94	2,685.05	2,682.77	9.88	9.42	-162.76	-8.88	70.01	227.24	208.40	18.84	12.060	
2,800.00	2,773.31	2,783.16	2,780.71	10.32	9.77	-163.11	-11.70	75.00	246.54	226.97	19.56	12.602	
2,900.00	2,870.68	2,881.27	2,878.65	10.77	10.13	-163.41	-14.53	79.98	265.84	245.55	20.29	13.104	
3,000.00	2,968.05	2,979.38	2,976.60	11.21	10.48	-163.67	-17.36	84.97	285.14	264.13	21.01	13.571	
3,100.00	3,065.42	3,077.50	3,074.54	11.66	10.84	-163.89	-20.19	89.96	304.45	282.72	21.74	14.006	
3,200.00	3,162.80	3,175.61	3,172.48	12.11	11.19	-164.09	-23.02	94.95	323.77	301.30	22.46	14.412	
3,300.00	3,260.17	3,273.72	3,270.43	12.57	11.55	-164.27	-25.85	99.94	343.09	319.89	23.19	14.792	
3,400.00	3,357.54	3,371.83	3,368.37	13.02	11.90	-164.42	-28.68	104.92	362.41	338.48	23.92	15.148	
3,500.00	3,454.91	3,469.94	3,466.31	13.48	12.26	-164.57	-31.50	109.91	381.73	357.08	24.66	15.482	
3,600.00	3,552.28	3,568.05	3,564.26	13.94	12.62	-164.69	-34.33	114.90	401.06	375.67	25.39	15.797	
3,700.00	3,649.65	3,666.16	3,662.20	14.40	12.97	-164.81	-37.16	119.89	420.39	394.26	26.12	16.093	
3,800.00	3,747.02	3,764.27	3,760.14	14.86	13.33	-164.92	-39.99	124.88	439.71	412.86	26.86	16.372	
3,900.00	3,844.40	3,862.38	3,858.09	15.32	13.69	-165.01	-42.82	129.86	459.04	431.45	27.59	16.636	
4,000.00	3,941.77	3,960.50	3,956.03	15.79	14.04	-165.10	-45.65	134.85	478.38	450.05	28.33	16.886	
4,100.00	4,039.14	4,058.61	4,053.97	16.26	14.40	-165.18	-48.48	139.84	497.71	468.64	29.07	17.123	
4,200.00	4,136.51	4,156.72	4,151.92	16.72	14.76	-165.26	-51.30	144.83	517.04	487.24	29.80	17.348	
4,300.00	4,233.88	4,254.83	4,249.86	17.19	15.12	-165.33	-54.13	149.82	536.37	505.83	30.54	17.562	
4,400.00	4,331.25	4,352.94	4,347.81	17.66	15.48	-165.39	-56.96	154.80	555.71	524.43	31.28	17.765	
4,500.00	4,428.62	4,451.05	4,445.75	18.13	15.84	-165.46	-59.79	159.79	575.04	543.02	32.02	17.959	
4,600.00	4,526.00	4,549.16	4,543.69	18.60	16.19	-165.51	-62.62	164.78	594.38	561.62	32.76	18.143	
4,700.00	4,623.37	4,647.27	4,641.64	19.07	16.55	-165.57	-65.45	169.77	613.72	580.22	33.50	18.319	
4,800.00	4,720.74	4,745.38	4,739.58	19.54	16.91	-165.62	-68.28	174.75	633.05	598.81	34.24	18.488	
4,900.00	4,818.11	4,843.50	4,837.52	20.01	17.27	-165.66	-71.10	179.74	652.39	617.41	34.98	18.649	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Altitude Energy Partners

Anticollision Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3261.00usft
Reference Site:	Foxhole Pad	MD Reference:	KB=27' @ 3261.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design: Foxhole Pad - Foxhole 25-26 W0IJ Fed Com 1H (New SHL) - OH - Plan #1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD + HDGM													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
5,000.00	4,915.48	4,941.61	4,935.47	20.48	17.63	-165.71	-73.93	184.73	671.73	636.00	35.72	18.803	
5,100.00	5,012.85	5,039.72	5,033.41	20.95	17.99	-165.75	-76.76	189.72	691.07	654.60	36.47	18.951	
5,200.00	5,110.22	5,137.83	5,131.35	21.43	18.35	-165.79	-79.59	194.71	710.41	673.20	37.21	19.092	
5,300.00	5,207.60	5,235.94	5,229.30	21.90	18.71	-165.83	-82.42	199.69	729.74	691.79	37.95	19.228	
5,400.00	5,304.97	5,334.05	5,327.24	22.38	19.07	-165.86	-85.25	204.68	749.08	710.39	38.69	19.359	
5,500.00	5,402.34	5,432.16	5,425.18	22.85	19.42	-165.90	-88.07	209.67	768.42	728.99	39.44	19.484	
5,600.00	5,499.71	5,530.27	5,523.13	23.32	19.78	-165.93	-90.90	214.66	787.76	747.58	40.18	19.605	
5,700.00	5,597.08	5,628.38	5,621.07	23.80	20.14	-165.96	-93.73	219.65	807.10	766.18	40.93	19.721	
5,800.00	5,694.45	5,726.50	5,719.01	24.27	20.50	-165.99	-96.56	224.63	826.44	784.77	41.67	19.833	
5,900.00	5,791.82	5,824.61	5,816.96	24.75	20.86	-166.02	-99.39	229.62	845.78	803.37	42.41	19.941	
6,000.00	5,889.20	5,922.72	5,914.90	25.23	21.22	-166.05	-102.22	234.61	865.12	821.96	43.16	20.045	
6,100.00	5,986.57	6,020.83	6,012.84	25.70	21.58	-166.07	-105.05	239.60	884.46	840.56	43.90	20.146	
6,200.00	6,083.94	6,118.94	6,110.79	26.18	21.94	-166.10	-107.87	244.59	903.81	859.16	44.65	20.242	
6,300.00	6,181.31	6,217.05	6,208.73	26.65	22.30	-166.12	-110.70	249.57	923.15	877.75	45.39	20.336	
6,400.00	6,278.68	6,315.16	6,306.67	27.13	22.66	-166.14	-113.53	254.56	942.49	896.35	46.14	20.427	
6,500.00	6,376.05	6,413.27	6,404.62	27.61	23.02	-166.16	-116.36	259.55	961.83	914.94	46.89	20.514	
6,600.00	6,473.42	6,511.39	6,502.56	28.08	23.38	-166.18	-119.19	264.54	981.17	933.54	47.63	20.599	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Altitude Energy Partners

Anticollision Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3261.00usft
Reference Site:	Foxhole Pad	MD Reference:	KB=27' @ 3261.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB=27' @ 3261.00usft

Offset Depths are relative to Offset Datum

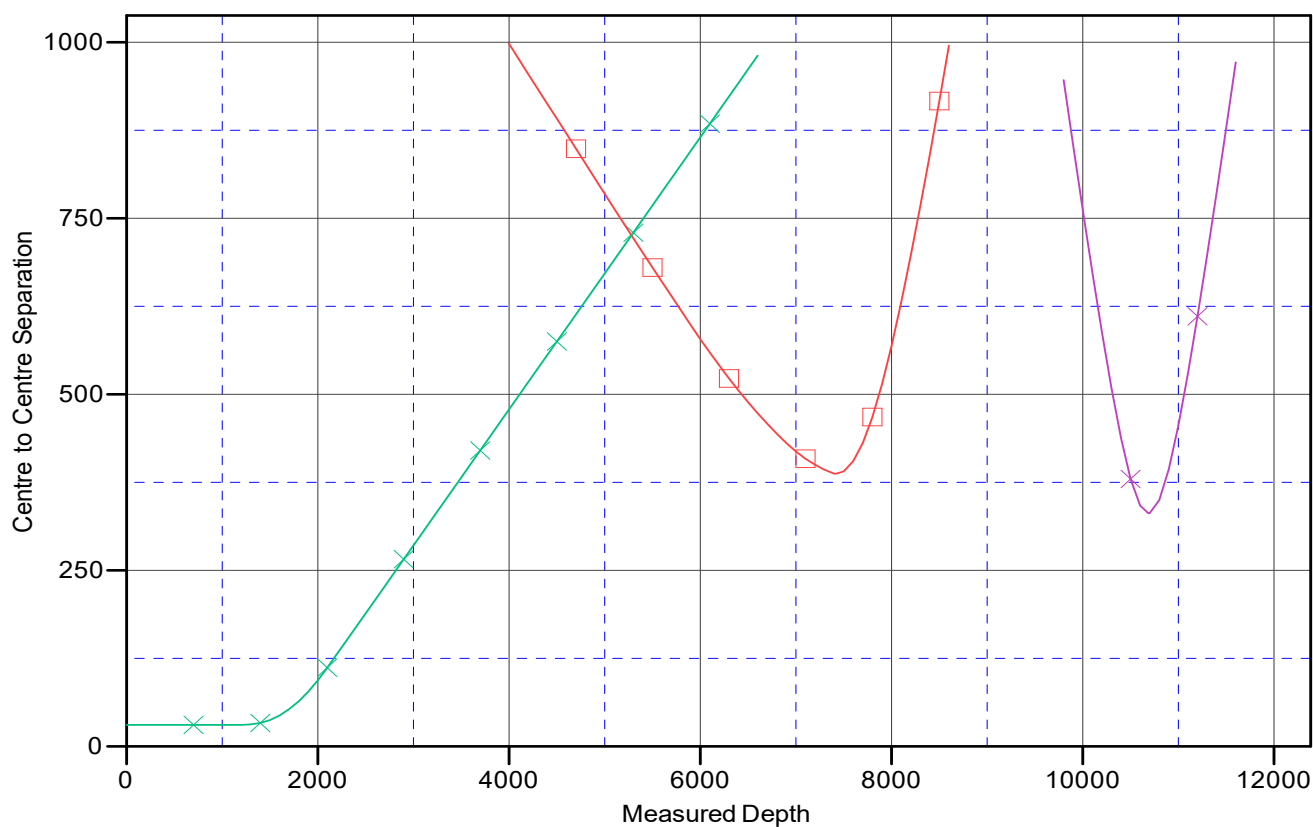
Central Meridian is -104.333334

Coordinates are relative to: Foxhole 25-26 W0PO Fed Com 1Y

Coordinate System is US State Plane 1983, New Mexico Eastern Zone

Grid Convergence at Surface is: 0.11°

Ladder Plot



LEGEND

Lee Federal #20H, OH, OH V0

Freedom 25 Fed Com #001, OH, OH V0

Foxhole 25-26 W0J Fed Com 1H (New SHL), OH, Plan #1 V0

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Altitude Energy Partners

Anticollision Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Foxhole 25-26 W0PO Fed Com 1Y
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3261.00usft
Reference Site:	Foxhole Pad	MD Reference:	KB=27' @ 3261.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Foxhole 25-26 W0PO Fed Com 1Y	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB=27' @ 3261.00usft

Offset Depths are relative to Offset Datum

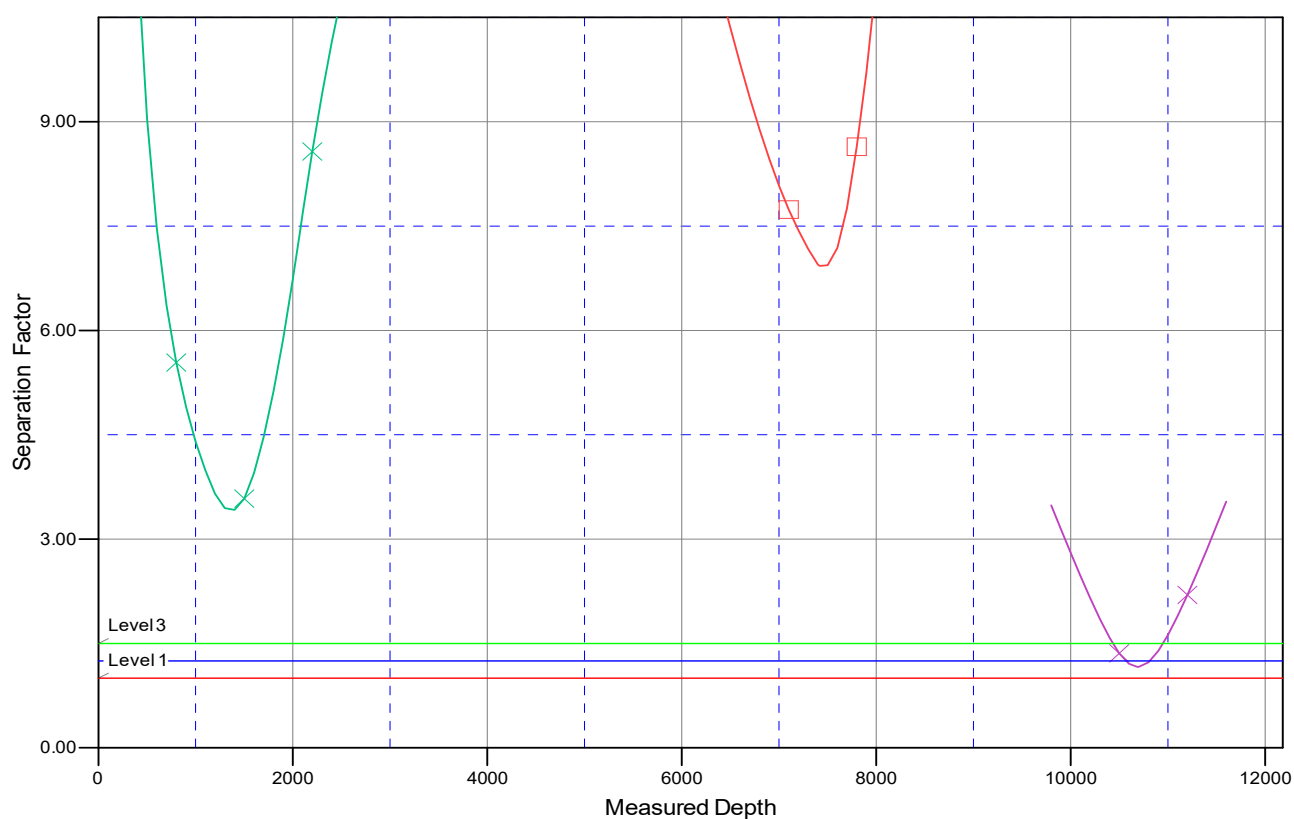
Central Meridian is -104.333334

Coordinates are relative to: Foxhole 25-26 W0PO Fed Com 1Y

Coordinate System is US State Plane 1983, New Mexico Eastern Zone

Grid Convergence at Surface is: 0.11°

Separation Factor Plot



LEGEND

Lee Federal #20H (OH, OHV0)

Freedom 25 Fed Com #001 (OH, OHV0)

Foxhole 25-26 W0PO Fed Com 1Y (New SHL, OH, Plan #1 V0)

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Drilling Plan Data Report
05/12/2021

APD ID: 10400045299

Submission Date: 08/27/2019

Highlighted data reflects the most recent changes

Operator Name: MEWBOURNE OIL COMPANY

Well Name: FOXHOLE 25/26 W0PO FED COM

Well Type: CONVENTIONAL GAS WELL

Well Number: 1Y

Well Work Type: Drill

Show Final Text

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
507842	UNKNOWN	3237	27	27	OTHER : Top soil	NONE	N
507854	TOP SALT	2732	505	505	SALT	NONE	N
507843	BOTTOM SALT	2322	915	915	SALT	NONE	N
507846	CAPITAN REEF	1842	1395	1395	DOLOMITE, LIMESTONE	USEABLE WATER	N
507850	LAMAR	202	3035	3035	LIMESTONE	NATURAL GAS, OIL	N
507841	BONE SPRING	-2388	5625	5625	LIMESTONE, SHALE	NATURAL GAS, OIL	N
507844	BONE SPRING 1ST	-3503	6740	6740	SANDSTONE	NATURAL GAS, OIL	N
507845	BONE SPRING 2ND	-4163	7400	7400	SANDSTONE	NATURAL GAS, OIL	N
507852	BONE SPRING 3RD	-5473	8710	8710	SANDSTONE	NATURAL GAS, OIL	N
507849	WOLFCAMP	-5878	9115	9115	LIMESTONE, SANDSTONE, SHALE	NATURAL GAS, OIL	Y

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 17103

Equipment: Annular, Pipe Rams, Blind Rams

Requesting Variance? YES

Variance request: Request variance for the use of a flexible choke line from the BOP to Choke Manifold. Anchors not required by manufacturer. A multi-bowl wellhead will be used. See attached schematic.

Testing Procedure: BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested. Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

Choke Diagram Attachment:

Operator Name: MEWBOURNE OIL COMPANY

Well Name: FOXHOLE 25/26 W0PO FED COM

Well Number: 1Y

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	Body SF
1	SURFACE	26	20.0	NEW	API	N	0	375	0	375	3234	2859	375	J-55	94	BUTT	3.03	12.3	DRY	39.77	DRY	41.99
2	INTERMEDIATE	17.5	13.375	NEW	API	N	0	1100	0	1100	3234	2134	1100	H-40	48	ST&C	1.53	3.44	DRY	6.1	DRY	10.25
3	INTERMEDIATE	12.25	9.625	NEW	API	N	0	2960	0	2960	3326	274	2960	J-55	36	LT&C	1.31	2.29	DRY	4.25	DRY	5.29
4	PRODUCTION	8.75	7.0	NEW	API	N	0	9550	0	9209	3234	-5975	9550	HCP-110	26	LT&C	1.37	2.19	DRY	2.79	DRY	3.34
5	LINER	6.125	4.5	NEW	API	N	8971	17103	8762	9239	-5528	-6005	8132	P-110	13.5	LT&C	1.85	2.15	DRY	3.08	DRY	3.84

Casing Attachments

Operator Name: MEWBOURNE OIL COMPANY

Well Name: FOXHOLE 25/26 W0PO FED COM

Well Number: 1H

Casing Attachments

Casing ID: 1String Type: SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Foxhole_25_26_W0PO_Fed_Com_1H_Csg_assumptions_20200812101515.pdf

Casing ID: 2String Type: INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Foxhole_25_26_W0PO_Fed_Com_1H_Csg_assumptions_20200812101543.pdf

Casing ID: 3String Type: INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Foxhole_25_26_W0PO_Fed_Com_1H_Csg_assumptions_20200812101610.pdf

Operator Name: MEWBOURNE OIL COMPANY

Well Name: FOXHOLE 25/26 W0PO FED COM

Well Number: 1H

Casing Attachments

Casing ID: 4String Type:PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Foxhole_25_26_W0PO_Fed_Com_1H_Csg_assumptions_20200812101638.pdf

Casing ID: 5String Type:LINER

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Foxhole_25_26_W0PO_Fed_Com_1H_Csg_assumptions_20200812101724.pdf

Section 4 - Cement

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	286	410	2.12	12.5	869	100	Class C	Salt, Gel, Extender, LCM
SURFACE	Tail		286	375	200	1.34	14.8	268	100	Class C	Retarder
INTERMEDIATE	Lead	1150	0	853	190	2.12	12.5	403	25	Class C	Salt, Gel, Extender, LCM
INTERMEDIATE	Tail		853	1150	100	1.34	14.8	134	25	Class C	Retarder
INTERMEDIATE	Lead		0	934	710	2.12	12.5	1505	25	Class C	Salt, Gel, Extender, LCM

Operator Name: MEWBOURNE OIL COMPANY

Well Name: FOXHOLE 25/26 W0PO FED COMWell Number: 1H

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
INTERMEDIATE	Tail		934	1100	200	1.34	14.8	268	25	Class C	Retarder
INTERMEDIATE	Lead	1150	1150	2275	210	2.12	12.5	445	25	Class C	Salt, Gel, Extendor, LCM
INTERMEDIATE	Tail		2275	2960	200	1.34	14.8	268	25	Class C	Retarder
PRODUCTION	Lead		2760	7038	510	2.12	12.5	1081	25	Class C	Gel, Retarder, Defoamer, Extender
PRODUCTION	Tail		7038	9550	400	1.18	15.6	472	25	Class C	Retarder
LINER	Lead		8971	17103	320	2.97	11.2	950	25	Class C	Salt, Gel, Fluid Loss, Retarder, Dispersant, Defoamer, Anti-Settling Agent

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with Onshore Order #2:

Diagram of the equipment for the circulating system in accordance with Onshore Order #2:

Describe what will be on location to control well or mitigate other conditions: Lost circulation material Sweeps Mud scavengers in surface hole

Describe the mud monitoring system utilized: Pason/PVT/Visual Monitoring

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
0	375	SPUD MUD	8.6	8.8							

Operator Name: MEWBOURNE OIL COMPANY

Well Name: FOXHOLE 25/26 W0PO FED COM

Well Number: 1H

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
375	1100	SALT SATURATED	10	10							
1100	9209	WATER-BASED MUD	8.6	9.5							
9209	9239	OIL-BASED MUD	10	12							

Section 6 - Test, Logging, Coring

List of production tests including testing procedures, equipment and safety measures:

Will run GR/CNL from KOP (8971') to surface.
Will run MWD GR from KOP (8971') to TD.

List of open and cased hole logs run in the well:

COMPENSATED NEUTRON LOG,DIRECTIONAL SURVEY,GAMMA RAY LOG,MEASUREMENT WHILE DRILLING,MUD LOG/GEOLOGIC LITHOLOGY LOG,MUD LOG/GEOLOGICAL LITHOLOGY LOG,

Coring operation description for the well:

None

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 6245

Anticipated Surface Pressure: 4229

Anticipated Bottom Hole Temperature(F): 165

Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO

Describe:

Contingency Plans geoharzards description:

Contingency Plans geohazards attachment:

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations plan:

Foxhole_2526_W0PO_Fed_Com_1H_H2S_Plan_20190806153627.doc

Operator Name: MEWBOURNE OIL COMPANY

Well Name: FOXHOLE 25/26 W0PO FED COM

Well Number: 1H

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

Foxhole_25_26_W0PO_Fed_Com_1H_Dir_plan_20190806153643.pdf

Foxhole_25_26_W0PO_Fed_Com_1H_Dir_plot_20190806153643.pdf

Other proposed operations facets description:

Other proposed operations facets attachment:

Foxhole_25_26_W0PO_Fed_Com_1H_Add_info_20190806153659.pdf

Other Variance attachment:

Hole Size	Casing Interval		Csg. Size	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	SF Jt Tension	SF Body Tension
	From	To								
26"	0'	375'	20"	94	J55	BTC	3.03	12.30	39.773	41.99
17.5"	0'	1100'	13.375"	48	H40	STC	1.53	3.44	6.10	10.25
12.25"	0'	2960'	9.625"	36	J55	LTC	1.31	2.29	4.25	5.29
8.75"	0'	9550'	7"	26	P110	LTC	1.37	2.19	2.79	3.34
6.125"	8971'	17103'	4.5"	13.5	P110	LTC	1.85	2.15	3.08	3.84
BLM Minimum Safety Factor							1.125	1	1.6 Dry 1.8 Wet	1.6 Dry 1.8 Wet

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h
Must have table for contingency casing

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Is casing API approved? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	Y
If yes, does production casing cement tie back a minimum of 50' above the Reef?	Y
Is well within the designated 4 string boundary.	Y
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 rd string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2 nd string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	Y
If yes, are there two strings cemented to surface?	Y
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

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Will the pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	Y
If yes, does production casing cement tie back a minimum of 50' above the Reef?	Y
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Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	Y
If yes, does production casing cement tie back a minimum of 50' above the Reef?	Y
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Will the pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
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If yes, are there two strings cemented to surface?	Y
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

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State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description

Effective May 25, 2021

I. Operator: Mewbourne Oil Co. **OGRID:** 14744 **Date:** 6/11/21

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Foxhole 25/26 W0PO Fed Com #1Y		I 25 20S 28E	2160' FSL x 380' FEL	1200	2400	2000

IV. Central Delivery Point Name: Foxhole 25/26 W0PO Fed Com #1Y [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Foxhole 25/26 W0PO Fed Com #1Y		8/11/21	9/11/21	10/11/21	10/26/21	10/26/21

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan**EFFECTIVE APRIL 1, 2022**

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☐ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.

If Operator checks this box, Operator will select one of the following:

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

Page 8

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	<i>Bradley Bishop</i>
Printed Name:	BRADLEY BISHOP
Title:	REGULATORY MANAGER
E-mail Address:	BBISHOP@MEWBOURNE.COM
Date:	6/11/21
Phone:	575-393-5905
OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)	
Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	

Mewbourne Oil Company

Natural Gas Management Plan – Attachment

- VI. Separation equipment will be sized by construction engineering staff based on stated manufacturer daily throughput capacities and anticipated daily production rates to ensure adequate capacity. Closed vent system piping, compression needs, and VRUs will be sized utilizing ProMax modelling software to ensure adequate capacity for anticipated production volumes and conditions.
- VII. Mewbourne Oil Company (MOC) will take following actions to comply with the regulations listed in 19.15.27.8 :
- A. MOC will maximize the recovery of natural gas by minimizing the waste, as defined by 19.15.2 NMAC, of natural gas through venting and flaring. MOC will ensure that well(s) will be connected to a natural gas gathering system with sufficient capacity to transport natural gas. If there is no adequate takeaway for the gas, well(s) will be shut in until the natural gas gathering system is available.
 - B. All drilling operations will be equipped with a rig flare located at least 100 ft from the nearest surface hole. Rig flare will be utilized to combust any natural gas that is brought to surface during normal drilling operations. In the case of emergency venting or flaring the volumes will be estimated and reported appropriately.
 - C. During completion operations any natural gas brought to surface will be flared. Immediately following the finish of completion operations, all well flow will be directed to permanent separation equipment. Produced natural gas from separation equipment will be sent to sales. It is not anticipated that gas will not meet pipeline standards. However, if natural gas does not meet gathering pipeline quality specifications, MOC will flare the natural gas for 60 days or until the natural gas meets the pipeline quality specifications, whichever is sooner. MOC will ensure that the flare is sized properly and is equipped with automatic igniter or continuous pilot. The gas sample will analyzed twice per week and the gas will be routed into a gathering system as soon as pipeline specifications are met.
 - D. Natural gas will not be flared with the exceptions and provisions listed in the 19.15.27.8 D.(1) through (4). If there is no adequate takeaway for the separator gas, well(s) will be shut in until the natural gas gathering system is available with exception of emergency or malfunction situations. Venting and/or flaring volumes will be estimated and reported appropriately.
 - E. MOC will comply with the performance standards requirements and provisions listed in 19.15.27.8 E.(1) through (8). All equipment will be designed and sized to handle maximum anticipated pressures and throughputs in order to minimize the waste. Production storage tanks constructed after May 25, 2021 will be equipped with automatic gauging system. Flares constructed after May 25, 2021 will be equipped with automatic igniter or continuous pilot. Flares will be located at least 100' from the well and storage tanks unless otherwise approved by the division. MOC will conduct AVO inspections as described in 19.15.27.8 E (5) (a) with frequencies specified in 19.15.27.8 E (5) (b) and (c). All emergencies will be resolved as quickly and safely as feasible to minimize waste.
 - F. The volume of natural gas that is vented or flared as the result of malfunction or emergency during drilling and completions operations will be estimated. The volume of natural gas that is vented, flared or beneficially used during production operations, will be measured or estimated. MOC will install equipment to measure

the volume of natural gas flared from existing process piping or a flowline piped from equipment such as high pressure separators, heater treaters, or vapor recovery units associated with a well or facility associated with a well authorized by an APD issued after May 25, 2021 that has an average daily production greater than 60 Mcf/day. If metering is not practicable due to circumstances such as low flow rate or low pressure venting and flaring, MOC will estimate the volume of vented or flared natural gas. Measuring equipment will conform to industry standards and will not be designed or equipped with a manifold that allows the diversion of natural gas around the metering element except for the sole purpose of inspecting and servicing the measurement equipment.

- VIII. For maintenance activities involving production equipment and compression, venting will be limited to the depressurization of the subject equipment to ensure safe working conditions. For maintenance of production and compression equipment the associated producing wells will be shut in to eliminate venting. For maintenance of VRUs all gas normally routed to the VRU will be routed to flare to eliminate venting.

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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 36457

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 36457
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 7/15/2021	7/15/2021

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CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOC D Conditions of Approval	7/15/2021
kpickford	Surface casing must be set 25' below top of Rustler Anhydrite or salt in order to seal off protectable water	7/15/2021