

Released to Imaging: 12/21/2021 11:33:15 AM

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☒ AMENDED REPORT
Corrected Property Code +BHL UL

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88240		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date NW / 06/17/2021
⁴ API Number 30 - 025-44859	⁵ Pool Name Grama Ridge; Bone Spring	⁶ Pool Code 28430
⁷ Property Code 330322	⁸ Property Name Black Sheep 4/33 B3NC Fed Com	⁹ Well Number 1H

II. 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
M	4	22S	34E		205	South	480	West	Lea

¹¹ Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	33	21S	34E		90	North	1899	West	Lea
¹² Lse Code F	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 06/17/2021	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Oryx 4000 N. Big Spring Suite 400 Midland, TX 79705	O
372603	3 Bear Energy, LLC 1512 Larimer St Suite 540 Denver, CO 80202	G

IV. Well Completion Data **We are asking for an exemption from tubing at this time**

²¹ Spud Date 03/14/2021	²² Ready Date 06/17/2021	²³ TD 21672'	²⁴ PBSD 21645'	²⁵ Perforations 11447' - 21610'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 ¾"	1800'	1350		
12 ¼"	9 ⅝"	5620'	1450		
8 ¾"	7"	10810'	800		
6 ⅞"	4 ½" Liner	10575' – 21672'	800		

V. Well Test Data

³¹ Date New Oil 06/17/2021	³² Gas Delivery Date 06/17/2021	³³ Test Date 06/23/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure NA	³⁶ Csg. Pressure 3130
³⁷ Choke Size 24/64"	³⁸ Oil 907	³⁹ Water 3506	⁴⁰ Gas 1974		⁴¹ Test Method Production

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Jackie Lathan</i>	OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i>
Printed name: Jackie Lathan	Title: <i>PETROLEUM SPECIALIST</i>
Title: Regulatory	Approval Date: <i>12/21/2021</i>
E-mail Address: jlathan@mewbourne.com	
Date: 12/14/2021	Phone: 575-393-5905

Received by OCD: 12/14/2021 10:46:10 AM

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

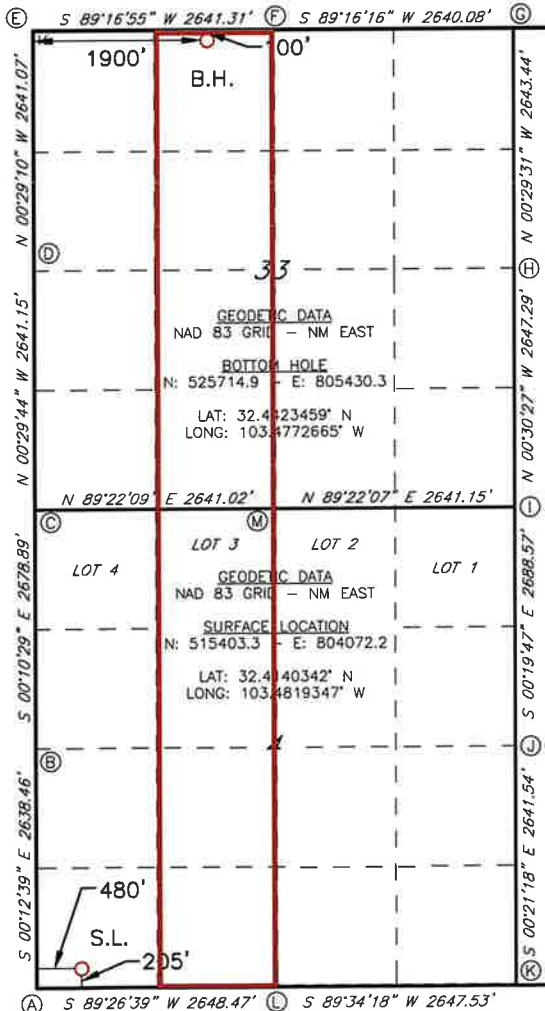
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-44859		² Pool Code 28430		³ Pool Name Grama Ridge; Bone Spring	
⁴ Property Code 330322		⁵ Property Name BLACK SHEEP 4/33 B3NC FED COM			⁶ Well Number 1H
⁷ OGRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 3608'
¹⁰ Surface Location					
UL or lot no. M	Section 4	Township 22S	Range 34E	Lot Idn	Feet from the 205
				North/South line SOUTH	Feet From the 480
				East/West line WEST	County LEA
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. C	Section 33	Township 21S	Range 34E	Lot Idn	Feet from the 90
				North/South line NORTH	Feet from the 1899
				East/West line WEST	County LEA
¹² Dedicated Acres 320		¹³ Joint or Infill		¹⁴ Consolidation 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.

**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.

Jackie Lathan 09/08/2021
Signature Date

Jackie Lathan
Printed Name

jlathan@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.

09-21-2018

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number

REV: BH MOVE/NAME CHANGE 2/17/21

Job No: LS18091088R

Plan #1



Project: Lea Co., NM (NAD 83)
 Site: Black Sheep Pad
 Well: Black Sheep 4-33 B3NC Fed Com #1H
 Wellbore: OH
 Design: Plan #1
 Lat: 32.414034
 Long: -103.481935
 GL: 3608.00
 KB: KB=28 @ 3636.00usft (Patterson 559)

WELL DETAILS: Black Sheep 4-33 B3NC Fed Com #1H

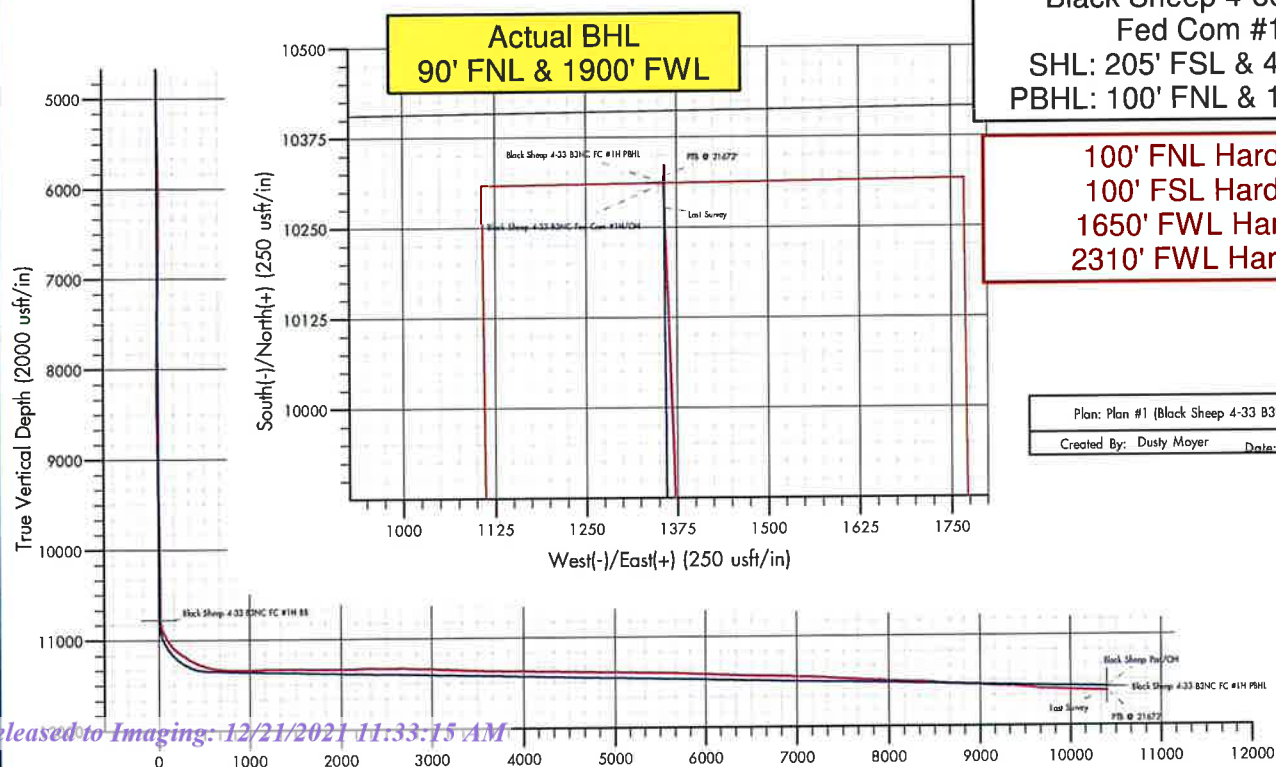
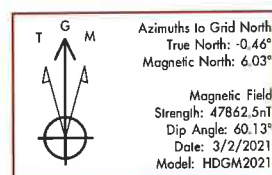
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	515403.30	804072.20	32.414034	-103.481935

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Black Sheep 4-33 B3NC FC #1H BB	10778.19	-181.20	1420.70	515222.10	805492.90	Point
Black Sheep 4-33 B3NC FC #1H PBHL	11576.00	10311.60	1358.10	525714.90	805430.30	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1850.00	0.00	0.00	1850.00	0.00	0.00	0.00	0.00	0.00	Build 1.5"/100'
2504.87	9.82	97.27	2501.67	-7.09	55.55	1.50	97.27	0.23	7738' Hold
10243.17	9.82	97.27	10126.52	-174.11	1365.15	0.00	0.00	5.63	Drop 1.5"/100'
10898.05	0.00	0.00	10778.19	-181.20	1420.70	1.50	180.00	5.86	Build 10"/100'
11785.07	88.70	359.66	11351.00	378.77	1417.36	10.00	359.66	560.61	9935' Hold
21720.62	88.70	359.66	11576.00	10311.60	1358.10	0.00	0.00	10400.65	TD at 21720.62

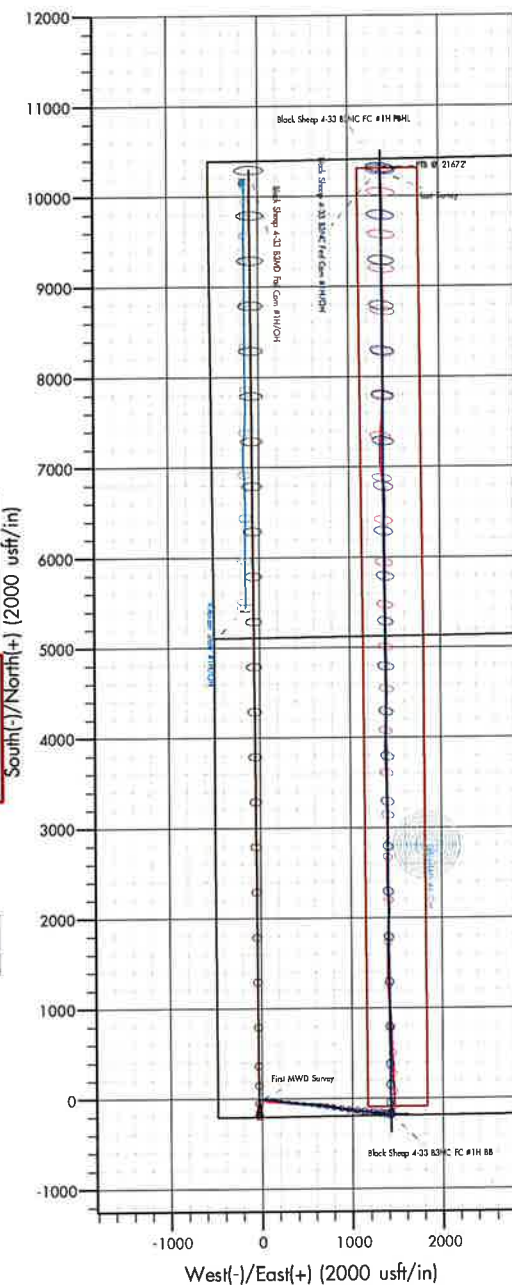


Black Sheep 4-33 B3NC
 Fed Com #1H
 SHL: 205' FSL & 480' FWL
 PBHL: 100' FNL & 1900' FWL

100' FNL Hard Line
 100' FSL Hard Line
 1650' FWL Hard Line
 2310' FWL Hard Line

Plan: Plan #1 (Black Sheep 4-33 B3NC Fed Com #1H/OH)

Created By: Dusty Mayer Date: 6:37 April 10 2021





Mewbourne Oil Company

Lea Co., NM (NAD 83)

Black Sheep Pad

Black Sheep 4-33 B3NC Fed Com #1H

OH

Design: OH

Standard Survey Report

10 April, 2021





Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Black Sheep 4-33 B3NC Fed Com #1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Site:	Black Sheep Pad	MD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Well:	Black Sheep 4-33 B3NC Fed Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Project	Lea 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	Black Sheep Pad				
Site Position:		Northing:	515,443.30 usft	Latitude:	32.414084
From:	Map	Easting:	806,808.90 usft	Longitude:	-103.473066
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Black Sheep 4-33 B3NC Fed Com #1H				
Well Position	+N/-S	0.00 usft	Northing:	515,403.30 usft	Latitude: 32.414034
	+E/-W	0.00 usft	Easting:	804,072.20 usft	Longitude: -103.481935
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level: 3,608.00 usft
Grid Convergence:		0.46 °			

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021	3/2/2021	6.48	60.13	47,862.50000000

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	7.50	

Survey Program	Date	4/10/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
136.00	1,767.00	Surface (OH)	MWD	OWSG MWD - Standard	
1,836.00	21,672.00	MWD Survey (OH)	MWD + HDGM	MWD + HDGM - Standard	

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	
136.00	0.70	60.19	136.00	0.41	0.72	0.50	0.51	0.51	0.00	
261.00	0.80	105.19	260.99	0.56	2.23	0.85	0.47	0.08	36.00	
449.00	0.50	58.19	448.98	0.65	4.19	1.19	0.31	-0.16	-25.00	
635.00	0.50	157.19	634.97	0.33	5.19	1.01	0.41	0.00	53.23	
829.00	0.50	132.19	828.96	-1.02	6.15	-0.21	0.11	0.00	-12.89	
1,014.00	0.30	154.19	1,013.96	-2.00	6.96	-1.07	0.13	-0.11	11.89	
1,202.00	0.30	175.19	1,201.96	-2.93	7.21	-1.96	0.06	0.00	11.17	
1,386.00	0.60	190.19	1,385.95	-4.36	7.08	-3.39	0.17	0.16	8.15	



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Black Sheep 4-33 B3NC Fed Com #1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Site:	Black Sheep Pad	MD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Well:	Black Sheep 4-33 B3NC Fed Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
1,574.00	0.70	166.19	1,573.94	-6.44	7.18	-5.45	0.15	0.05	-12.77
1,767.00	0.30	174.19	1,766.93	-8.09	7.52	-7.04	0.21	-0.21	4.15
1,836.00	0.33	163.37	1,835.93	-8.46	7.59	-7.40	0.10	0.04	-15.69
First MWD Survey									
1,931.00	1.33	138.46	1,930.92	-9.55	8.40	-8.37	1.09	1.05	-26.22
2,026.00	3.11	124.57	2,025.85	-11.83	11.25	-10.26	1.94	1.87	-14.62
2,120.00	4.35	118.70	2,119.64	-14.99	16.48	-12.71	1.38	1.32	-6.24
2,214.00	5.65	115.29	2,213.29	-18.68	23.79	-15.41	1.42	1.38	-3.63
2,308.00	7.39	111.52	2,306.67	-22.88	33.60	-18.29	1.91	1.85	-4.01
2,401.00	9.23	105.33	2,398.70	-27.04	46.36	-20.76	2.20	1.98	-6.66
2,494.00	10.20	99.28	2,490.36	-30.34	61.68	-22.03	1.51	1.04	-6.51
2,588.00	11.30	94.91	2,582.71	-32.47	79.07	-21.87	1.46	1.17	-4.65
2,681.00	12.54	93.79	2,673.71	-33.92	98.22	-20.80	1.36	1.33	-1.20
2,774.00	13.59	94.47	2,764.30	-35.44	119.19	-19.57	1.14	1.13	0.73
2,867.00	12.76	96.70	2,854.85	-37.49	140.28	-18.85	1.05	-0.89	2.40
2,961.00	13.10	94.98	2,946.47	-39.62	161.21	-18.24	0.55	0.36	-1.83
3,054.00	12.38	89.99	3,037.18	-40.54	181.68	-16.47	1.41	-0.77	-5.37
3,146.00	11.40	87.03	3,127.21	-40.07	200.62	-13.53	1.25	-1.07	-3.22
3,240.00	10.57	90.44	3,219.48	-39.65	218.52	-10.78	1.12	-0.88	3.63
3,334.00	9.55	96.93	3,312.04	-40.66	234.88	-9.64	1.62	-1.09	6.90
3,428.00	9.03	100.13	3,404.81	-42.90	249.88	-9.90	0.78	-0.55	3.40
3,521.00	9.06	100.71	3,496.65	-45.54	264.26	-10.64	0.10	0.03	0.62
3,614.00	9.22	99.97	3,588.47	-48.19	278.80	-11.37	0.21	0.17	-0.80
3,707.00	9.12	92.97	3,680.28	-49.86	293.49	-11.11	1.20	-0.11	-7.53
3,800.00	9.46	91.15	3,772.06	-50.40	308.50	-9.68	0.48	0.37	-1.96
3,893.00	9.61	93.69	3,863.78	-51.05	323.88	-8.32	0.48	0.16	2.73
3,986.00	9.58	97.15	3,955.48	-52.51	339.31	-7.76	0.62	-0.03	3.72
4,079.00	8.47	95.46	4,047.33	-54.13	353.81	-7.47	1.23	-1.19	-1.82
4,171.00	8.39	92.88	4,138.33	-55.11	367.25	-6.68	0.42	-0.09	-2.80
4,263.00	9.07	91.68	4,229.27	-55.66	381.21	-5.41	0.77	0.74	-1.30
4,356.00	8.75	92.14	4,321.14	-56.14	395.60	-4.00	0.35	-0.34	0.49
4,450.00	8.78	92.57	4,414.05	-56.73	409.91	-2.72	0.08	0.03	0.46
4,545.00	9.75	92.62	4,507.81	-57.42	425.19	-1.41	1.02	1.02	0.05
4,639.00	9.47	93.40	4,600.49	-58.24	440.86	-0.18	0.33	-0.30	0.83
4,732.00	8.46	96.05	4,692.35	-59.42	455.30	0.54	1.17	-1.09	2.85
4,826.00	8.90	97.17	4,785.27	-61.05	469.39	0.76	0.50	0.47	1.19
4,919.00	9.63	96.40	4,877.06	-62.82	484.26	0.95	0.80	0.78	-0.83
5,013.00	9.18	95.21	4,969.80	-64.38	499.54	1.40	0.52	-0.48	-1.27
5,107.00	8.34	93.27	5,062.70	-65.45	513.82	2.21	0.95	-0.89	-2.06
5,201.00	8.39	92.88	5,155.70	-66.18	527.47	3.26	0.08	0.05	-0.41
5,294.00	8.88	92.49	5,247.64	-66.83	541.42	4.44	0.53	0.53	-0.42
5,388.00	9.45	91.19	5,340.44	-67.31	556.38	5.92	0.65	0.61	-1.38
5,481.00	9.70	90.73	5,432.15	-67.57	571.85	7.68	0.28	0.27	-0.49



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Black Sheep 4-33 B3NC Fed Com #1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Site:	Black Sheep Pad	MD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Well:	Black Sheep 4-33 B3NC Fed Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
5,569.00	10.00	90.53	5,518.85	-67.73	586.90	9.49	0.34	0.34	-0.23
5,647.00	10.37	90.17	5,595.62	-67.82	600.70	11.20	0.48	0.47	-0.46
5,740.00	10.46	89.27	5,687.09	-67.73	617.51	13.48	0.20	0.10	-0.97
5,833.00	8.99	94.27	5,778.75	-68.17	633.20	15.10	1.82	-1.58	5.38
5,926.00	8.67	96.43	5,870.65	-69.49	647.41	15.64	0.50	-0.34	2.32
6,021.00	8.71	93.67	5,964.56	-70.75	661.70	16.26	0.44	0.04	-2.91
6,114.00	7.88	95.77	6,056.59	-71.85	675.07	16.92	0.95	-0.89	2.26
6,209.00	8.66	100.65	6,150.60	-73.82	688.58	16.72	1.10	0.82	5.14
6,302.00	8.98	100.62	6,242.50	-76.45	702.60	15.94	0.34	0.34	-0.03
6,395.00	8.99	99.85	6,334.36	-79.03	716.89	15.25	0.13	0.01	-0.83
6,489.00	8.91	99.93	6,427.21	-81.55	731.29	14.64	0.09	-0.09	0.09
6,583.00	8.64	97.95	6,520.11	-83.78	745.46	14.28	0.43	-0.29	-2.11
6,678.00	8.35	97.62	6,614.07	-85.68	759.36	14.21	0.31	-0.31	-0.35
6,771.00	8.01	98.20	6,706.13	-87.50	772.47	14.12	0.38	-0.37	0.62
6,865.00	8.13	102.33	6,799.20	-89.85	785.44	13.48	0.63	0.13	4.39
6,960.00	8.23	104.37	6,893.23	-92.97	798.59	12.10	0.32	0.11	2.15
7,053.00	9.28	106.08	6,985.14	-96.70	812.25	10.19	1.16	1.13	1.84
7,146.00	10.04	104.07	7,076.82	-100.75	827.32	8.14	0.89	0.82	-2.16
7,240.00	11.03	103.47	7,169.24	-104.84	844.01	6.27	1.06	1.05	-0.64
7,333.00	11.65	104.04	7,260.42	-109.19	861.77	4.27	0.68	0.67	0.61
7,427.00	11.42	104.97	7,352.52	-113.90	879.97	1.98	0.31	-0.24	0.99
7,519.00	10.78	103.00	7,442.80	-118.18	897.15	-0.02	0.81	-0.70	-2.14
7,612.00	10.32	100.36	7,534.23	-121.64	913.82	-1.27	0.72	-0.49	-2.84
7,705.00	9.91	100.59	7,625.79	-124.61	929.88	-2.12	0.44	-0.44	0.25
7,798.00	9.86	101.09	7,717.41	-127.61	945.56	-3.05	0.11	-0.05	0.54
7,892.00	10.01	101.39	7,810.00	-130.77	961.47	-4.10	0.17	0.16	0.32
7,986.00	9.97	103.34	7,902.57	-134.26	977.39	-5.49	0.36	-0.04	2.07
8,079.00	9.71	103.09	7,994.20	-137.90	992.87	-7.07	0.28	-0.28	-0.27
8,172.00	9.92	97.79	8,085.84	-140.76	1,008.44	-7.87	1.00	0.23	-5.70
8,266.00	9.78	97.64	8,178.46	-142.92	1,024.38	-7.93	0.15	-0.15	-0.16
8,361.00	9.58	98.15	8,272.11	-145.11	1,040.20	-8.04	0.23	-0.21	0.54
8,454.00	9.93	93.19	8,363.76	-146.65	1,055.87	-7.52	0.98	0.38	-5.33
8,547.00	10.04	92.20	8,455.35	-147.41	1,071.97	-6.17	0.22	0.12	-1.06
8,641.00	9.60	92.55	8,547.98	-148.07	1,087.99	-4.74	0.47	-0.47	0.37
8,734.00	9.07	92.59	8,639.74	-148.75	1,103.06	-3.44	0.57	-0.57	0.04
8,827.00	9.75	92.63	8,731.49	-149.44	1,118.25	-2.14	0.73	0.73	0.04
8,921.00	9.38	92.95	8,824.18	-150.20	1,133.85	-0.86	0.40	-0.39	0.34
9,016.00	10.58	92.63	8,917.75	-151.00	1,150.30	0.50	1.26	1.26	-0.34
9,110.00	10.32	93.77	9,010.19	-151.95	1,167.32	1.78	0.35	-0.28	1.21
9,202.00	10.15	96.06	9,100.72	-153.35	1,183.60	2.52	0.48	-0.18	2.49
9,296.00	9.83	97.80	9,193.30	-155.31	1,199.79	2.69	0.47	-0.34	1.85
9,390.00	9.71	91.80	9,285.94	-156.65	1,215.66	3.43	1.09	-0.13	-6.38
9,483.00	9.37	91.53	9,377.65	-157.10	1,231.07	5.00	0.37	-0.37	-0.29
9,576.00	8.59	94.06	9,469.51	-157.79	1,245.57	6.20	0.94	-0.84	2.72



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate References:	Well Black Sheep 4-33 B3NC Fed Com #1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Site:	Black Sheep Pad	MD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Well:	Black Sheep 4-33 B3NC Fed Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
9,669.00	9.55	88.95	9,561.35	-158.14	1,260.21	7.77	1.35	1.03	-5.49
9,761.00	10.17	91.96	9,651.99	-158.28	1,275.96	9.69	0.88	0.67	3.27
9,855.00	10.01	93.80	9,744.54	-159.11	1,292.40	11.02	0.38	-0.17	1.96
9,948.00	9.19	95.87	9,836.23	-160.40	1,307.85	11.75	0.96	-0.88	2.23
10,040.00	9.42	95.74	9,927.02	-161.90	1,322.65	12.19	0.25	0.25	-0.14
10,135.00	9.15	95.03	10,020.78	-163.34	1,337.91	12.76	0.31	-0.28	-0.75
10,229.00	9.97	90.68	10,113.47	-164.10	1,353.50	14.05	1.16	0.87	-4.63
10,321.00	9.25	93.33	10,204.18	-164.62	1,368.84	15.53	0.92	-0.78	2.88
10,415.00	9.12	93.04	10,296.98	-165.45	1,383.82	16.66	0.15	-0.14	-0.31
10,508.00	8.32	96.38	10,388.90	-166.59	1,397.87	17.36	1.02	-0.86	3.59
10,602.00	5.83	104.89	10,482.18	-168.58	1,409.24	16.88	2.87	-2.65	9.05
10,695.00	4.07	93.14	10,574.83	-169.97	1,417.10	16.53	2.17	-1.89	-12.63
10,788.00	1.51	84.27	10,667.71	-170.03	1,421.62	17.06	2.78	-2.75	-9.54
10,820.00	1.40	68.13	10,699.70	-169.84	1,422.40	17.35	1.32	-0.34	-50.44
10,863.00	2.25	39.04	10,742.68	-168.99	1,423.42	18.33	2.86	1.98	-67.65
10,910.00	5.13	24.15	10,789.58	-166.36	1,424.86	21.13	6.41	6.13	-31.68
10,957.00	12.77	16.68	10,835.98	-159.45	1,427.22	28.28	16.41	16.26	-15.89
11,004.00	18.65	20.72	10,881.20	-147.44	1,431.37	40.73	12.72	12.51	8.60
11,051.00	23.77	18.71	10,925.00	-131.42	1,437.07	57.35	11.00	10.89	-4.28
11,097.00	28.81	14.83	10,966.24	-111.92	1,442.89	77.45	11.57	10.96	-8.43
11,144.00	33.54	9.35	11,006.45	-88.14	1,447.90	101.68	11.73	10.06	-11.66
11,191.00	37.84	8.21	11,044.61	-61.04	1,452.07	129.09	9.26	9.15	-2.43
11,238.00	41.97	7.88	11,080.66	-31.20	1,456.28	159.23	8.80	8.79	-0.70
11,284.00	47.55	3.76	11,113.31	1.01	1,459.51	191.58	13.67	12.13	-8.96
11,331.00	54.10	357.81	11,143.00	37.39	1,459.92	227.70	17.03	13.94	-12.66
11,377.00	56.82	356.87	11,169.08	75.24	1,458.16	265.00	6.15	5.91	-2.04
11,424.00	58.55	356.60	11,194.21	114.89	1,455.89	304.02	3.71	3.68	-0.57
11,470.00	60.07	355.97	11,217.68	154.36	1,453.33	342.82	3.51	3.30	-1.37
11,516.00	61.05	356.42	11,240.29	194.33	1,450.67	382.10	2.29	2.13	0.98
11,562.00	64.77	357.14	11,261.24	235.22	1,448.37	422.33	8.21	8.09	1.57
11,609.00	67.91	358.79	11,280.10	278.23	1,446.85	464.78	7.41	6.68	3.51
11,655.00	73.01	0.13	11,295.48	321.56	1,446.45	507.69	11.42	11.09	2.91
11,701.00	75.89	359.18	11,307.81	365.88	1,446.18	551.58	6.57	6.26	-2.07
11,747.00	78.94	358.40	11,317.83	410.75	1,445.23	595.95	6.83	6.63	-1.70
11,794.00	83.09	357.53	11,325.17	457.14	1,443.58	641.72	9.02	8.83	-1.85
11,840.00	85.57	357.34	11,329.71	502.86	1,441.54	686.79	5.41	5.39	-0.41
11,887.00	87.47	358.19	11,332.57	549.74	1,439.71	733.03	4.43	4.04	1.81
11,932.00	88.12	358.34	11,334.30	594.68	1,438.34	777.41	1.48	1.44	0.33
11,979.00	88.06	357.87	11,335.86	641.63	1,436.79	823.75	1.01	-0.13	-1.00
12,027.00	89.97	357.55	11,336.69	689.58	1,434.87	871.04	4.03	3.98	-0.67
12,121.00	90.39	357.24	11,336.39	783.49	1,430.60	963.58	0.56	0.45	-0.33
12,216.00	91.18	356.43	11,335.09	878.33	1,425.36	1,056.93	1.19	0.83	-0.85
12,311.00	91.79	355.97	11,332.63	973.09	1,419.06	1,150.06	0.80	0.64	-0.48



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Black Sheep 4-33 B3NC Fed Com #1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Site:	Black Sheep Pad	MD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Well:	Black Sheep 4-33 B3NC Fed Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Databases:	EDM 5000.1 Single User Db

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)
12,405.00	90.87	355.74	11,330.45	1,066.82	1,412.27	1,242.10	1.01	-0.98	-0.24
12,500.00	89.52	356.40	11,330.13	1,161.59	1,405.76	1,335.21	1.58	-1.42	0.69
12,595.00	89.19	359.32	11,331.20	1,256.51	1,402.21	1,428.85	3.09	-0.35	3.07
12,690.00	89.19	358.17	11,332.54	1,351.47	1,400.13	1,522.73	1.21	0.00	-1.21
12,785.00	89.19	0.26	11,333.88	1,446.45	1,398.83	1,616.72	2.20	0.00	2.20
12,880.00	89.35	359.30	11,335.09	1,541.44	1,398.47	1,710.85	1.02	0.17	-1.01
12,975.00	89.69	1.73	11,335.89	1,636.43	1,399.32	1,805.14	2.58	0.36	2.56
13,070.00	90.59	1.45	11,335.66	1,731.39	1,401.96	1,899.63	0.99	0.95	-0.29
13,164.00	90.20	2.57	11,335.01	1,825.33	1,405.25	1,993.19	1.26	-0.41	1.19
13,259.00	90.64	1.77	11,334.31	1,920.26	1,408.85	2,087.78	0.96	0.46	-0.84
13,353.00	92.05	1.59	11,332.10	2,014.19	1,411.61	2,181.27	1.51	1.50	-0.19
13,447.00	90.93	0.06	11,329.66	2,108.14	1,412.96	2,274.59	2.02	-1.19	-1.63
13,541.00	89.50	357.00	11,329.31	2,202.10	1,410.55	2,367.43	3.59	-1.52	-3.26
13,634.00	86.66	356.00	11,332.42	2,294.86	1,404.87	2,458.66	3.24	-3.05	-1.08
13,728.00	92.95	358.34	11,332.74	2,388.69	1,400.24	2,551.08	7.14	6.69	2.49
13,822.00	91.21	0.09	11,329.33	2,482.61	1,398.95	2,644.03	2.62	-1.85	1.86
13,921.00	87.44	0.51	11,330.50	2,581.59	1,399.47	2,742.22	3.83	-3.81	0.42
14,015.00	87.52	0.63	11,334.63	2,675.49	1,400.40	2,835.45	0.15	0.09	0.13
14,109.00	87.35	1.17	11,338.84	2,769.38	1,401.88	2,928.73	0.60	-0.18	0.57
14,202.00	87.63	1.13	11,342.91	2,862.28	1,403.74	3,021.07	0.30	0.30	-0.04
14,295.00	87.55	359.52	11,346.82	2,955.19	1,404.27	3,113.25	1.73	-0.09	-1.73
14,389.00	87.30	0.29	11,351.04	3,049.09	1,404.11	3,206.33	0.86	-0.27	0.82
14,482.00	87.91	359.15	11,354.93	3,142.01	1,403.66	3,298.39	1.39	0.66	-1.23
14,576.00	87.69	359.50	11,358.54	3,235.93	1,402.55	3,391.37	0.44	-0.23	0.37
14,668.00	88.45	358.81	11,361.64	3,327.87	1,401.20	3,482.34	1.12	0.83	-0.75
14,763.00	88.45	358.44	11,364.21	3,422.81	1,398.92	3,576.17	0.39	0.00	-0.39
14,858.00	88.64	358.62	11,366.62	3,517.75	1,396.48	3,669.98	0.28	0.20	0.19
14,951.00	89.03	358.37	11,368.51	3,610.69	1,394.04	3,761.81	0.50	0.42	-0.27
15,044.00	89.12	357.66	11,370.01	3,703.63	1,390.82	3,853.53	0.77	0.10	-0.76
15,138.00	89.20	358.28	11,371.39	3,797.56	1,387.49	3,946.22	0.66	0.09	0.66
15,232.00	88.98	359.32	11,372.88	3,891.52	1,385.52	4,039.12	1.13	-0.23	1.11
15,326.00	88.84	2.35	11,374.67	3,985.48	1,386.89	4,132.46	3.23	-0.15	3.22
15,419.00	89.06	1.91	11,376.38	4,078.40	1,390.35	4,225.03	0.53	0.24	-0.47
15,512.00	89.12	0.99	11,377.85	4,171.36	1,392.70	4,317.50	0.99	0.06	-0.99
15,605.00	88.84	1.81	11,379.51	4,264.32	1,394.97	4,409.96	0.93	-0.30	0.88
15,698.00	89.03	2.00	11,381.24	4,357.25	1,398.06	4,502.50	0.29	0.20	0.20
15,791.00	89.09	1.24	11,382.76	4,450.20	1,400.69	4,595.00	0.82	0.06	-0.82
15,884.00	89.09	0.16	11,384.24	4,543.18	1,401.83	4,687.33	1.16	0.00	-1.16
15,977.00	88.98	358.92	11,385.81	4,636.16	1,401.08	4,779.42	1.34	-0.12	-1.33
16,070.00	89.20	359.51	11,387.28	4,729.14	1,399.81	4,871.43	0.68	0.24	0.63
16,163.00	89.17	358.94	11,388.61	4,822.12	1,398.55	4,963.46	0.61	-0.03	-0.61
16,256.00	89.15	358.76	11,389.97	4,915.09	1,396.68	5,055.39	0.19	-0.02	-0.19
16,349.00	88.98	359.15	11,391.49	5,008.07	1,394.99	5,147.34	0.46	-0.18	0.42



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Black Sheep 4-33 B3NC Fed Com #1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Site:	Black Sheep Pad	MD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Well:	Black Sheep 4-33 B3NC Fed Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000,1 Single User Db

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)
16,443.00	88.98	359.55	11,393.16	5,102.05	1,393.92	5,240.38	0.43	0.00	0.43
16,536.00	88.39	359.54	11,395.29	5,195.02	1,393.18	5,332.46	0.63	-0.63	-0.01
16,630.00	88.42	358.88	11,397.91	5,288.97	1,391.89	5,425.44	0.70	0.03	-0.70
16,723.00	88.70	359.42	11,400.25	5,381.93	1,390.51	5,517.42	0.65	0.30	0.58
16,818.00	87.80	357.81	11,403.15	5,476.86	1,388.21	5,611.23	1.94	-0.95	-1.69
16,912.00	89.09	0.38	11,405.70	5,570.80	1,386.73	5,704.18	3.06	1.37	2.73
17,006.00	87.44	359.95	11,408.55	5,664.75	1,387.00	5,797.36	1.81	-1.76	-0.46
17,099.00	87.97	358.65	11,412.27	5,757.67	1,385.86	5,889.33	1.51	0.57	-1.40
17,193.00	87.94	0.22	11,415.62	5,851.60	1,384.94	5,982.34	1.67	-0.03	1.67
17,286.00	88.08	359.43	11,418.85	5,944.54	1,384.65	6,074.45	0.86	0.15	-0.85
17,380.00	88.11	358.91	11,421.98	6,038.48	1,383.29	6,167.41	0.55	0.03	-0.55
17,473.00	87.86	358.84	11,425.25	6,131.41	1,381.47	6,259.30	0.28	-0.27	-0.08
17,567.00	87.55	359.92	11,429.01	6,225.32	1,380.45	6,352.28	1.19	-0.33	1.15
17,660.00	88.05	0.47	11,432.58	6,318.25	1,380.77	6,444.46	0.80	0.54	0.59
17,752.00	88.59	2.12	11,435.28	6,410.19	1,382.85	6,535.87	1.89	0.59	1.79
17,845.00	88.14	4.07	11,437.93	6,503.01	1,387.86	6,628.56	2.15	-0.48	2.10
17,939.00	90.07	0.85	11,439.40	6,596.89	1,391.90	6,722.16	3.99	2.05	-3.43
18,033.00	88.33	357.60	11,440.72	6,690.86	1,390.63	6,815.16	3.92	-1.85	-3.46
18,126.00	87.97	353.53	11,443.72	6,783.51	1,383.44	6,906.08	4.39	-0.39	-4.38
18,220.00	88.17	350.77	11,446.89	6,876.57	1,370.61	6,996.67	2.94	0.21	-2.94
18,314.00	88.00	352.94	11,450.03	6,969.57	1,357.30	7,087.13	2.31	-0.18	2.31
18,408.00	86.56	356.89	11,454.49	7,063.07	1,348.98	7,178.74	4.47	-1.53	4.20
18,502.00	86.23	0.73	11,460.40	7,156.84	1,347.03	7,271.46	4.09	-0.35	4.09
18,596.00	87.27	1.43	11,465.73	7,250.67	1,348.80	7,364.72	1.33	1.11	0.74
18,689.00	87.41	3.02	11,470.05	7,343.50	1,352.41	7,457.22	1.71	0.15	1.71
18,781.00	87.58	3.92	11,474.07	7,435.24	1,357.97	7,548.90	0.99	0.18	0.98
18,874.00	86.82	3.42	11,478.61	7,527.94	1,363.92	7,641.59	0.98	-0.82	-0.54
18,968.00	86.54	2.93	11,484.06	7,621.64	1,369.11	7,735.16	0.60	-0.30	-0.52
19,060.00	87.02	2.24	11,489.22	7,713.40	1,373.26	7,826.68	0.91	0.52	-0.75
19,153.00	87.38	1.08	11,493.77	7,806.25	1,375.95	7,919.08	1.30	0.39	-1.25
19,245.00	87.41	0.52	11,497.95	7,898.14	1,377.23	8,010.36	0.61	0.03	-0.61
19,339.00	87.69	0.12	11,501.97	7,992.06	1,377.75	8,103.53	0.52	0.30	-0.43
19,432.00	87.41	0.32	11,505.94	8,084.97	1,378.11	8,195.70	0.37	-0.30	0.22
19,524.00	87.97	0.42	11,509.65	8,176.89	1,378.70	8,286.91	0.62	0.61	0.11
19,617.00	85.81	0.67	11,514.70	8,269.75	1,379.59	8,379.09	2.34	-2.32	0.27
19,710.00	86.26	359.78	11,521.13	8,362.52	1,379.95	8,471.11	1.07	0.48	-0.96
19,804.00	84.43	358.59	11,528.75	8,456.20	1,378.62	8,563.81	2.32	-1.95	-1.27
19,897.00	88.33	0.01	11,534.63	8,548.98	1,377.49	8,655.66	4.46	4.19	1.53
19,992.00	88.28	359.88	11,537.44	8,643.94	1,377.40	8,749.79	0.15	-0.05	-0.14
20,079.00	87.25	359.59	11,540.83	8,730.87	1,377.00	8,835.93	1.23	-1.18	-0.33
20,172.00	87.69	359.58	11,544.93	8,823.78	1,376.32	8,927.95	0.47	0.47	-0.01
20,266.00	86.71	358.99	11,549.53	8,917.66	1,375.15	9,020.87	1.22	-1.04	-0.63
20,361.00	87.21	359.12	11,554.56	9,012.51	1,373.59	9,114.71	0.54	0.53	0.14
20,455.00	87.13	358.75	11,559.20	9,106.38	1,371.84	9,207.55	0.40	-0.09	-0.39



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Black Sheep 4-33 B3NC Fed Com #1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Site:	Black Sheep Pad	MD Reference:	KB=28 @ 3636.00usft (Patterson 559)
Well:	Black Sheep 4-33 B3NC Fed Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
20,549.00	87.24	359.06	11,563.82	9,200.25	1,370.05	9,300.38	0.35	0.12	0.33
20,643.00	85.86	358.93	11,569.48	9,294.06	1,368.40	9,393.17	1.47	-1.47	-0.14
20,738.00	84.66	359.66	11,577.33	9,388.73	1,367.24	9,486.87	1.48	-1.26	0.77
20,807.00	84.32	0.24	11,583.95	9,457.41	1,367.18	9,554.96	0.97	-0.49	0.84
20,833.00	83.90	0.24	11,586.62	9,483.27	1,367.29	9,580.61	1.62	-1.62	0.00
20,927.00	86.85	0.41	11,594.20	9,576.95	1,367.82	9,673.56	3.14	3.14	0.18
21,022.00	88.00	1.93	11,598.47	9,671.83	1,369.76	9,767.88	2.01	1.21	1.60
21,115.00	88.02	0.90	11,601.70	9,764.75	1,372.05	9,860.30	1.11	0.02	-1.11
21,210.00	87.86	359.69	11,605.11	9,859.68	1,372.54	9,954.49	1.28	-0.17	-1.27
21,304.00	88.08	357.75	11,608.44	9,953.60	1,370.44	10,047.32	2.08	0.23	-2.06
21,398.00	87.91	358.06	11,611.73	10,047.48	1,367.01	10,139.95	0.38	-0.18	0.33
21,492.00	88.03	357.73	11,615.06	10,141.35	1,363.56	10,232.57	0.37	0.13	-0.35
21,585.00	87.97	357.91	11,618.31	10,234.23	1,360.02	10,324.19	0.20	-0.06	0.19
21,618.00	87.91	358.25	11,619.49	10,267.19	1,358.92	10,356.73	1.05	-0.18	1.03
21,628.00	88.08	358.27	11,619.84	10,277.18	1,358.61	10,366.59	1.71	1.70	0.20
Last Survey									
21,672.00	88.08	358.27	11,621.32	10,321.14	1,357.28	10,410.00	0.00	0.00	0.00
PTB @ 21672'									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,836.00	1,835.93	-8.46	7.59	First MWD Survey
21,628.00	11,619.84	10,277.18	1,358.61	Last Survey
21,672.00	11,621.32	10,321.14	1,357.28	PTB @ 21672'

Checked By: _____ Approved By: _____ Date: _____

Intent ☐ As Drilled ☒

API # 30-025-44859		
Operator Name: Mewbourne Oil Co.	Property Name: Black Sheep 4/33 B3NC Fed Com	Well Number 1H

Kick Off Point (KOP)

UL N	Section 4	Township 22S	Range 34E	Lot	Feet 22	From N/S S	Feet 1903	From E/W W	County Lea
Latitude 32.4135384					Longitude -103.4773269				NAD 83

First Take Point (FTP)

UL N	Section 4	Township 22S	Range 34E	Lot	Feet 326	From N/S S	Feet 1935	From E/W W	County Lea
Latitude 32.4143722					Longitude -103.4772179				NAD 83

Last Take Point (LTP)

UL C	Section 33	Township 21S	Range 34E	Lot	Feet 109	From N/S N	Feet 1899	From E/W W	County Lea
Latitude 32.4423201					Longitude -103.4772673				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ YIs this well an infill well? ☐ N

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018



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

Sundry Print Report

11/18/2021

Well Name: BLACK SHEEP 4-~~83MD~~
FED COM

4133

Well Number: 1H

B3NC

Well Location: T22S / R34E / SEC 4 /
SWSW / 32.4138857 / -103.4801698

County or Parish/State: LEA /
NM

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0381970,
NMNM058678

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002544859

Well Status: Drilling Well

Operator: MEWBOURNE OIL
COMPANY

Subsequent Report

Sundry ID: 2633086

Type of Submission: Subsequent Report

Type of Action: Hydraulic Fracturing

Date Sundry Submitted: 09/08/2021

Time Sundry Submitted: 06:59

Date Operation Actually Began: 05/26/2021

Actual Procedure: Frac horizontal Bone Spring from 11447' MD to 21610' MD w/21,205,590 gals Slickwater, carrying 25,391,215# local 100 mesh sand. Flowback well for cleanup. 06/13/2021 Drill out frac plugs to PBTD @ 21645'. 06/17/2021 PWOL for initial sales. FORMATION TOPS: Rustler 1780', T/salt 2256', B/salt 3697', Yates 3925', Capitan Reef 4270', Delaware 5456', Bone Spring 8592', 1st Bone Spring 9670', 2nd Bone Spring 10217'. 3rd Bone Spring 11166'. REQUEST FOR OCD EXTENSION OF TIME TO FILE BLM APPROVED FORM 3160-4.

Well Name: BLACK SHEEP 4 B3MD FED COM	Well Location: T22S / R34E / SEC 4 / SWSW / 32.4138857 / -103.4801698	County or Parish/State: LEA / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0381970, NMNM058678	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002544859	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

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: BRADLEY BISHOP**Signed on:** SEP 08, 2021 06:58 AM**Name:** MEWBOURNE OIL COMPANY**Title:** Regulatory**Street Address:** PO Box 5270**City:** Hobbs**State:** NM**Phone:** (575) 393-5905**Email address:** bbishop@mewbourne.com**Field Representative****Representative Name:** Jackie Lathan**Street Address:** PO Box 5270**City:** Hobbs**State:** NM**Zip:** 88241**Phone:** (575)393-5905**Email address:** jlathan@mewbourne.com**BLM Point of Contact****BLM POC Name:** Jonathon W Shepard**BLM POC Title:** Petroleum Engineer**BLM POC Phone:** 5752345972**BLM POC Email Address:** jshepard@blm.gov**Disposition:** Accepted**Disposition Date:** 10/14/2021**Signature:** Jonathon Shepard



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

Well Completion Print Report

12/14/2021

Operator Name MEWBOURNE OIL COMPANY SHL SWSW Sec 4 22S 34E	Well Name BLACK SHEEP 4 B3MD FED COM	Well Number 1H	US Well Number 3002544859
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM058678, NMNM0381970, NMNM0381970, NMNM0381970
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s) ID 10400014376
	Well Pad Name null	Well Pad Number null	

Section 1 - General

Well Completion Report Id: 82002

Submission Date: N/A until DB Work

BLM Office: Hobbs Field Station

User: Bradley Bishop

Title: Regulatory

Federal/Indian: FEDERAL

Lease Number: NMNM058678

Lease Acres:

Agreement in place?: NO

Federal or Indian Agreement:

Agreement Number:

Agreement Name:

Keep this Well Completion Report confidential?: YES

APD Operator: MEWBOURNE OIL
COMPANY

Section 2 - Well Information

Field/Pool or Exploratory: Field/Pool

Pool Name: Grama Ridge;

Field Name: Ojo Chiso

Well Type: OIL WELL

Spud Date: 03-14-2021

Date Total Measured Depth Reached: 04-09-2021

Drill & Abandon or Ready To Produce: READY TO PRODUCE

Well Class: HORIZONTAL

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources

Operator Name MEWBOURNE OIL COMPANY SHL SWSW Sec 4 22S 34E	Well Name BLACK SHEEP 4 B3MD FED COM	Well Number 1H	US Well Number 3002544859
	County LEA	State NM	Lease Number(s) NMNM058678, NMNM0381970, NMNM0381970, NMNM0381970
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400014376

Completion and Completed Intervals

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	X1	1	NMNM0381970	NMNM0381970	NEW		DRG	06-08-2021	06-17-2021	BONE SPRING	114 47	21610	Y	.39	183 6	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	FRAC	504895		21,205,590 gals Slickwater, carrying 25,391,215 # local 100 mesh sand.

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	X1	1			FLows FROM WELL		SOLD	

Operator Name MEWBOURNE OIL COMPANY SHL SWSW Sec 4 22S 34E	Well Name BLACK SHEEP 4 B3MD FED COM	Well Number 1H	US Well Number 3002544859
	County LEA	State NM	Lease Number(s) NMNM058678, NMNM0381970, NMNM0381970, NMNM0381970
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400014376

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	X1	1	06/23/2021	24	907	1974	3506	2176	24/64			3130

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lo/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4140342	-103.4819347	3608	FEDERAL	NMNM0381970			205	FSL	480	FWL	22S	34E	4	SWSW
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4135384	-103.4773269	-7135	FEDERAL	NMNM0381970			22	FSL	1903	FWL	22S	34E	4	SESW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4143722	-103.4772179	-7598	FEDERAL	NMNM0381970			326	FSL	1935	FWL	22S	34E	4	SESW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4207329	-103.4773368	-7723	FEDERAL	NMNM058678			2640	FSL	1889	FWL	22S	34E	4	SENW

Operator Name MEWBOURNE OIL COMPANY SHL SWSW Sec 4 22S 34E	Well Name BLACK SHEEP 4 B3MD FED COM	Well Number 1H	US Well Number 3002544859
	County LEA	State NM	Lease Number(s) NMNM058678, NMNM0381970, NMNM0381970, NMNM0381970
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400014376

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4280966	-103.4772857	-7786	STATE	STATE				0	FSL	1891	FWL	21S	34E	33	SESW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4423201	-103.4772673	-8013	STATE	STATE				109	FNL	1899	FWL	21S	34E	33	NENW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.442372	-103.4772687	-8013	STATE	STATE				90	FNL	1899	FWL	21S	34E	33	NENW

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	1800	13.375	54.5	J-55		ST&C		

Operator Name MEWBOURNE OIL COMPANY SHL SWSW Sec 4 22S 34E	Well Name BLACK SHEEP 4 B3MD FED COM	Well Number 1H	US Well Number 3002544859
	County LEA	State NM	Lease Number(s) NMNM058678, NMNM0381970, NMNM0381970, NMNM0381970
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400014376

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	INTERMEDIATE	12.25	0	5620	9.625	40	HCL-80		LT&C		
00	PRODUCTION	8.75	0	10810	7.0	29	HCP-110		LT&C		
00	LINER	6.125	10575	21672	4.5	13.5	HCP-110		OTHER	CDC HTQ	

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume (bbls)
00	SURFACE		Class C	1150	1.81	0	Class C Neat	200	1.32		417.7
00	INTERMEDIATE	3434	Class C	750	2.56	0	Class C	100	1.33		1190.8
00	INTERMEDIATE	3434	Class C	400	2.56	3434	Class C	200	1.33		1190.8
00	PRODUCTION		Class C	400	2.61	4100	Class H	400	1.18		270
00	LINER		Poz H	800	1.74	10575					247.9

Operator Name MEWBOURNE OIL COMPANY SHL SWSW Sec 4 22S 34E	Well Name BLACK SHEEP 4 B3MD FED COM	Well Number 1H	US Well Number 3002544859
	County LEA	State NM	Lease Number(s) NMNM058678, NMNM0381970, NMNM0381970, NMNM0381970
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400014376

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00									

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator Name MEWBOURNE OIL COMPANY SHL SWSW Sec 4 22S 34E	Well Name BLACK SHEEP 4 B3MD FED COM	Well Number 1H	US Well Number 3002544859
	County LEA	State NM	Lease Number(s) NMNM058678, NMNM0381970, NMNM0381970, NMNM0381970
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400014376

Operator Certification

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: MEWBOURNE OIL COMPANY

Signed By: Bradley Bishop

Title: Regulatory

Signed on: 11/17/2021

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88260

Phone: (575)393-5905

Email address: bbishop@mewbourne.com

Field Representative

Representative Name: Jackie Lathan

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88241

Phone: (575)393-5905

Extension:

Email address: jlathan@mewbourne.com

Attachments

2.5_MD_Black_Sheep_4_33_B3NC_Fed_Com_1H_20211117094705.pdf

2.5_TVD_Black_Sheep_4_33_B3NC_Fed_Com_1H_20211117094718.pdf

Final_PVA_Black_Sheep_4_33_B3NC_Fed_Com_1H_20211117094944.pdf

20211117105259_20211117095309.pdf

Operator Name MEWBOURNE OIL COMPANY SHL SWSW Sec 4 22S 34E	Well Name BLACK SHEEP 4 B3MD FED COM	Well Number 1H	US Well Number 3002544859
	County LEA	State NM	Lease Number(s) NMNM058678, NMNM0381970, NMNM0381970, NMNM0381970
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400014376

Attachments

2.5_MD_Black_Sheep_4_33_B3NC_Fed_Com_1H_20211117094705.pdf

2.5_TVD_Black_Sheep_4_33_B3NC_Fed_Com_1H_20211117094718.pdf

Final_PVA_Black_Sheep_4_33_B3NC_Fed_Com_1H_20211117094944.pdf

20211117105259_20211117095309.pdf

Mewbourne Oil Company

Well Name: Black Sheep 4/33 B3NC Fed Com #1H

Updated by: Andy Taylor

Spud Date: 3/14/2021

Date Updated: 9/24/2021

Surface

17 1/2" x 13 3/4" 54.5# J55

Set @ 1800'

Cmt w/ 1350 sx

Circ. 434 sx to pit

Intermediate

12 1/4" x 9 3/4" 36# J55, 40# J55, HCL80

Set @ 5620'

Cmt Stg 2 w/ 850 sx

Circ. 118 sx to pit

ECP/DV Tool @ 3434'

Cmt Stg 1 w/ 600 sx

Circ. 0 sx off DV Tool

Production

8 3/4" x 7" 29# HCP110

Set @ 10,810'

Cmt w/ 800 sx

TOC @ 4100' (est.)

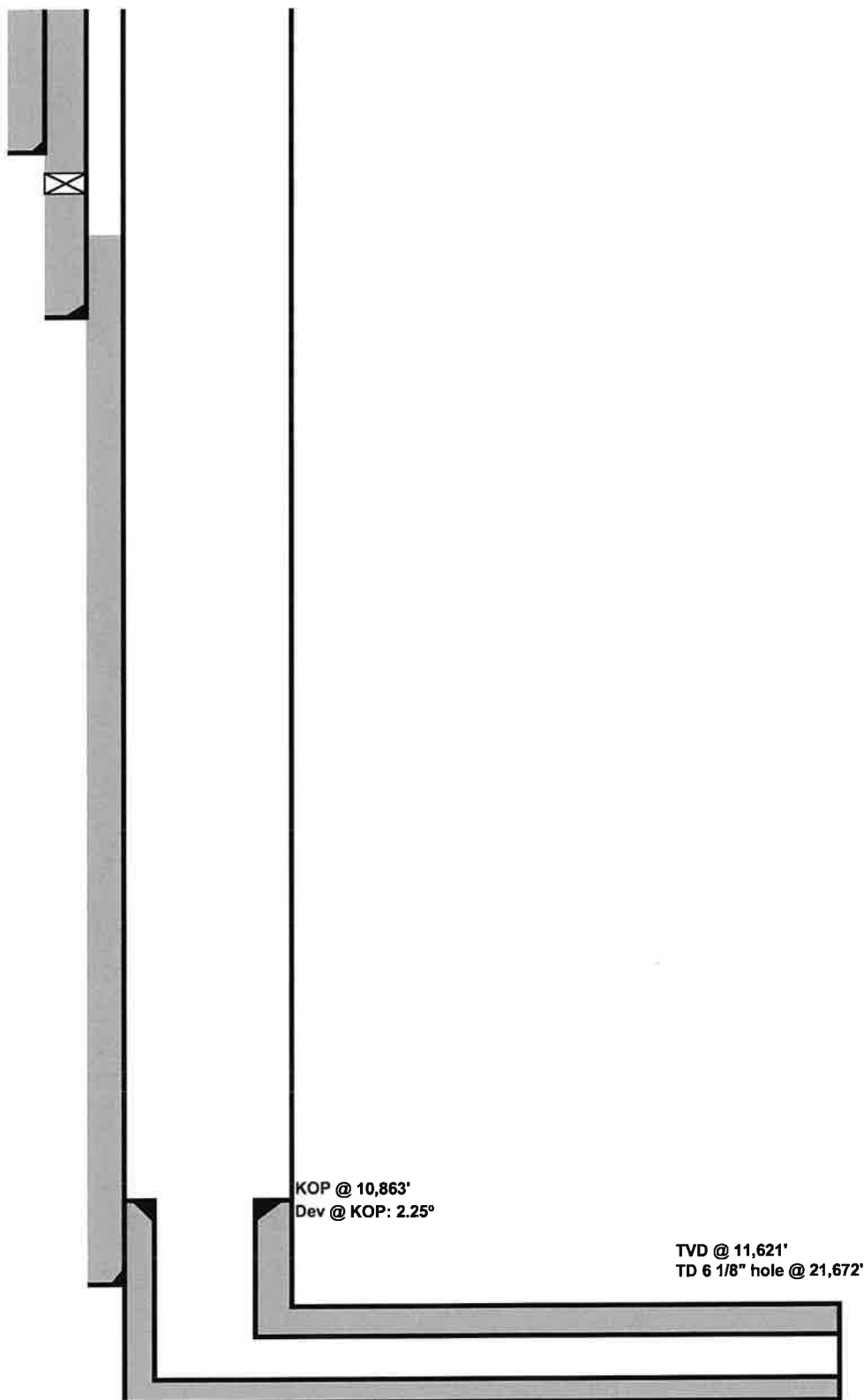
Liner

6 1/8" x 4 1/2" 13.5 # HCP110

Set @ 10,575' - 21,672'

Cmt w/ 800 sx

TOC @ 10,575'



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 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

ACKNOWLEDGMENTS

Action 66896

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 66896
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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 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

CONDITIONS

Action 66896

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 66896
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	12/21/2021