

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

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

Released to Imaging: 6/7/2024 3:22:12 PM

Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

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 New Well / 10/29/2020
⁴ API Number 30 - 015-46340	⁵ Pool Name Purple Sage; Wolfcamp (Gas)	⁶ Pool Code 98220
⁷ Property Code 326171	⁸ Property Name Styx 17 WOOB Fee	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
A	20	23S	28E		316	North	367	East	Eddy

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
B	17	23S	28E		319	North	2299	East	Eddy
¹² Lse Code P	¹³ Producing Method Code Gas Lift	¹⁴ Gas Connection Date 10/29/2020	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
327139	Sendero Midstream 1000 Louisiana Street Suite 6900 Houston, TX 77002	G

IV. Well Completion Data

²¹ Spud Date 11/30/2019	²² Ready Date 10/29/2020	²³ TD 14810'	²⁴ PBD 14792'	²⁵ Perforations 10148' - 14761'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/4"	420'	475		
12 1/4"	9 5/8"	2443'	550		
8 3/4"	7"	9620'	750		
6 1/8"	4 1/2" Liner 2 7/8"	8942' - 14810' 8933'	350		

V. Well Test Data⁴¹

³¹ Date New Oil 10/29/2020	³² Gas Delivery Date 10/29/2020	³³ Test Date 11/2/2020	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 1400	³⁶ Csg. Pressure NA
³⁷ Choke Size 27/64"	³⁸ Oil 495	³⁹ Water 3948	⁴⁰ Gas 1166		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:

Printed name:

Jackie Lathan

Title:

Regulatory

E-mail Address:

jlathan@mewbourne.com

Date:

11/04/2020

Phone:

575-393-5905

OIL CONSERVATION DIVISION

Approved by:

PATRICIA MARTINEZ

Title:

PETROLEUM SPECIALIST

Approval Date:

6/7/2024

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 30-015-46340		2 Pool Code 98220		3 Pool Name PURPLE SAGE; WOLFCAMP (GAS)					
4 Property Code 326171		5 Property Name STYX 17 WOOB FEE						6 Well Number 1H	
7 GRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY						9 Elevation 3037'	
10 Surface Location									
UL or lot no. A	Section 20	Township 23S	Range 28E	Lot Idn	Feet from the 316	North/South line NORTH	Feet From the 367	East/West line EAST	County EDDY
11 Bottom Hole Location If Different From Surface									
UL or lot no. B	Section 17	Township 23S	Range 28E	Lot Idn	Feet from the 319'	North/South line NORTH	Feet from the 2299'	East/West line EAST	County EDDY
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.

GEODETIC DATA
NAD 83 GRID - NM EAST
BOTTOM HOLE
N: 477187.7 E: 610768.3
LAT: 32.316619° N
LONG: 104.085911° W

GEODETIC DATA
NAD 83 GRID - NM EAST
SURFACE LOCATION
N: 471885.9 E: 612747.5
LAT: 32.2970762° N
LONG: 104.1022215° W

CORNER DATA
NAD 83 GRID - NM EAST
A: FOUND 1/2" REBAR
N: 466867.5 - E: 607843.9
B: FOUND 1/2" REBAR
N: 472218.9 - E: 607832.7
C: FOUND 3/4" REBAR
N: 477504.1 - E: 607780.9
D: FOUND COTTON SPINDLE
N: 477516.1 - E: 610414.8
E: FOUND 1/2" REBAR
N: 477528.2 - E: 613075.4
F: FOUND 1/2" REBAR
N: 474863.7 - E: 613094.3
G: FOUND COTTON SPINDLE
N: 472200.3 - E: 613112.7
H: FOUND 1/2" REBAR
N: 466881.6 - E: 613142.8
I: FOUND 1/2" REBAR
N: 466874.6 - E: 610479.4
J: FOUND 1/2" REBAR
N: 472210.9 - E: 610473.4

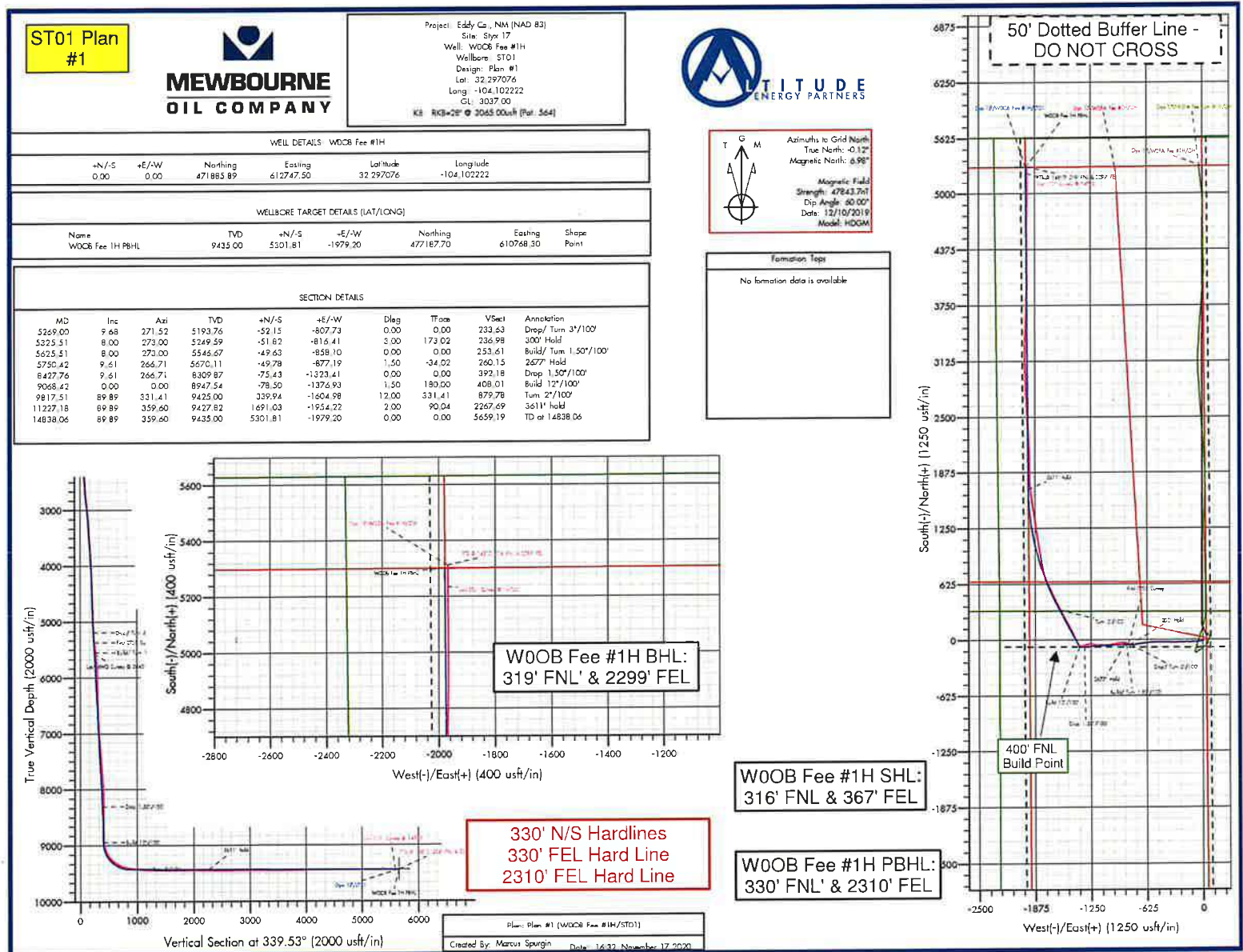
17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Jackie Lathan Date: 11/04/2020
Printed Name: Jackie Lathan
E-mail Address: jlathan@mewbourne.com

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.

8-14-2019
Date of Survey
Signature and Seal of Professional Surveyor: Robert M. Howett
19680
Certificate Number

Job No: LS19080826





Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Styx 17

W00B Fee #1H

ST01

Design: ST01

Standard Survey Report

17 November, 2020





Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W00B Fee #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	RKB=28' @ 3065.00usft (Pat. 564)
Site:	Styx 17	MD Reference:	RKB=28' @ 3065.00usft (Pat. 564)
Well:	W00B Fee #1H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	Database:	EDM 5000.1 Single User Db

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	Styx 17				
Site Position:		Northing:	471,885.90 usft	Latitude:	32.297076
From:	Map	Easting:	612,747.50 usft	Longitude:	-104.102222
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	W00B Fee #1H				
Well Position	+N/-S	0.00 usft	Northing:	471,885.89 usft	Latitude: 32.297076
	+E/-W	0.00 usft	Easting:	612,747.50 usft	Longitude: -104.102222
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level: 3,037.00 usft
Grid Convergence:		0.12 °			

Wellbore	ST01				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	12/10/2019	7.10	60.00	47,843.70000000

Design	ST01				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	5,269.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	339.53	

Survey Program	Date	11/17/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
469.00	5,269.00	MWD Survey (OH)	MWD	OWSG MWD - Standard	
5,449.00	14,810.00	MWD Survey (ST01)	MWD	OWSG MWD - 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	
469.00	1.52	134.64	468.94	-4.37	4.43	-5.64	0.32	0.32	0.00	
675.00	2.97	244.65	674.84	-8.58	1.55	-8.58	1.83	0.70	53.40	
864.00	7.32	258.09	863.04	-13.16	-14.67	-7.20	2.37	2.30	7.11	
1,055.00	10.39	264.20	1,051.75	-17.41	-43.72	-1.03	1.68	1.61	3.20	
1,244.00	10.42	265.35	1,237.64	-20.52	-77.71	7.95	0.11	0.02	0.61	
1,434.00	10.64	268.25	1,424.44	-22.45	-112.37	18.26	0.30	0.12	1.53	
1,623.00	10.64	271.19	1,610.19	-22.62	-147.25	30.30	0.29	0.00	1.56	
1,814.00	9.40	269.21	1,798.28	-22.47	-180.48	42.07	0.67	-0.65	-1.04	



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W00B Fee #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	RKB=28' @ 3065.00usft (Pat. 564)
Site:	Styx 17	MD Reference:	RKB=28' @ 3065.00usft (Pat. 564)
Well:	W00B Fee #1H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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)
2,000.00	9.94	269.78	1,981.63	-22.74	-211.72	52.74	0.29	0.29	0.31
2,187.00	8.88	268.69	2,166.12	-23.13	-242.29	63.06	0.57	-0.57	-0.58
2,373.00	10.36	265.00	2,349.50	-24.92	-273.30	72.23	0.86	0.80	-1.98
2,398.00	10.26	265.77	2,374.09	-25.28	-277.76	73.46	0.68	-0.40	3.08
2,567.00	9.55	264.81	2,540.57	-27.66	-306.73	81.36	0.43	-0.42	-0.57
2,753.00	13.90	272.28	2,722.66	-28.16	-344.44	94.07	2.47	2.34	4.02
2,939.00	13.73	275.46	2,903.28	-25.17	-388.74	112.36	0.42	-0.09	1.71
3,126.00	12.75	270.73	3,085.31	-22.80	-431.47	129.53	0.78	-0.52	-2.53
3,312.00	12.12	269.58	3,266.95	-22.68	-471.52	143.65	0.36	-0.34	-0.62
3,498.00	11.36	267.36	3,449.06	-23.67	-509.34	155.95	0.48	-0.41	-1.19
3,685.00	11.61	266.87	3,632.31	-25.54	-546.53	167.20	0.14	0.13	-0.26
3,871.00	11.87	267.12	3,814.42	-27.53	-584.32	178.56	0.14	0.14	0.13
4,057.00	10.59	264.74	3,996.86	-30.06	-620.45	188.82	0.73	-0.69	-1.28
4,243.00	9.95	262.24	4,179.88	-33.79	-653.39	196.84	0.42	-0.34	-1.34
4,430.00	10.26	260.29	4,363.98	-38.78	-685.82	203.51	0.25	0.17	-1.04
4,617.00	9.67	262.14	4,548.16	-43.74	-717.79	210.05	0.36	-0.32	0.99
4,804.00	8.13	260.40	4,732.90	-48.09	-746.39	215.97	0.84	-0.82	-0.93
4,991.00	6.85	264.52	4,918.30	-51.36	-770.53	221.35	0.74	-0.68	2.20
5,083.00	6.66	267.59	5,009.66	-52.11	-781.32	224.42	0.44	-0.21	3.34
5,269.00	9.68	271.52	5,193.76	-52.15	-807.73	233.62	1.65	1.62	2.11
5,449.00	8.01	284.39	5,371.63	-48.63	-835.01	246.46	1.43	-0.93	7.15
First ST01 Survey									
5,479.00	7.07	299.88	5,401.37	-47.19	-838.64	249.07	7.43	-3.13	51.63
5,510.00	8.15	304.24	5,432.10	-45.00	-842.11	252.34	3.95	3.48	14.06
5,541.00	9.73	305.84	5,462.72	-42.23	-846.05	256.31	5.16	5.10	5.16
5,586.00	11.93	297.81	5,506.92	-37.84	-853.25	262.95	5.92	4.89	-17.84
5,634.00	12.33	288.07	5,553.85	-33.93	-862.51	269.84	4.34	0.83	-20.29
5,679.00	12.57	285.76	5,597.79	-31.11	-871.79	275.73	1.23	0.53	-5.13
5,727.00	12.30	275.76	5,644.67	-29.18	-881.90	281.08	4.52	-0.56	-20.83
5,772.00	12.27	268.11	5,688.64	-28.86	-891.45	284.72	3.62	-0.07	-17.00
5,821.00	12.38	267.79	5,736.51	-29.23	-901.91	288.03	0.26	0.22	-0.65
6,007.00	9.78	258.61	5,919.05	-33.12	-937.32	296.77	1.69	-1.40	-4.94
6,193.00	8.25	252.81	6,102.75	-40.18	-965.56	300.03	0.96	-0.82	-3.12
6,381.00	8.10	257.70	6,288.84	-46.99	-991.39	302.68	0.38	-0.08	2.60
6,566.00	8.40	265.11	6,471.93	-50.92	-1,017.59	308.16	0.60	0.16	4.01
6,756.00	9.86	263.91	6,659.52	-53.83	-1,047.59	315.93	0.77	0.77	-0.63
6,943.00	10.72	261.26	6,843.51	-58.17	-1,080.70	323.44	0.52	0.46	-1.42
7,129.00	10.48	273.61	7,026.36	-59.74	-1,114.69	333.86	1.23	-0.13	6.64
7,314.00	9.08	275.12	7,208.67	-57.37	-1,146.02	347.03	0.77	-0.76	0.82
7,499.00	10.98	273.24	7,390.83	-55.07	-1,178.15	360.42	1.04	1.03	-1.02
7,686.00	8.94	280.48	7,575.01	-51.42	-1,210.23	375.06	1.28	-1.09	3.87
7,871.00	10.23	269.60	7,757.44	-48.92	-1,240.79	388.09	1.20	0.70	-5.88
8,059.00	8.78	266.78	7,942.85	-49.85	-1,271.81	398.08	0.81	-0.77	-1.50



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W00B Fee #1H
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Site:	Styx 17	MD Reference:	RKB=28' @ 3065.00usft (Pat. 564)
Well:	W00B Fee #1H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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)
8,246.00	6.74	267.43	8,128.13	-51.14	-1,297.03	405.68	1.09	-1.09	0.35
8,433.00	6.76	245.76	8,313.87	-56.15	-1,318.03	408.33	1.35	0.01	-11.59
8,619.00	6.46	257.50	8,498.64	-82.91	-1,338.23	409.08	0.74	-0.16	6.31
8,805.00	5.17	259.21	8,683.68	-68.75	-1,356.68	411.92	0.70	-0.69	0.92
8,928.00	4.26	252.01	8,806.26	-69.19	-1,366.47	413.05	0.88	-0.74	-5.85
9,021.00	3.39	258.64	8,899.05	-70.80	-1,372.45	413.64	1.05	-0.94	7.13
9,067.00	5.62	309.22	8,944.92	-69.65	-1,375.53	415.80	9.44	4.85	109.96
9,114.00	10.16	322.46	8,991.47	-64.90	-1,379.84	421.75	10.34	9.66	28.17
9,160.00	15.49	328.93	9,036.31	-56.42	-1,385.48	431.87	11.98	11.59	14.07
9,207.00	20.63	330.00	9,080.98	-43.86	-1,392.87	446.02	10.98	10.94	2.28
9,253.00	25.10	330.57	9,123.35	-28.34	-1,401.72	463.66	9.73	9.72	1.24
9,299.00	30.92	330.46	9,163.95	-9.54	-1,412.35	484.98	12.65	12.65	-0.24
9,345.00	37.38	333.40	9,202.00	13.25	-1,424.44	510.57	14.49	14.04	6.39
9,393.00	41.49	337.24	9,239.07	40.96	-1,437.12	540.96	9.95	8.56	8.00
9,439.00	46.41	336.46	9,272.18	70.30	-1,449.68	572.84	10.76	10.70	-1.70
9,486.00	51.99	333.92	9,302.88	102.56	-1,464.63	608.29	12.66	11.87	-5.40
9,532.00	57.30	331.34	9,329.49	135.85	-1,481.89	645.52	12.42	11.54	-5.61
9,579.00	63.35	331.36	9,352.75	171.67	-1,501.46	685.92	12.87	12.87	0.04
9,625.00	68.24	331.27	9,371.60	208.46	-1,521.60	727.43	10.63	10.63	-0.20
9,672.00	72.29	330.74	9,387.47	247.15	-1,543.04	771.17	8.68	8.62	-1.13
9,718.00	76.43	330.01	9,399.87	285.65	-1,564.93	814.89	9.13	9.00	-1.59
9,764.00	80.61	332.88	9,409.02	325.23	-1,586.47	859.51	10.95	9.09	6.24
9,794.00	83.11	332.87	9,413.27	351.66	-1,600.01	899.01	8.33	8.33	-0.03
9,840.00	86.19	333.86	9,417.56	392.60	-1,620.54	934.53	7.03	6.70	2.15
9,887.00	85.76	333.65	9,420.86	434.65	-1,641.27	981.18	1.02	-0.91	-0.45
9,934.00	85.71	333.34	9,424.35	476.59	-1,662.18	1,027.79	0.67	-0.11	-0.66
9,980.00	86.04	333.92	9,427.66	517.70	-1,682.56	1,073.43	1.45	0.72	1.26
10,027.00	85.90	334.20	9,430.96	559.86	-1,703.07	1,120.10	0.66	-0.30	0.60
10,073.00	85.80	333.45	9,434.29	601.03	-1,723.31	1,165.75	1.64	-0.22	-1.63
10,120.00	86.63	335.93	9,437.40	643.42	-1,743.36	1,212.48	5.55	1.77	5.28
10,167.00	90.48	339.38	9,438.58	686.87	-1,761.21	1,259.42	11.00	8.19	7.34
10,214.00	92.83	343.33	9,437.22	731.37	-1,776.23	1,306.36	9.78	5.00	8.40
10,260.00	91.48	346.55	9,435.49	775.75	-1,788.17	1,352.12	7.59	-2.93	7.00
10,307.00	89.24	350.21	9,435.20	821.78	-1,797.63	1,398.55	9.13	-4.77	7.79
10,399.00	88.40	350.46	9,437.09	912.45	-1,813.08	1,488.90	0.95	-0.91	0.27
10,492.00	88.46	350.44	9,439.64	1,004.13	-1,828.50	1,580.18	0.07	0.06	-0.02
10,585.00	89.64	351.10	9,441.18	1,095.91	-1,843.41	1,671.38	1.45	1.27	0.71
10,678.00	89.38	350.87	9,441.98	1,187.76	-1,857.99	1,762.52	0.37	-0.28	-0.25
10,771.00	91.04	351.85	9,441.64	1,279.70	-1,871.96	1,853.54	2.07	1.78	1.05
10,864.00	91.04	351.61	9,439.95	1,371.71	-1,885.33	1,944.43	0.26	0.00	-0.26
10,957.00	89.58	351.06	9,439.45	1,463.65	-1,899.34	2,035.46	1.68	-1.57	-0.59
11,050.00	89.05	350.84	9,440.56	1,555.48	-1,913.97	2,126.61	0.62	-0.57	-0.24
11,142.00	89.36	353.28	9,441.83	1,646.59	-1,926.68	2,216.40	2.67	0.34	2.65
11,235.00	89.21	355.55	9,443.00	1,739.13	-1,935.73	2,306.27	2.45	-0.16	2.44



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well WQOB Fee #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	RKB=28' @ 3066.00usft (Pat. 664)
Site:	Styx 17	MD Reference:	RKB=28' @ 3066.00usft (Pat. 664)
Well:	WQOB Fee #1H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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)	Buid Rate (°/100usft)	Turn Rate (°/100usft)
11,328.00	89.13	359.90	9,444.34	1,832.03	-1,939.42	2,394.69	4.66	-0.09	4.66
11,422.00	89.83	359.29	9,445.20	1,926.02	-1,940.06	2,482.98	0.99	0.74	-0.65
11,516.00	90.11	359.40	9,445.24	2,019.01	-1,941.14	2,570.97	0.32	0.30	0.12
11,609.00	90.62	356.69	9,444.66	2,112.95	-1,944.35	2,659.60	2.93	0.64	-2.86
11,701.00	90.48	359.60	9,443.76	2,204.76	-1,949.73	2,747.42	0.16	-0.15	-0.10
11,794.00	90.25	357.31	9,443.17	2,297.65	-1,954.67	2,836.15	0.60	-0.25	0.76
11,887.00	90.39	357.30	9,442.65	2,390.65	-1,959.05	2,924.71	0.15	0.15	-0.01
11,981.00	90.36	357.16	9,442.04	2,484.43	-1,963.59	3,014.26	0.15	-0.03	-0.15
12,074.00	90.42	356.88	9,441.40	2,577.31	-1,968.42	3,102.95	0.31	0.06	-0.30
12,167.00	90.25	357.04	9,440.89	2,670.17	-1,973.36	3,191.68	0.25	-0.18	0.17
12,260.00	89.83	357.77	9,440.79	2,763.08	-1,977.57	3,280.19	0.91	-0.45	0.76
12,353.00	90.00	357.57	9,440.93	2,856.00	-1,981.35	3,368.67	0.28	0.18	-0.22
12,446.00	90.31	358.34	9,440.68	2,948.94	-1,984.67	3,456.80	0.89	0.33	0.83
12,541.00	89.89	359.00	9,440.51	3,043.91	-1,988.87	3,546.55	0.82	-0.44	0.69
12,634.00	89.08	359.82	9,441.35	3,136.90	-1,993.83	3,634.00	1.24	-0.87	0.88
12,727.00	90.81	359.63	9,441.44	3,229.90	-1,998.36	3,721.31	1.89	1.86	-0.31
12,820.00	89.89	1.42	9,441.03	3,322.89	-1,997.59	3,808.16	2.36	-1.20	2.03
12,912.00	90.25	1.73	9,441.08	3,414.85	-1,995.06	3,893.43	0.70	0.61	0.34
13,006.00	90.67	2.16	9,440.33	3,508.80	-1,991.87	3,980.33	0.64	0.45	0.46
13,099.00	90.06	2.04	9,439.73	3,601.73	-1,978.46	4,066.20	0.67	-0.66	-0.13
13,191.00	90.81	2.23	9,439.04	3,693.66	-1,975.03	4,151.13	0.64	0.82	0.21
13,284.00	89.16	1.39	9,439.08	3,786.51	-1,972.09	4,237.18	1.99	-1.77	-0.90
13,377.00	89.97	2.07	9,439.77	3,879.57	-1,969.29	4,323.29	1.14	0.87	0.73
13,470.00	90.59	359.70	9,439.31	3,972.55	-1,967.65	4,409.69	2.63	0.67	-2.55
13,562.00	90.31	359.64	9,438.69	4,064.54	-1,968.38	4,496.26	0.31	-0.30	-0.07
13,656.00	90.48	359.38	9,437.94	4,156.54	-1,969.18	4,584.60	0.33	0.18	-0.28
13,749.00	89.66	359.82	9,437.83	4,251.53	-1,969.83	4,671.96	1.00	-0.88	0.47
13,841.00	90.14	0.41	9,437.99	4,343.53	-1,969.65	4,758.08	0.83	0.52	0.64
13,935.00	90.90	359.32	9,437.14	4,437.53	-1,969.87	4,846.22	1.41	0.81	-1.16
14,027.00	89.66	359.21	9,436.89	4,529.52	-1,971.05	4,932.81	1.36	-1.35	-0.12
14,120.00	89.30	0.51	9,437.83	4,622.51	-1,971.28	5,020.01	1.45	-0.39	1.40
14,214.00	89.92	0.54	9,436.17	4,716.50	-1,970.42	5,107.77	0.66	0.66	0.03
14,307.00	91.32	1.13	9,437.18	4,809.48	-1,969.06	5,194.41	1.63	1.51	0.63
14,400.00	91.79	0.82	9,434.84	4,902.44	-1,967.48	5,280.94	0.61	0.61	-0.33
14,493.00	89.30	359.33	9,433.76	4,995.42	-1,967.36	5,368.01	3.12	-2.88	-1.60
14,586.00	90.08	359.88	9,434.25	5,087.42	-1,967.99	5,454.42	1.04	0.85	0.60
14,678.00	89.27	359.51	9,434.78	5,180.41	-1,968.49	5,541.71	0.96	-0.87	-0.40
14,733.00	89.94	359.90	9,435.16	5,235.41	-1,968.77	5,629.34	1.41	1.22	0.71
Last ST01 Survey @ 14733'									
14,810.00	89.94	359.90	9,435.24	5,312.41	-1,968.90	5,696.62	0.00	0.00	0.00
PTB @ 14810' 319' FNL & 2299' FEL									



Altitude Energy Partners Survey Report



Company:	Mawbourne Oil Company	Local Co-ordinate Reference:	Well WQOB Fee #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	RKB=28' @ 9965.00uoft (Pat. 584)
Site:	Styx 17	MD Reference:	RKB=28' @ 9965.00uoft (Pat. 584)
Well:	WQOB Fee #1H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	Database:	EDM 5000.1 Single User Db

Design Annotations

Measured Depth (uoft)	Vertical Depth (uoft)	Local Coordinates		Comment
		+N/-S (uoft)	+E/-W (uoft)	
5,448.00	5,371.83	-48.83	-935.91	First ST01 Survey
14,733.00	9,435.16	5,235.41	+1,988.77	Last ST01 Survey @ 14733'
14,819.00	9,435.24	5,312.41	+1,988.80	PTB @ 14819' 319' FNL & 2298' FEL

Checked By: _____ Approved By: _____ Date: _____

Intent ☐ As Drilled ☒

API # 30-015-46340		
Operator Name: Mewbourne Oil Company	Property Name: Styx 17 W0OB Fee	Well Number 1H

Kick Off Point (KOP)

UL B	Section 20	Township 23S	Range 28E	Lot	Feet 392	From N/S N	Feet 1740	From E/W E	County Eddy
Latitude 32.2968898					Longitude -104.1066637			NAD 83	

First Take Point (FTP)

UL O	Section 17	Township 23S	Range 28E	Lot	Feet 346	From N/S S	Feet 2117	From E/W E	County Eddy
Latitude 32.2989264					Longitude -104.1078937			NAD 83	

Last Take Point (LTP)

UL B	Section 17	Township 23S	Range 28E	Lot	Feet 337	From N/S N	Feet 2299	From E/W E	County Eddy
Latitude 32.3116413					Longitude -104.1085578			NAD 83	

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

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

API # 30-015-46338		
Operator Name: Mewbourne Oil Company	Property Name: Styx 17 W0PA Fee	Well Number 2H

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-015-46340
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Styx 17 W00B Fee
8. Well Number 1H
9. OGRID Number 14744
10. Pool name or Wildcat Purple Sage; Wolfcamp (GAS) 98220
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3037' GL

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Mewbourne Oil Company

3. Address of Operator
PO Box 5270, Hobbs NM 88241

4. Well Location

Unit Letter A : 316 feet from the North line and 367 feet from the East line

Section 20 Township 23S Range 28E NMPM Eddy County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: Completion Sundry ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

10/20/2020 Frac Horizontal Wolfcamp from 10148' MD to 14761' MD w/5,855,640 gals FW & 5,488,140 gals PW slickwater, carrying 11,445,635# Local 100 Mesh Sand.

Flowback well for cleanup.

10/25/2020 Drill out frac plugs to 14769'.

10/29/2020 RIH w/2 7/8" 6.5# L80 tbg & GLVs to 8933'. Put well on production.

Formation Top Bottom Descriptions, Contents, etc.

Name Top (MD) 9320' - 14810' WATER, OIL & GAS

Castile 866' Base of salt 2236' Delaware 2470' Bell Canyon 2502' Cherry Canyon 3335'
 Manzanita 3523' Brushy Canyon 4538' Bone Spring 6140' Wolfcamp 9320'

Spud Date: 11/30/2019

Rig Release Date: 12/22/2019

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jackie Lathan TITLE Regulatory DATE 11/04/2020

Type or print name Jackie Lathan E-mail address: jlathan@mewbourne.com PHONE: 575-393-5905

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							1. WELL API NO. 30-015-46340			
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)							2. Type of Lease ☐ STATE ☒ FEE ☐ FED/INDIAN			
							3. State Oil & Gas Lease No.			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER							5. Lease Name or Unit Agreement Name Styx 17 WOOB Fee			
8. Name of Operator Mewbourne Oil Company							6. Well Number: 1H			
10. Address of Operator PO Box 5270 Hobbs, NM 88240							11. Pool name or Wildcat Purple Sage; Wolfcamp (Gas) 98220			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	20	23S	28E		316	North	367	East	Eddy
BH:	B	17	23S	28E		319	North	2299	East	Eddy
13. Date Spudded 11/30/19		14. Date T.D. Reached 12/20/19		15. Date Rig Released 12/22/19		16. Date Completed (Ready to Produce) 10/29/2020		17. Elevations (DF and RKB, RT, GR, etc.) 3037' GL		
18. Total Measured Depth of Well 14810'			19. Plug Back Measured Depth 14792'		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR			
22. Producing Interval(s), of this completion - Top, Bottom, Name 10148' MD – 14761' MD Wolfcamp										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.5		420'		17 1/2"		475		0
9 5/8"		40#		2443'		12 1/4"		550		0
7"		29#		9620'		7"		750		0
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
4 1/2"	8942'	14810		350			SIZE		DEPTH SET	PACKER SET
							2 7/8"		8933	
26. Perforation record (interval, size, and number) 10148' – 14761' (39 stages, 0.50" EHD, 1404 holes)										
							27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 10148' – 14761' 5,855,640 gals FW & 5,488,140 gals PW Slickwater, carrying 11,445.635# Local 100 Mesh sand.			
28. PRODUCTION										
Date First Production 10/29/20		Production Method (Flowing, gas lift, pumping - Size and type pump) Gas Lift					Well Status (Prod. or Shut-in) Producing			
Date of Test 11/02/2020	Hours Tested 24 hrs	Choke Size 27/64	Prod'n For Test Period	Oil - Bbl 495	Gas - MCF 1166	Water - Bbl. 3948	Gas - Oil Ratio 2355			
Flow Tubing Press. 1400	Casing Pressure NA	Calculated 24-Hour Rate	Oil - Bbl. 495	Gas - MCF 1166	Water - Bbl. 3948	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Robin Terrell			
31. List Attachments C104, Deviation Survey, completion sundry, Directional Survey, Gyro log, Final C-102										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 12/22/19			
34. If an on-site burial was used at the well, report the exact location of the on-site burial Latitude Longitude NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Jackie Lathan			Printed							
Signature 			Name		Regulatory		Title		11/04/2020	
E-mail Address jathan@mewbourne.com			Date							

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Bell Canyon 2502	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2236	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Brushy Canyon 4538	T. Dakota	
T. Tubb	T. Delaware 2470	T. Morrison	
T. Drinkard	T. Bone Springs 6140	T. Todilto	
T. Abo	T. Capitan Reef	T. Entrada	
T. Wolfcamp 9320'	T. Manzanita 3523	T. Wingate	
T. Penn	T. Castile 866	T. Chinle	
T. Cisco (Bough C)	T. Cherry Canyon 3335	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD				(Attach additional sheet if necessary)			
From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

Mewbourne Oil Company

Well Name: Styx 17 W00B Fee #1H

Updated by: Andy Taylor

Spud Date: 11/30/2019

Date Updated: 3/10/2022

Surface

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

Set @ 420'

Cmt w/ 475 sx

Circ. 205 sx to pit

Intermediate

12 1/2" x 9 3/4" 40# HCL80

Set @ 2443'

Cmt w/ 550 sx

Circ. 44 sx to pit

Production

8 3/4" x 7" 29# HCP110

Set @ 9620'

Cmt w/ 750 sx

Circ. 8 sx to pit

TBG Detail:

1	2 7/8" Sub w/ Collar	4.02'
1	2 7/8" x 7" AS 1X Pkr	9.25'
1	2 7/8" 6.5# L80 IPC tbg	32.67'
1	2 7/8" L80 IPC GLV #1	4.10'
1	2 7/8" SN & Collar	1.10'
20	2 7/8" 6.5# L80 IPC tbg	652.39'
1	2 7/8" L80 IPC GLV #2	4.10'
20	2 7/8" 6.5# L80 IPC tbg	651.61'
1	2 7/8" L80 IPC GLV #3	4.10'
19	2 7/8" 6.5# L80 IPC tbg	618.15'
1	2 7/8" L80 IPC GLV #4	4.10'
20	2 7/8" 6.5# L80 IPC tbg	646.31'
1	2 7/8" L80 IPC GLV #5	4.10'
20	2 7/8" 6.5# L80 IPC tbg	645.88'
1	2 7/8" L80 IPC GLV #6	4.10'
20	2 7/8" 6.5# L80 IPC tbg	643.79'
1	2 7/8" L80 IPC GLV #7	4.10'
20	2 7/8" 6.5# L80 IPC tbg	645.73'
1	2 7/8" L80 IPC GLV #8	4.10'
21	2 7/8" 6.5# L80 IPC tbg	683.78'
1	2 7/8" L80 IPC GLV #9	4.10'
41	2 7/8" 6.5# L80 IPC tbg	1334.10'
1	2 7/8" L80 IPC GLV #10	4.10'
70	2 7/8" 6.5# L80 IPC tbg	2258.91'
1	2 7/8" 6.5# L80 IPC tbg	4.00'
1	2 7/8" 6.5# L80 IPC tbg	32.28'
Total tbg		8904.97'
KB Correction		28.00'
Tbg set @		8932.97'

Liner

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

Set @ 8942' - 14,810'

Cmt w/ 350 sx

TOC @ 8942'

KOP @ 9021'

Dev @ KOP: 3.39°

TVD @ 9445'

TD 6 1/8" hole @ 14,810'

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 89497

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 89497
	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 89497

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 89497
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	6/7/2024