

Released to Imaging: 7/29/2021 8:12:26 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
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 NW / 04/30/2021
⁴ API Number 30 - 015-47059	⁵ Pool Name Purple Sage; Wolfcamp (Gas)	⁶ Pool Code 98220
⁷ Property Code 328121	⁸ Property Name Rock Spur 27 W1CN State 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
B	27	24S	28E		250	North	1360	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
N	27	24S	28E		318	South	2394	West	Eddy
¹² Lse Code S	¹³ Producing Method Code Gaslift	¹⁴ Gas Connection Date 04/30/2021	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
327139	Sendero Midstream 1000 Lousiana Street Suite 6900 Houston, TX 77002	G

IV. Well Completion Data

²¹ Spud Date 12/16/2021	²² Ready Date 04/30/2021	²³ TD 14748'	²⁴ PBSD 14707'	²⁵ Perforations 10073' - 14692'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 ¾" 54.# J55	459'	677		
12 ¼"	9 ⅝" 40# HCL80	2465'	625		
8 ¾"	7" 29# HCP110	9586'	850		
6 ⅝"	4 ½" Liner 2 ⅞"	9295' – 14748' 9274'	450		

V. Well Test Data

³¹ Date New Oil 04/30/2021	³² Gas Delivery Date 04/30/2021	³³ Test Date 05/05/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 700	³⁶ Csg. Pressure 295
³⁷ Choke Size 64/64"	³⁸ Oil 806	³⁹ Water 3496	⁴⁰ Gas 2160		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: 		OIL CONSERVATION DIVISION	
Printed name Jackie Lathan		Approved by: Kurt Simmons	
Title: Regulatory		Title: NMOCD, Santa Fe	
E-mail Address: jlathan@mewbourne.com		Approval Date: 07/29/2021	
Date: 06/01/2021	Phone: 575-393-5905		

Received by OCD: 6/2/2021 7:04:40 AM

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

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

Form C-103
Revised July 18, 2013

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.)		WELL API NO. 30-015-47059
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Mewbourne Oil Company		6. State Oil & Gas Lease No.
3. Address of Operator PO Box 5270, Hobbs NM 88241		7. Lease Name or Unit Agreement Name Rock Spur 27 W1CN St Com
4. Well Location Unit Letter <u>B</u> : <u>250</u> feet from the <u>North</u> line and <u>1360</u> feet from the <u>East</u> line Section <u>27</u> Township <u>24S</u> Range <u>28E</u> NMPM Eddy County		8. Well Number <u>1H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2945' GL		9. OGRID Number <u>14744</u>
10. Pool name or Wildcat Purple Sage; Wolfcamp		

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: Correct acreage ☒

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.

We would like to make a correction from the original C-102 submitted. Acreage should be 640 acres.

Attached is the correct C-102

Spud Date: 12/16/2020

Rig Release Date: 01/07/2021

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 07/29/2021

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):

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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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

Corrected acreage

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47059	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 328121	⁵ Property Name ROCK SPUR 27 W1CN STATE COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 1H
		⁹ Elevation 2958'

¹⁰ Surface Location

UL or lot no. B	Section 27	Township 24S	Range 28E	Lot Idn	Feet from the 250	North/South line NORTH	Feet From the 1360	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. N	Section 27	Township 24S	Range 28E	Lot Idn	Feet from the 318	North/South line SOUTH	Feet from the 2394	East/West line WEST	County EDDY
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¹² Dedicated Acres 640	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.

GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 434897.5 - E: 622442.6 LAT: 32.1953387° N LONG: 104.0711369° W BOTTOM HOLE LOCATION N: 430109.4 - E: 620920.4 LAT: 32.1821868° N LONG: 104.0760948° W CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1942" N: 429768.0 - E: 618526.6 B: FOUND BRASS CAP "1942" N: 432451.2 - E: 618480.9 C: FOUND BRASS CAP "1942" N: 435137.9 - E: 618435.0 D: FOUND BRASS CAP "1942" N: 435150.7 - E: 623799.8 E: FOUND BRASS CAP "1942" N: 432471.6 - E: 623826.7 F: FOUND BRASS CAP "1942" N: 429793.4 - E: 623853.9 G: FOUND BRASS CAP "1942" N: 429780.8 - E: 621190.0		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: <u>Jackie Lathan</u> Date: <u>07/29/2021</u> Printed Name: <u>Jackie Lathan</u> E-mail Address: <u>jlathan@mewbourne.com</u>
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. 03-11-20 Date of Survey Signature and Seal of Professional Surveyor: <u>[Signature]</u> 19680 Certificate Number		

Job No.: LS20030176

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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 30-015-47059	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 328121	⁵ Property Name ROCK SPUR 27 W1CN STATE COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 1H
		⁹ Elevation 2958'

¹⁰ Surface Location

UL or lot no. B	Section 27	Township 24S	Range 28E	Lot Idn	Feet from the 250	North/South line NORTH	Feet from the 1360	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. N	Section 27	Township 24S	Range 28E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 2400	East/West line WEST	County EDDY
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¹² Dedicated Acres 320	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.

GEODETIC DATA NAD 83 GRID — NM EAST SURFACE LOCATION N: 434897.5 — E: 622442.6 LAT: 32.1953387° N LONG: 104.0711369° W BOTTOM HOLE LOCATION N: 430109.4 — E: 620920.4 LAT: 32.1821868° N LONG: 104.0760948° W CORNER DATA NAD 83 GRID — NM EAST A: FOUND BRASS CAP "1942" N: 429768.0 — E: 618526.6 B: FOUND BRASS CAP "1942" N: 432451.2 — E: 618480.9 C: FOUND BRASS CAP "1942" N: 435137.9 — E: 618435.0 D: FOUND BRASS CAP "1942" N: 435150.7 — E: 623799.8 E: FOUND BRASS CAP "1942" N: 432471.6 — E: 623826.7 F: FOUND BRASS CAP "1942" N: 429793.4 — E: 623853.9 G: FOUND BRASS CAP "1942" N: 429780.8 — E: 621190.0		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>Jackie Lathan</i> 06/01/2021 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. 03-11-20 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR
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Plan #1


MEWBOURNE
OIL COMPANY

Project: Eddy Co., NM (NAD 83)
 Site: Rock Spur Pad
 Well: Rock Spur 27 W1CN State Com #1H
 Wellbore: OH
 Design: Plan #1
 Lat: 32.195339
 Long: -104.071137
 GL: 2958.00
 KB: KB=28' @ 2986.00usft (Patterson 558)



WELL DETAILS: Rock Spur 27 W1CN State Com #1H

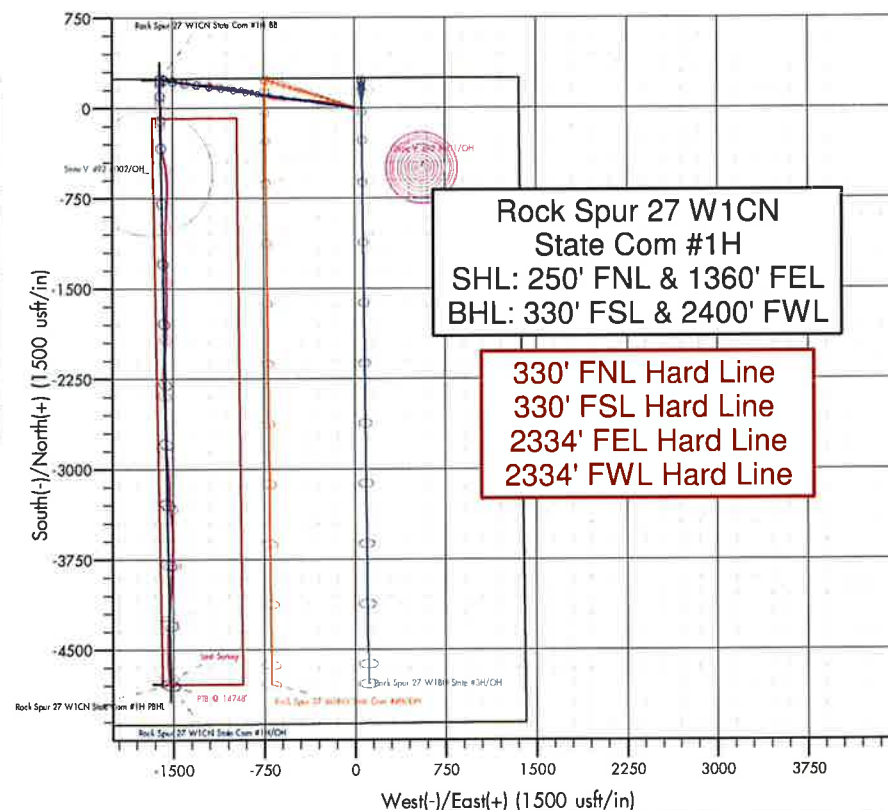
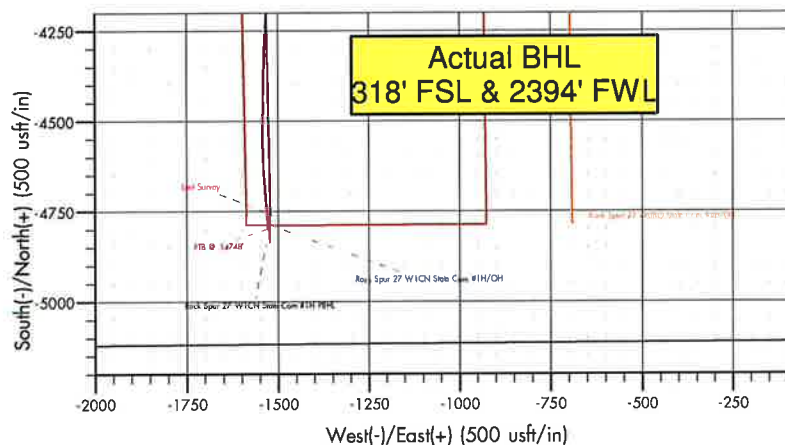
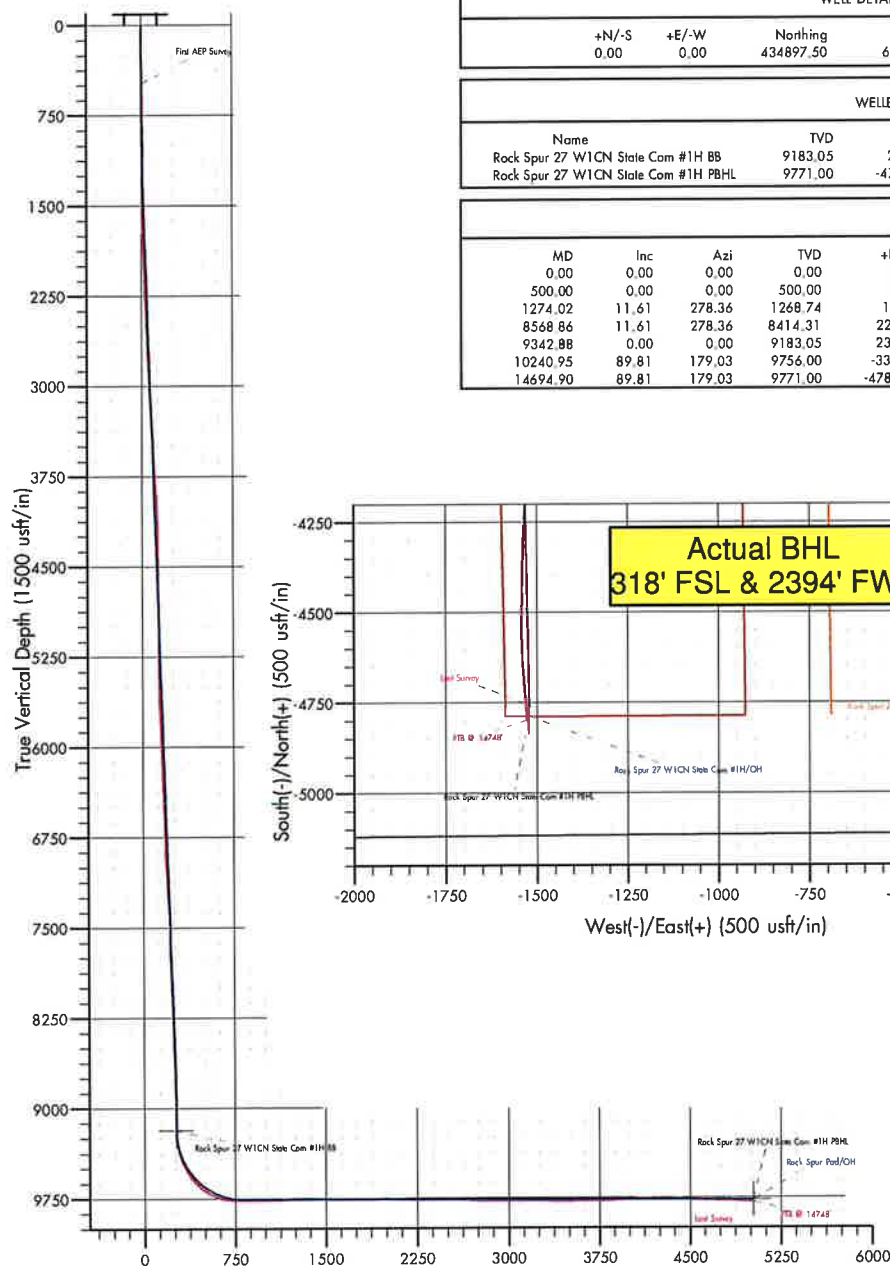
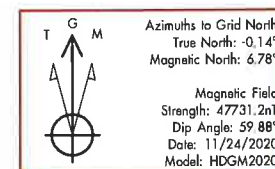
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	434897.50	622442.60	32.195339	-104.071137

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Rock Spur 27 W1CN State Com #1H BB	9183.05	236.13	-1607.18	435133.63	620835.42	Point
Rock Spur 27 W1CN State Com #1H PBHL	9771.00	-4788.10	-1522.20	430109.40	620920.40	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	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	Build 1.5"/100'
1274.02	11.61	278.36	1268.74	11.36	-77.33	1.50	278.36	12.60	7294' Hold
8568.86	11.61	278.36	8414.31	224.77	-1529.85	0.00	0.00	249.30	Drop 1.5"/100'
9342.88	0.00	0.00	9183.05	236.13	-1607.18	1.50	180.00	261.90	Build 10"/100'
10240.95	89.81	179.03	9756.00	-334.82	-1597.52	10.00	179.03	803.08	4453' Hold
14694.90	89.81	179.03	9771.00	-4788.10	-1522.20	0.00	0.00	5024.24	TD at 14694.90



Vertical Section at 197.64° (1500 usft/in)

Plan: Plan #1 (Rock Spur 27 W1CN State Com #1H/OH)

Created By: Dusty Moyer

Date: 12-11, May 21 2021



Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Rock Spur Pad

Rock Spur 27 W1CN State Com #1H

OH

Design: OH

Standard Survey Report

21 May, 2021





Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rock Spur 27 W1CN State Com #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Site:	Rock Spur Pad	MD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Well:	Rock Spur 27 W1CN State Com #1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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	Rock Spur Pad		
Site Position:		Northing:	434,897.50 usft
From:	Map	Easting:	622,442.60 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.195339
		Longitude:	-104.071137

Well	Rock Spur 27 W1CN State Com #1H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
Grid Convergence:	0.14 °		
		Latitude:	32.195339
		Longitude:	-104.071137
		Ground Level:	2,958.00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM2020	11/24/2020	6.92
			Dip Angle (°)
			59.88
			Field Strength (nT)
			47,731.20000000

Design	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°)
			197.64

Survey Program	Date 5/21/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
170.50	424.00	Surface (OH)	MWD
485.00	14,748.00	MWD Survey (OH)	MWD + HDGM
			Description
			OWSG MWD - Standard
			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	
170.50	0.20	89.71	170.50	0.00	0.30	-0.09	0.12	0.12	0.00	
201.70	0.60	113.71	201.70	-0.06	0.50	-0.09	1.36	1.28	76.92	
362.00	1.30	167.71	361.98	-2.18	1.66	1.57	0.66	0.44	33.69	
424.00	1.80	184.71	423.96	-3.84	1.73	3.13	1.09	0.81	27.42	
485.00	1.41	127.10	484.94	-5.24	2.25	4.32	2.60	-0.64	-94.44	
First AEP Survey										
579.00	0.62	239.34	578.93	-6.20	2.73	5.08	1.85	-0.84	119.40	
672.00	2.95	269.40	671.88	-6.48	-0.09	6.21	2.62	2.51	32.32	



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rock Spur 27 W1CN State Com #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Site:	Rock Spur Pad	MD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Well:	Rock Spur 27 W1CN State 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)
766.00	5.01	272.56	765.64	-6.32	-6.61	8.03	2.20	2.19	3.36
892.00	6.99	278.19	890.95	-4.99	-19.70	10.72	1.64	1.57	4.47
986.00	7.74	283.28	984.17	-2.72	-31.52	12.14	1.06	0.80	5.41
1,081.00	9.63	287.68	1,078.08	1.17	-45.32	12.62	2.11	1.99	4.63
1,175.00	12.62	292.60	1,170.31	7.50	-62.30	11.73	3.33	3.18	5.23
1,270.00	12.88	293.57	1,262.96	15.72	-81.58	9.73	0.35	0.27	1.02
1,365.00	12.18	294.01	1,355.70	24.04	-100.44	7.53	0.74	-0.74	0.46
1,460.00	12.31	287.50	1,448.54	31.16	-119.26	6.44	1.46	0.14	-6.85
1,555.00	12.26	285.48	1,541.37	36.90	-138.64	6.84	0.46	-0.05	-2.13
1,649.00	11.96	276.96	1,633.28	40.74	-157.92	9.02	1.93	-0.32	-9.06
1,744.00	11.87	273.88	1,726.24	42.59	-177.44	13.17	0.68	-0.09	-3.24
1,838.00	10.99	276.16	1,818.37	44.21	-196.00	17.25	1.05	-0.94	2.43
1,933.00	9.10	278.80	1,911.91	46.33	-212.42	20.20	2.05	-1.99	2.78
2,027.00	9.23	276.78	2,004.71	48.36	-227.26	22.77	0.37	0.14	-2.15
2,121.00	11.30	276.34	2,097.20	50.27	-243.90	25.99	2.20	2.20	-0.47
2,216.00	10.02	273.18	2,190.56	51.75	-261.40	29.88	1.48	-1.35	-3.33
2,311.00	10.42	273.62	2,284.06	52.75	-278.23	34.02	0.43	0.42	0.46
2,406.00	10.37	274.49	2,377.50	53.96	-295.32	38.05	0.17	-0.05	0.92
2,439.00	10.99	275.90	2,409.93	54.52	-301.41	39.36	2.04	1.88	4.27
2,508.00	10.95	277.66	2,477.66	56.07	-314.45	41.83	0.49	-0.06	2.55
2,603.00	11.65	277.66	2,570.82	58.55	-332.90	45.06	0.74	0.74	0.00
2,698.00	12.26	276.08	2,663.76	60.90	-352.44	48.74	0.73	0.64	-1.66
2,793.00	12.48	275.11	2,756.56	62.88	-372.69	52.99	0.32	0.23	-1.02
2,886.00	12.40	275.29	2,847.37	64.70	-392.64	57.30	0.10	-0.09	0.19
2,981.00	12.48	274.67	2,940.14	66.47	-413.03	61.79	0.16	0.08	-0.65
3,076.00	12.70	275.37	3,032.86	68.29	-433.66	66.31	0.28	0.23	0.74
3,171.00	13.14	274.23	3,125.45	70.06	-454.82	71.03	0.54	0.46	-1.20
3,266.00	13.27	274.06	3,217.94	71.63	-476.47	76.09	0.14	0.14	-0.18
3,361.00	13.32	274.67	3,310.39	73.29	-498.25	81.11	0.16	0.05	0.64
3,455.00	12.40	273.53	3,402.04	74.79	-519.12	86.00	1.02	-0.98	-1.21
3,550.00	12.09	273.35	3,494.87	76.00	-539.23	90.94	0.33	-0.33	-0.19
3,644.00	11.82	272.82	3,586.84	77.05	-558.67	95.83	0.31	-0.29	-0.56
3,739.00	11.82	272.82	3,679.82	78.01	-578.11	100.81	0.00	0.00	0.00
3,833.00	12.22	273.09	3,771.76	79.02	-597.66	105.77	0.43	0.43	0.29
3,927.00	12.00	272.21	3,863.67	79.93	-617.36	110.87	0.31	-0.23	-0.94
4,021.00	10.37	274.58	3,955.88	80.99	-635.55	115.38	1.80	-1.73	2.52
4,116.00	9.71	273.35	4,049.43	82.14	-652.08	119.28	0.73	-0.69	-1.29
4,210.00	10.73	282.14	4,141.94	84.44	-668.55	122.08	1.98	1.09	9.35
4,305.00	11.30	284.51	4,235.19	88.63	-686.20	123.43	0.77	0.60	2.49
4,400.00	11.52	284.43	4,328.31	93.33	-704.40	124.47	0.23	0.23	-0.08
4,494.00	11.52	284.78	4,420.42	98.06	-722.57	125.46	0.07	0.00	0.37
4,589.00	11.56	284.78	4,513.50	102.91	-740.94	126.41	0.04	0.04	0.00
4,684.00	11.47	284.34	4,606.58	107.68	-759.30	127.43	0.13	-0.09	-0.46



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rock Spur 27 W1CN State Com #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Site:	Rock Spur Pad	MD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Well:	Rock Spur 27 W1CN State 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)
4,779.00	11.30	283.28	4,699.72	112.15	-777.51	128.68	0.28	-0.18	-1.12
4,873.00	11.03	283.37	4,791.94	116.35	-795.22	130.05	0.29	-0.29	0.10
4,967.00	9.98	282.40	4,884.36	120.18	-811.92	131.46	1.13	-1.12	-1.03
5,061.00	10.95	285.48	4,976.80	124.31	-828.48	132.54	1.19	1.03	3.28
5,156.00	10.90	286.27	5,070.07	129.23	-845.80	133.09	0.17	-0.05	0.83
5,250.00	10.64	286.71	5,162.42	134.22	-862.64	133.44	0.29	-0.28	0.47
5,345.00	10.20	283.64	5,255.85	138.73	-879.22	134.17	0.75	-0.46	-3.23
5,439.00	11.69	282.05	5,348.14	142.68	-896.62	135.68	1.62	1.59	-1.69
5,534.00	11.56	282.05	5,441.19	146.67	-915.34	137.54	0.14	-0.14	0.00
5,628.00	10.29	279.77	5,533.49	150.06	-932.83	139.61	1.43	-1.35	-2.43
5,723.00	11.38	278.71	5,626.79	152.92	-950.45	142.22	1.17	1.15	-1.12
5,818.00	11.34	279.24	5,719.93	155.84	-968.94	145.04	0.12	-0.04	0.56
5,912.00	12.84	280.21	5,811.84	159.18	-988.34	147.74	1.61	1.60	1.03
6,006.00	12.04	281.44	5,903.63	162.97	-1,008.23	150.15	0.90	-0.85	1.31
6,100.00	12.88	278.63	5,995.42	166.49	-1,028.20	152.85	1.10	0.89	-2.99
6,194.00	11.38	276.52	6,087.32	169.12	-1,047.77	156.28	1.66	-1.60	-2.24
6,288.00	11.25	275.02	6,179.49	170.97	-1,066.12	160.07	0.34	-0.14	-1.60
6,383.00	10.90	278.10	6,272.72	173.05	-1,084.24	163.58	0.72	-0.37	3.24
6,478.00	10.64	279.77	6,366.05	175.80	-1,101.78	166.27	0.43	-0.27	1.76
6,572.00	13.05	280.82	6,458.04	179.27	-1,120.76	168.72	2.57	2.56	1.12
6,667.00	12.35	272.91	6,550.73	181.80	-1,141.44	172.57	1.97	-0.74	-8.33
6,762.00	9.27	268.08	6,644.03	182.06	-1,159.24	177.72	3.38	-3.24	-5.08
6,856.00	9.05	279.86	6,736.84	183.07	-1,174.09	181.25	2.01	-0.23	12.53
6,950.00	10.99	285.92	6,829.40	186.79	-1,189.99	182.52	2.35	2.06	6.45
7,044.00	11.47	273.88	6,921.62	189.88	-1,207.93	185.01	2.54	0.51	-12.81
7,138.00	13.71	272.91	7,013.35	191.08	-1,228.39	190.07	2.39	2.38	-1.03
7,233.00	13.01	270.10	7,105.78	191.67	-1,250.32	196.15	1.00	-0.74	-2.96
7,328.00	12.70	273.44	7,198.40	192.32	-1,271.44	201.93	0.85	-0.33	3.52
7,421.00	11.87	273.09	7,289.27	193.45	-1,291.20	206.84	0.90	-0.89	-0.38
7,515.00	11.16	273.26	7,381.38	194.48	-1,309.93	211.53	0.76	-0.76	0.18
7,610.00	10.86	280.21	7,474.63	196.59	-1,327.92	214.97	1.43	-0.32	7.32
7,703.00	13.23	288.03	7,565.59	201.44	-1,346.67	216.03	3.09	2.55	8.41
7,797.00	14.59	284.43	7,656.83	207.72	-1,368.36	216.62	1.71	1.45	-3.83
7,892.00	14.55	273.35	7,748.79	211.40	-1,391.87	220.23	2.93	-0.04	-11.66
7,987.00	11.96	275.81	7,841.25	213.09	-1,413.58	225.19	2.79	-2.73	2.59
8,081.00	11.43	277.31	7,933.30	215.27	-1,432.50	228.86	0.65	-0.56	1.60
8,176.00	10.68	275.73	8,026.54	217.34	-1,450.60	232.36	0.85	-0.79	-1.66
8,270.00	11.56	276.96	8,118.77	219.35	-1,468.62	235.90	0.97	0.94	1.31
8,364.00	10.02	278.63	8,211.11	221.72	-1,486.05	238.93	1.67	-1.64	1.78
8,458.00	10.15	277.83	8,303.66	224.08	-1,502.34	241.62	0.20	0.14	-0.85
8,552.00	10.51	278.01	8,396.13	226.40	-1,519.04	244.46	0.38	0.38	0.19
8,646.00	10.02	277.04	8,488.63	228.60	-1,535.64	247.40	0.55	-0.52	-1.03
8,741.00	9.01	279.15	8,582.32	230.79	-1,551.19	250.02	1.12	-1.06	2.22
8,836.00	9.10	277.83	8,676.14	233.00	-1,565.98	252.40	0.24	0.09	-1.39



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rock Spur 27 W1CN State Com #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Site:	Rock Spur Pad	MD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Well:	Rock Spur 27 W1CN State 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)
8,930.00	8.75	280.47	8,769.00	235.31	-1,580.37	254.56	0.57	-0.37	2.81
9,025.00	6.20	280.56	8,863.18	237.56	-1,592.52	256.09	2.68	-2.68	0.09
9,119.00	4.44	281.61	8,956.77	239.23	-1,601.08	257.10	1.88	-1.87	1.12
9,214.00	2.59	261.31	9,051.59	239.64	-1,606.80	258.43	2.32	-1.95	-21.37
9,274.00	2.07	248.13	9,111.55	239.03	-1,609.15	259.72	1.24	-0.87	-21.97
9,345.00	1.80	232.66	9,182.51	237.88	-1,611.22	261.45	0.82	-0.38	-21.79
9,391.00	4.04	187.83	9,228.45	235.84	-1,612.02	263.64	6.61	4.87	-97.46
9,438.00	7.43	171.31	9,275.21	231.19	-1,611.78	268.00	7.95	7.21	-35.15
9,485.00	12.09	173.24	9,321.52	223.29	-1,610.75	275.21	9.94	9.91	4.11
9,532.00	15.60	176.41	9,367.14	212.10	-1,609.77	285.59	7.64	7.47	6.74
9,579.00	20.00	176.58	9,411.88	197.76	-1,608.89	298.98	9.36	9.36	0.36
9,626.00	23.78	182.21	9,455.49	180.26	-1,608.78	315.63	9.19	8.04	11.98
9,721.00	33.23	178.78	9,538.89	134.99	-1,608.96	358.82	10.09	9.95	-3.61
9,768.00	38.77	177.99	9,576.89	107.39	-1,608.17	384.89	11.83	11.79	-1.68
9,816.00	43.43	178.17	9,613.06	75.86	-1,607.12	414.62	9.71	9.71	0.38
9,863.00	49.85	177.20	9,645.31	41.73	-1,605.72	446.72	13.74	13.66	-2.06
9,910.00	55.08	177.02	9,673.93	4.52	-1,603.84	481.61	11.13	11.13	-0.38
9,957.00	59.82	179.49	9,699.22	-35.06	-1,602.66	518.97	11.01	10.09	5.26
10,005.00	65.01	181.24	9,721.44	-77.58	-1,602.95	559.58	11.28	10.81	3.65
10,052.00	70.95	181.42	9,739.05	-121.12	-1,603.96	601.39	12.64	12.64	0.38
10,072.00	72.79	181.68	9,745.27	-140.12	-1,604.47	619.65	9.28	9.20	1.30
10,119.00	78.99	179.84	9,756.73	-185.68	-1,605.07	663.24	13.73	13.19	-3.91
10,166.00	86.29	176.58	9,762.75	-232.23	-1,603.60	707.16	16.99	15.53	-6.94
10,261.00	90.90	171.93	9,765.08	-326.67	-1,594.10	794.28	6.89	4.85	-4.89
10,355.00	89.36	165.16	9,764.86	-418.74	-1,575.44	876.37	7.39	-1.64	-7.20
10,449.00	88.57	171.66	9,766.56	-510.76	-1,556.57	958.35	6.96	-0.84	6.91
10,543.00	94.20	177.90	9,764.29	-604.26	-1,548.02	1,044.86	8.94	5.99	6.64
10,638.00	94.29	180.63	9,757.26	-698.98	-1,546.80	1,134.77	2.87	0.09	2.87
10,732.00	91.12	183.09	9,752.82	-792.81	-1,549.85	1,225.11	4.27	-3.37	2.62
10,826.00	89.36	183.97	9,752.43	-886.62	-1,555.64	1,316.27	2.09	-1.87	0.94
10,921.00	88.70	182.12	9,754.03	-981.47	-1,560.69	1,408.19	2.07	-0.69	-1.95
11,014.00	89.49	179.92	9,755.50	-1,074.44	-1,562.34	1,497.29	2.51	0.85	-2.37
11,107.00	88.40	179.66	9,757.22	-1,167.42	-1,562.00	1,585.79	1.20	-1.17	-0.28
11,201.00	88.22	179.57	9,759.99	-1,261.38	-1,561.37	1,675.14	0.21	-0.19	-0.10
11,296.00	88.97	177.02	9,762.32	-1,356.30	-1,558.54	1,764.75	2.80	0.79	-2.68
11,390.00	93.27	177.29	9,760.48	-1,450.14	-1,553.88	1,852.77	4.58	4.57	0.29
11,485.00	92.57	180.36	9,755.64	-1,544.99	-1,551.94	1,942.57	3.31	-0.74	3.23
11,579.00	87.34	180.80	9,755.71	-1,638.95	-1,552.89	2,032.40	5.58	-5.56	0.47
11,673.00	86.86	180.19	9,760.47	-1,732.83	-1,553.70	2,122.11	0.83	-0.51	-0.65
11,768.00	88.66	182.56	9,764.18	-1,827.72	-1,555.98	2,213.23	3.13	1.89	2.49
11,861.00	89.14	182.56	9,765.97	-1,920.61	-1,560.13	2,303.01	0.52	0.52	0.00
11,956.00	89.71	183.09	9,766.92	-2,015.48	-1,564.81	2,394.85	0.82	0.60	0.56
12,050.00	90.24	185.02	9,766.96	-2,109.24	-1,571.46	2,486.22	2.13	0.56	2.05



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Rock Spur 27 W1CN State Com #1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Site:	Rock Spur Pad	MD Reference:	KB=28' @ 2986.00usft (Patterson 558)
Well:	Rock Spur 27 W1CN State 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)
12,144.00	90.42	181.68	9,766.42	-2,203.07	-1,576.95	2,577.29	3.56	0.19	-3.55
12,238.00	86.07	175.44	9,769.30	-2,296.93	-1,574.60	2,666.03	8.09	-4.63	-6.64
12,332.00	88.57	176.85	9,773.70	-2,390.60	-1,568.29	2,753.39	3.05	2.66	1.50
12,425.00	89.54	179.49	9,775.23	-2,483.53	-1,565.32	2,841.05	3.02	1.04	2.84
12,519.00	88.31	178.34	9,776.99	-2,577.49	-1,563.54	2,930.06	1.79	-1.31	-1.22
12,613.00	90.64	179.48	9,777.86	-2,671.47	-1,561.75	3,019.07	2.76	2.48	1.21
12,708.00	91.03	178.52	9,776.47	-2,766.44	-1,560.09	3,109.08	1.09	0.41	-1.01
12,802.00	90.51	175.79	9,775.21	-2,860.31	-1,555.43	3,197.12	2.96	-0.55	-2.90
12,895.00	88.35	173.33	9,776.13	-2,952.87	-1,546.61	3,282.66	3.52	-2.32	-2.65
12,989.00	88.22	175.88	9,778.95	-3,046.40	-1,537.78	3,369.13	2.72	-0.14	2.71
13,083.00	90.42	178.52	9,780.06	-3,140.27	-1,533.19	3,457.19	3.66	2.34	2.81
13,176.00	90.95	179.66	9,778.95	-3,233.25	-1,531.71	3,545.35	1.35	0.57	1.23
13,270.00	88.88	170.52	9,779.09	-3,326.80	-1,523.68	3,632.07	9.97	-2.20	-9.72
13,363.00	91.82	172.72	9,778.52	-3,418.79	-1,510.12	3,715.63	3.95	3.16	2.37
13,457.00	91.43	176.67	9,775.86	-3,512.33	-1,501.44	3,802.14	4.22	-0.41	4.20
13,552.00	93.80	181.77	9,771.52	-3,607.19	-1,500.14	3,892.15	5.91	2.49	5.37
13,645.00	94.64	181.24	9,764.68	-3,699.90	-1,502.58	3,981.24	1.07	0.90	-0.57
13,740.00	92.63	181.95	9,758.65	-3,794.67	-1,505.22	4,072.36	2.24	-2.12	0.75
13,834.00	90.81	184.06	9,755.83	-3,888.49	-1,510.14	4,163.26	2.96	-1.94	2.24
13,928.00	91.65	183.44	9,753.81	-3,982.26	-1,516.29	4,254.49	1.11	0.89	-0.66
14,022.00	86.55	184.67	9,755.29	-4,075.98	-1,522.93	4,345.82	5.58	-5.43	1.31
14,115.00	85.41	184.23	9,761.81	-4,168.47	-1,530.13	4,436.14	1.31	-1.23	-0.47
14,209.00	87.03	183.00	9,768.01	-4,262.08	-1,536.05	4,527.14	2.16	1.72	-1.31
14,303.00	88.70	181.33	9,771.51	-4,355.94	-1,539.59	4,617.66	2.51	1.78	-1.78
14,397.00	87.91	181.42	9,774.29	-4,449.87	-1,541.85	4,707.86	0.85	-0.84	0.10
14,491.00	90.46	179.92	9,775.63	-4,543.84	-1,542.95	4,797.75	3.15	2.71	-1.60
14,585.00	85.93	176.76	9,778.59	-4,637.72	-1,540.23	4,886.39	5.87	-4.82	-3.36
14,680.00	87.30	174.48	9,784.20	-4,732.27	-1,532.99	4,974.30	2.80	1.44	-2.40
14,702.00	86.64	174.74	9,785.36	-4,754.14	-1,530.92	4,994.52	3.22	-3.00	1.18
Last Survey									
14,748.00	86.64	174.74	9,788.05	-4,799.87	-1,526.71	5,036.82	0.00	0.00	0.00
PTB @ 14748'									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
485.00	484.94	-5.24	2.25	First AEP Survey
14,702.00	9,785.36	-4,754.14	-1,530.92	Last Survey
14,748.00	9,788.05	-4,799.87	-1,526.71	PTB @ 14748'

Checked By: _____ Approved By: _____ Date: _____



ALTITUDE ENERGY PARTNERS LLC. SURVEY DATA CERTIFICATION

ALTITUDE JOB NUMBER	AEP-20190	OPERATOR	Mewbourne oil company
WELL NAME	Rock Spur 27 W1CN 001H	COUNTY & STATE	Eddy Co, Texas
API WELL NUMBER	30-015-47059	PROPOSED DIRECTION	179.03
Latitude	32.195339	Longitude	-104.071137

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
424	423.96	1.8	184.71	-3.84	1.73	Company Rep
FIRST	FIRST				SURVEY INSTRUMENT	
SURVEY	SURVEY				TYPE	
DATE	DEPTH	INCLIN	AZIMUTH		MWD	
12-20-20	485	1.41	127.1	MAGNETIC DECLINATION OR TOTAL GRID		
LAST	LAST			TOTAL CORRECTION USED		6.78
SURVEY	SURVEY			DECLINATION OR GRID		6.92
DATE	DEPTH	INCLIN	AZIMUTH			
1-5-21	14702	86.64	174.74			
PROJECTED	PROJECTED					
TD SURVEY	TD SURVEY					
DATE	DEPTH	INCLIN	AZIMUTH			
1-5-21	14748	86.64	174.74			
The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Altitude Energy Partners LLC. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using Minimum curvature or other method.						

Drew Lundine

PRINT MWD NAME ABOVE

Drew Lundine

SIGN MWD NAME ABOVE

01-06-21

TODAY'S DATE

Drew Lundine

PRINT MWD NAME ABOVE

Drew Lundine

SIGN MWD NAME ABOVE

01-06-21

TODAY'S DATE

7197 Derrick Dr.

Casper, WY 82604

307-237-2372

Intent ☐ As Drilled ☒API #
30-015-47059Operator Name:
Mewbourne Oil Co.Property Name:
Rock Spur 27 W1CN State ComWell Number
1H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	27	24S	28E		8	N	2396	W	Eddy
Latitude					Longitude			NAD	
32.1960034					-104.0763437			83	

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	27	24S	28E		387	N	2396	W	Eddy
Latitude					Longitude			NAD	
32.1949615					-104.0763250			83	

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	27	24S	28E		337	S	2393	W	Eddy
Latitude					Longitude			NAD	
32.1822064					-104.0761152			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 #

Operator Name:

Property Name:

Well Number

KZ 06/29/2018

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

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

Form C-103
Revised July 18, 2013

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.)		WELL API NO. 30-015-47059
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Mewbourne Oil Company		6. State Oil & Gas Lease No.
3. Address of Operator PO Box 5270, Hobbs NM 88241		7. Lease Name or Unit Agreement Name Rock Spur 27 W1CN St Com
4. Well Location Unit Letter <u>B</u> : <u>250</u> feet from the <u>North</u> line and <u>1360</u> feet from the <u>East</u> line Section <u>27</u> Township <u>24S</u> Range <u>28E</u> NMPM Eddy County		8. Well Number <u>1H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2945' GL		9. OGRID Number <u>14744</u>
		10. Pool name or Wildcat Purple Sage; Wolfcamp

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.

04/13/2021 Frac Horizontal Wolfcamp from 10073' MD to 14692' MD w/11,368,560 gals SW, carrying 13,851,890# local 100 mesh sand. Flowback well for cleanup.

04/22/2021 Drill out frac plugs to PBTD @ 14707'

04/27/2021 RIH w/2 7/8" 6.5# L80 tbg & GLVs to 9274'

04/30/2021 Put well on production.

Formation Top Bottom Descriptions, Contents, etc.

Name Top Wolfcamp 9420' - 14748' WATER, OIL & GAS

Castile 1250', Base of salt 2375', Delaware Lamar 2560', Bell Canyon 2590', Cherry Canyon 3450', Manzanita Marker 3585', Brushy Canyon 4710', Bone Spring 6285', 1st Bone Spring 7120', 2nd Bone Spring 7460', 3rd Bone Spring 9035', Wolfcamp 9420'.

Spud Date: 12/16/2020

Rig Release Date: 01/07/2021

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 06/01/2021

Type or print name Jackie Lathan E-mail address: jathan@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 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
1. WELL API NO. 30-015-47059							2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN			
3. State Oil & Gas Lease No.							5. Lease Name or Unit Agreement Name Rock Spur 27 W1CN State Com			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							6. Well Number: 1H			
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)							7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER			
8. Name of Operator Mewbourne Oil Company				9. OGRID 14744						
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:	B	27	24S	28E		250	North	1360	East	Eddy
BH:	N	27	24S	28E		318	South	2394	West	Eddy
13. Date Spudded 12/16/2020	14. Date T.D. Reached 01/05/2021	15. Date Rig Released 01/07/2021		16. Date Completed (Ready to Produce) 04/30/2021		17. Elevations (DF and RKB, RT, GR, etc.) 2945 GL				
18. Total Measured Depth of Well 14748'		19. Plug Back Measured Depth 14707		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR				
22. Producing Interval(s), of this completion - Top, Bottom, Name 10073' MD - 14692' 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		459'		17 1/2"		677		0
9 5/8"		40#		2465		12 1/4"		625		0
7"		29#		9586'		8 3/4"		850		0
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD				
4 1/2"	9295'	14748	450			SIZE	DEPTH SET	PACKER SET		
						2 7/8"	9274'	9258'		
26. Perforation record (interval, size, and number) 10073' - 14692' (38 stages, 0.39" EHD, 1368 holes)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 10073' - 14692' 11,368,560 gals SW carrying 13,851,890# Local 100 Mesh sand.				
28. PRODUCTION										
Date First Production 04/30/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Gas Lift				Well Status (Prod. or Shut-in) Producing				
Date of Test 05/05/2021	Hours Tested 24 hrs	Choke Size 64/64"	Prod'n For Test Period	Oil - Bbl 806	Gas - MCF 2160	Water - Bbl. 3496	Gas - Oil Ratio 2680			
Flow Tubing Press. 700	Casing Pressure 295	Calculated 24- Hour Rate	Oil - Bbl. 806	Gas - MCF 2160	Water - Bbl. 3496	Oil Gravity - API - (Corr.) NA				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Robin Terrell			
31. List Attachments C104, Deviation Survey, 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: 01/07/2021			
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		06/01/2021	
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 2590'	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2375	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. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware 2560	T. Morrison	
T. Drinkard	T. Bone Springs 6285	T. Todilto	
T. Abo	T. Cherry Canyon 3450	T. Entrada	
T. Wolfcamp 9420	T. Manzanita Marker 3585	T. Wingate	
T. Penn	T. Castile 1250	T. Chinle	
T. Cisco (Bough C)	T. Brushy Canyon 4710	T. Permian	

OIL OR GAS SANDS OR ZONES

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

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

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

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

IMPORTANT WATER SANDS

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)

LITHOLOGY RECORD				WATER RECORD		
From	To	Thickness In Feet		Lithology		

Mewbourne Oil Company

Well Name: Rock Spur 27 W1CN State Com #1H

Updated by: Andy Taylor

Spud Date: 12/16/2020

Date Updated: 5/26/2021

Surface

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

Set @ 459'

Cmt w/ 677 sx

Circ. 250 sx to plt

Intermediate

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

Set @ 2465'

Cmt w/ 625 sx

Circ. 60 sx to plt

Production

8 3/4" x 7" 28# HCP110

Set @ 9586'

Cmt w/ 850 sx

Circ. 30 sx to plt

TBG Detail:

1	2 7/8" 6.5# L80 pup jt	6.52'
1	2 7/8" x 7" AS 1X Pkr	9.25'
1	2 7/8" 6.5# L80 IPC tbg	32.63'
1	2 7/8" L80 IPC GLV #1	4.10'
1	2 7/8" SN & Collar	1.10'
19	2 7/8" 6.5# L80 IPC tbg	621.19'
1	2 7/8" L80 IPC GLV #2	4.10'
20	2 7/8" 6.5# L80 IPC tbg	652.87'
1	2 7/8" L80 IPC GLV #3	4.10'
20	2 7/8" 6.5# L80 IPC tbg	650.53'
1	2 7/8" L80 IPC GLV #4	4.10'
20	2 7/8" 6.5# L80 IPC tbg	653.92'
1	2 7/8" L80 IPC GLV #5	4.10'
20	2 7/8" 6.5# L80 IPC tbg	654.01'
1	2 7/8" L80 IPC GLV #6	4.10'
20	2 7/8" 6.5# L80 IPC tbg	653.97'
1	2 7/8" L80 IPC GLV #7	4.10'
20	2 7/8" 6.5# L80 IPC tbg	654.28'
1	2 7/8" L80 IPC GLV #8	4.10'
20	2 7/8" 6.5# L80 IPC tbg	654.39'
1	2 7/8" L80 IPC GLV #9	4.10'
20	2 7/8" 6.5# L80 IPC tbg	654.94'
1	2 7/8" L80 IPC GLV #10	4.10'
38	2 7/8" 6.5# L80 IPC tbg	1242.87'
1	2 7/8" L80 IPC GLV #11	4.10'
62	2 7/8" 6.5# L80 IPC tbg	2019.88'
1	2 7/8" 6.5# L80 IPC sub	8.00'
1	2 7/8" 6.5# L80 IPC tbg	30.00'
Total tbg		9245.45'
KB Correction		28.50'
Tbg set @		9273.95'

Liner

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

Set @ 9295'-14,748'

TOC @ 9295'

KOP @ 9345'

Dev @ KOP: 1.80°

TVD @ 9788

TD 6 1/8" hole @ 14,748'

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 30261

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 30261
	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
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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 30261

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 30261
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	7/29/2021