

Released to Imaging: 6/24/2022 9:21:27 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

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 / 06/23/2017
⁴ API Number 30 - 015-43168	⁵ Pool Name Avalon; Lower Bone Spring	⁶ Pool Code 3714
⁷ Property Code 314887	⁸ Property Name Roscoe 6 B3AD 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
8	6	21S	27E		1270	North	265'	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
4	6	21S	27E		398	North	332'	West	Eddy
¹² Lse Code F	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 06/23/17	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
248440	Western Refining Company, LLC 212 North Clark Street El Paso, TX 79905	O
151618	Enterprise Field Service PO Box 4503 Houston, TX 77210	G

IV. Well Completion Data

²¹ Spud Date 02/23/2017	²² Ready Date 06/23/17	²³ TD 13315'	²⁴ PBSD 13315'	²⁵ Perforations 8761' - 13275'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20"	455'	900		
17 ½"	13 ¾"	814'	600		
12 ¼"	9 ⅝"	2538'	650		
8 ¾"	7"	8751'	925		
6 ⅛"	4 ½"	7955' - 13275'	300		
	2 ⅞"	7921'			

V. Well Test Data⁴¹

³¹ Date New Oil 06/23/17	³² Gas Delivery Date 06/23/17	³³ Test Date 06/28/17	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 300	³⁶ Csg. Pressure 1200
³⁷ Choke Size NA	³⁸ Oil 231	³⁹ Water 3426	⁴⁰ Gas 527		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 Approved by: PATRICIA MARTINEZ
Printed name: Jackie Lathan	Title: PETROLEUM SPECIALIST
Title: Regulatory	Approval Date: 6/24/2022
E-mail Address: jlathan@mewbourne.com	
Date: 06/20/2022	Phone: 575-393-5905

Received by OCD: 6/20/2022 2:27:54 PM

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 30-015-43168		2 Pool Code 3714		3 Pool Name Avalon; Lower Bone Spring	
4 Property Code 314887		5 Property Name ROSCOE 6 B3AD FED COM			
7 OGRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY			
				6 Well Number 1H	
				9 Elevation 3228'	
10 Surface Location					
UL or lot no. 8	Section 6	Township 21S	Range 27E	Lot Idn	Feet from the 1270
				North/South line NORTH	Feet From the 265
				East/West line EAST	County EDDY
11 Bottom Hole Location If Different From Surface					
UL or lot no. 4	Section 6	Township 21S	Range 27E	Lot Idn	Feet from the 398'
				North/South line NORTH	Feet from the 332'
				East/West line WEST	County EDDY
12 Dedicated Acres 119.20		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. Signature <u>Jackie Lathan</u> Date <u>6/29/17</u> Printed Name <u>Jackie Lathan</u> 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. 10-10-2014 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number		

RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS140456



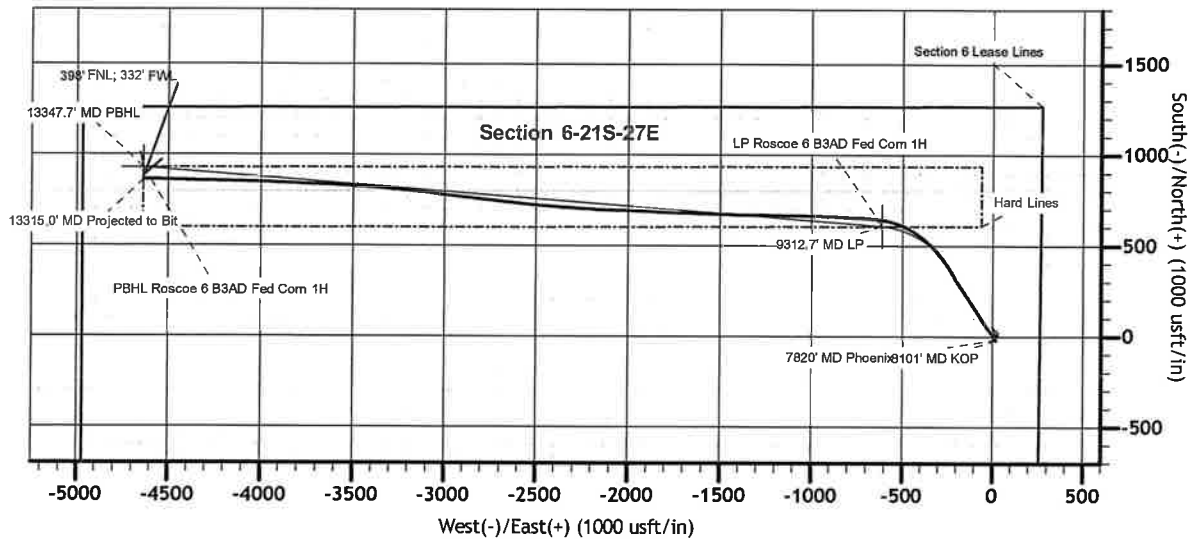
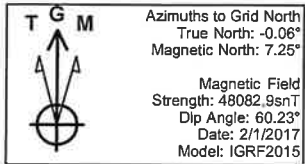
COMPANY: Mewbourne Oil Company
 WELL: Roscoe 6 B3AD Fed Com 1H
 COUNTY: Eddy County, New Mexico
 DATUM: NAD 1927 (NADCON CONUS)
 RIG: Patterson Patterson 242



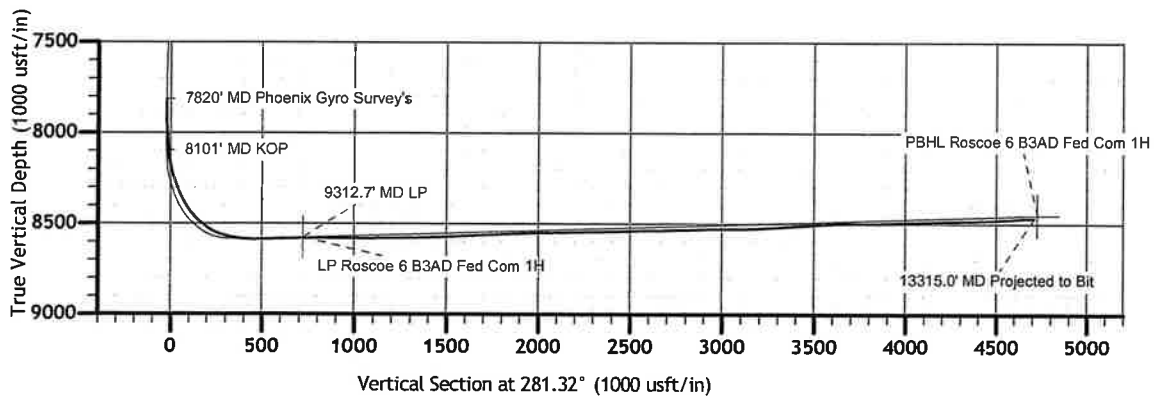
GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.26°

OFFICE: 936.582.7296

GEODETTIC ZONE: New Mexico East 3001 3228 + 27 @ 3255.0usft (Patterson 242) GROUND ELEVATION: 3228.0										
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot				
0.0	0.0	552539.40	534698.60	32° 31' 8.364 N	104° 13' 14.742 W					
PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	7820.0	2.57	175.95	7815.4	-15.5	21.1	0.00	0.00	-23.7	
2	7948.5	0.00	0.00	7943.8	-18.3	21.3	2.00	180.00	-24.5	
3	8101.0	0.00	0.00	8096.3	-18.3	21.3	0.00	0.00	-24.5	
4	8867.8	90.00	326.75	8584.4	389.9	-246.4	11.74	326.75	318.1	
5	9312.7	91.78	274.54	8577.0	608.9	-616.0	11.74	-87.76	723.5	LP Roscoe 6 B3AD Fed Com 1H
6	13347.7	91.78	274.54	8452.0	928.1	-4636.4	0.00	0.00	4728.4	PBHL Roscoe 6 B3AD Fed Com 1H



SHL 1270' FNL; 265' FEL
 Section 6-21S-27E
 PBHL 330' FNL; 330' FWL
 Section 6-21S-27E





Mewbourne Oil Company

Eddy County, New Mexico

Section 6-21S-27E Roscoe 6 B3AD Fed Com 1H

Roscoe 6 B3AD Fed Com 1H

Original Hole

Design: Original Hole

Standard Survey Report

21 March, 2017





Microsoft Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Roscoe 6 B3AD Fed Com 1H
Project:	Eddy County, New Mexico	TVD Reference:	3228 + 27 @ 3255.0usft (Patterson 242)
Site:	Section 6-21S-27E Roscoe 6 B3AD Fed Com 1H	MD Reference:	3228 + 27 @ 3255.0usft (Patterson 242)
Well:	Roscoe 6 B3AD Fed Com 1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
900.0	1.31	22.91	899.8	11.9	10.7	1.6	0.28	-0.25	4.89
1,000.0	1.51	22.06	999.8	14.2	11.6	1.0	0.20	0.20	-0.85
1,100.0	1.52	14.68	1,099.8	16.7	12.4	0.2	0.20	0.01	-7.38
1,200.0	1.49	20.03	1,199.7	19.2	13.2	-0.7	0.14	-0.03	5.35
1,300.0	1.49	26.52	1,299.7	21.6	14.2	-1.3	0.17	0.00	6.49
1,400.0	0.84	61.95	1,399.7	23.1	15.5	-1.2	0.94	-0.65	35.43
1,500.0	1.08	144.24	1,499.7	22.7	16.7	0.0	1.28	0.24	82.29
1,600.0	1.13	138.30	1,599.6	21.2	17.9	1.9	0.12	0.05	-5.94
1,700.0	1.38	133.08	1,699.6	19.6	19.4	4.1	0.27	0.25	-5.22
1,800.0	1.19	128.62	1,799.6	18.1	21.1	6.3	0.21	-0.19	-4.46
1,900.0	1.13	139.02	1,899.6	16.7	22.6	8.3	0.22	-0.06	10.40
2,000.0	1.25	147.87	1,999.6	15.1	23.8	10.3	0.22	0.12	8.85
2,100.0	1.46	150.54	2,099.5	13.0	25.0	12.4	0.22	0.21	2.67
2,200.0	1.32	152.56	2,199.5	10.9	26.2	14.6	0.15	-0.14	2.02
2,300.0	1.07	158.77	2,299.5	9.0	27.0	16.5	0.28	-0.25	6.21
2,400.0	0.97	158.44	2,399.5	7.3	27.7	18.0	0.10	-0.10	-0.33
2,500.0	1.01	176.56	2,499.4	5.7	28.0	19.2	0.31	0.04	18.12
2,600.0	0.90	165.83	2,599.4	4.0	28.3	20.4	0.21	-0.11	-10.73
2,700.0	1.04	162.30	2,699.4	2.4	28.8	21.8	0.15	0.14	-3.53
2,8									



Microsoft Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Roscoe 6 B3AD Fed Com 1H
Project:	Eddy County, New Mexico	TVD Reference:	3228 + 27 @ 3255.0usft (Patterson 242)
Site:	Section 6-21S-27E Roscoe 6 B3AD Fed Com 1H	MD Reference:	3228 + 27 @ 3255.0usft (Patterson 242)
Well:	Roscoe 6 B3AD Fed Com 1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
5,100.0	1.24	306.45	5,099.0	29.4	28.9	5.9	0.19	0.12	-7.43
5,200.0	1.71	299.99	5,199.0	30.8	26.7	3.3	0.50	0.47	-6.46
5,300.0	2.59	300.53	5,298.9	32.7	23.5	-0.4	0.88	0.88	0.54
5,400.0	2.43	293.01	5,398.8	34.7	19.6	-4.7	0.37	-0.16	-7.52
5,500.0	2.17	303.92	5,498.8	36.6	16.1	-8.7	0.51	-0.26	10.91
5,600.0	2.22	306.24	5,598.7	38.8	12.9	-12.5	0.10	0.05	2.32
5,700.0	2.54	313.58	5,698.6	41.4	9.8	-16.6	0.44	0.32	7.34
5,800.0	2.50	316.59	5,798.5	44.5	6.7	-21.0	0.14	-0.04	3.01
5,900.0	2.41	318.57	5,898.4	47.7	3.8	-25.2	0.12	-0.09	1.98
6,000.0	2.39	322.85	5,998.3	50.9	1.1	-29.2	0.18	-0.02	4.28
6,100.0	1.91	334.27	6,098.3	54.1	-0.9	-32.7	0.64	-0.48	11.42
6,200.0	0.89	358.47	6,198.2	56.4	-1.6	-34.6	1.16	-1.02	24.20
6,300.0	1.09	112.70	6,298.2	56.8	-0.7	-34.2	1.67	0.20	114.23
6,400.0	0.89	97.99	6,398.2	56.3	0.9	-32.6	0.32	-0.20	-14.71
6,500.0	1.15	129.04	6,498.2	55.6	2.5	-30.9	0.60	0.26	31.05
6,600.0	1.70	112.59	6,598.2	54.4	4.6	-28.5	0.68	0.55	-16.45
6,700.0	1.47	151.33	6,698.1	52.7	6.6	-25.9	1.07	-0.23	38.74
6,800.0	1.61	174.93	6,798.1	50.2	7.3	-23.8	0.64	0.14	23.60
6,900.0	1.66</								



Microsoft Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Roscoe 6 B3AD Fed Com 1H
Project:	Eddy County, New Mexico	TVD Reference:	3228 + 27 @ 3255.0usft (Patterson 242)
Site:	Section 6-21S-27E Roscoe 6 B3AD Fed Com 1H	MD Reference:	3228 + 27 @ 3255.0usft (Patterson 242)
Well:	Roscoe 6 B3AD Fed Com 1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
8,389.0	36.20	327.30	8,359.4	81.4	-49.6	-88.2	10.15	9.69	5.31
8,420.0	39.60	328.60	8,383.8	97.5	-59.7	-105.8	11.27	10.97	4.19
8,451.0	43.50	328.20	8,407.0	115.0	-70.5	-124.9	12.61	12.58	-1.29
8,482.0	47.00	326.70	8,428.9	133.6	-82.4	-145.4	11.80	11.29	-4.84
8,513.0	51.10	325.80	8,449.2	153.0	-95.4	-167.4	13.41	13.23	-2.90
8,544.0	53.80	325.70	8,468.1	173.3	-109.2	-190.6	8.71	8.71	-0.32
8,576.0	56.30	326.30	8,486.4	195.1	-123.9	-215.3	7.96	7.81	1.88
8,607.0	59.20	326.10	8,502.9	216.9	-138.4	-239.9	9.37	9.35	-0.65
8,638.0	61.90	326.50	8,518.2	239.3	-153.4	-265.3	8.78	8.71	1.29
8,669.0	66.60	326.00	8,531.6	262.5	-168.9	-291.5	15.23	15.16	-1.61
8,700.0	69.60	325.90	8,543.2	286.3	-185.0	-318.6	9.68	9.68	-0.32
8,725.0	72.80	326.60	8,551.2	306.0	-198.2	-340.8	13.07	12.80	2.80
8,753.0	74.80	331.80	8,559.1	329.1	-211.9	-365.6	19.21	7.14	18.57
8,785.0	77.00	327.90	8,566.9	355.9	-227.5	-394.0	13.67	6.88	-12.19
8,816.0	80.00	326.70	8,573.0	381.5	-243.9	-			



Microsoft Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Roscoe 6 B3AD Fed Com 1H
Project:	Eddy County, New Mexico	TVD Reference:	3228 + 27 @ 3255.0usft (Patterson 242)
Site:	Section 6-21S-27E Roscoe 6 B3AD Fed Com 1H	MD Reference:	3228 + 27 @ 3255.0usft (Patterson 242)
Well:	Roscoe 6 B3AD Fed Com 1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
10,282.0	91.60	271.80	8,561.1	677.3	-1,610.2	-1,698.8	2.13	-2.13	0.00
10,375.0	92.30	272.60	8,557.9	680.8	-1,703.0	-1,775.8	1.14	0.75	0.86
10,469.0	92.20	272.40	8,554.2	684.9	-1,796.9	-1,853.8	0.24	-0.11	-0.21
10,562.0	92.50	272.60	8,550.4	689.0	-1,889.7	-1,931.1	0.39	0.32	0.22
10,656.0	91.70	272.30	8,547.0	693.0	-1,983.6	-2,009.1	0.91	-0.85	-0.32
10,750.0	90.10	272.30	8,545.5	696.8	-2,077.5	-2,087.0	1.70	-1.70	0.00
10,843.0	90.10	272.40	8,545.3	700.6	-2,170.4	-2,164.2	0.11	0.00	0.11
10,937.0	91.60	273.30	8,544.0	705.3	-2,264.3	-2,242.6	1.86	1.60	0.96
11,030.0	92.10	274.70	8,541.0	711.7	-2,357.0	-2,321.2	1.60	0.54	1.51
11,124.0	90.30	274.50	8,539.0	719.3	-2,450.7	-2,401.2	1.93	-1.91	-0.21
11,217.0	92.30	276.20	8,536.9	727.9	-2,543.2	-2,481.0	2.82	2.15	1.83
11,310.0	91.60	276.10	8,533.7	737.9	-2,635.6	-2,561.3	0.76	-0.75	-0.11
11,403.0	90.90	276.50	8,531.7	748.1	-2,728.1	-2,641.9	0.87	-0.75	0.43
11,497.0	91.80	276.80	8,529.5	759.0	-2,821.4	-2,723.6	1.01	0.96	0.32
11,591.0	89.20	276.60	8,528.6	770.0	-2,914.7	-2,805.3	2.77	-2.77	-0.21
11,684.0	90.10	276.70	8,529.2	780.7	-3,007.1				



Microsoft Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Roscoe 6 B3AD Fed Com 1H
Project:	Eddy County, New Mexico	TVD Reference:	3228 + 27 @ 3255.0usft (Patterson 242)
Site:	Section 6-21S-27E Roscoe 6 B3AD Fed Com 1H	MD Reference:	3228 + 27 @ 3255.0usft (Patterson 242)
Well:	Roscoe 6 B3AD Fed Com 1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
7,820.0	7,815.4	-15.5	21.1	7820' MD Phoenix Gyro Surveys
13,315.0	8,467.5	863.8	-4,633.5	13315.0' MD Projected to Bit



April 12, 2017

New Mexico Energy, Minerals and Natural Resources Department
Attn: Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Attn: Jackie Lathan

Re: Mewbourne Oil Company
Roscoe 6 B3AD Federal Com #001H
Avalon; Bone Spring (Gas)
Eddy County, New Mexico
API# 30-015-43168

Enclosed please find the original and one (1) copy of the survey performed on the reference well by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C. Other information required by your office is as follows:

<u>Name & Title</u>	<u>Drainhole No.</u>	<u>Survey Depths</u>	<u>Dates Performed</u>	<u>Type Survey</u>
David Calabrese	Original Hole	7,889ft. to 13,248ft.	03-03-17 to 03-21-17	MWD Survey

A certified plat on which the bottom-hole location is oriented to both surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.



Todd Estes

Enclosures

CC:

Mewbourne Oil Company
Attn: Frosty Lathan
P.O. Box 5720
Hobbs, NM 88241

Mewbourne Oil Company
Attn: Robin Terrell
P.O. Box 5720
Hobbs, NM 88241

NMEMaNRD\Mewbourne Oil Company\Roscoe 6 B3AD Federal Com #1H\M171013

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.
P.O. Box 1250
Montgomery, TX 77356
Office (936) 582-7296 * Fax (936)-588-4163



April 12, 2017

Survey Certification Report

STATE OF TEXAS

COUNTY OF Montgomery

I, Todd Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of March 03, 2017, through March 21, 2017 conduct or supervise the taking of a SEDS Original Hole MWD Survey from a depth of 7,889 feet to a depth of 13,248 feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of Mewbourne Oil Company, for the Roscoe 6 B3AD Federal Com #001H well, API # **30-015-43168** in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles as set forth by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

A handwritten signature in cursive script, appearing to read "Todd Estes", written over a horizontal line.

Todd Estes

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

P.O. Box 1250

Montgomery, TX 77356

Office (936) 582-7296 * Fax (936)-588-4163



Microsoft MWD Surveys



Company: Mewbourne Oil Company
Project: Eddy County, New Mexico
Site: Section 6-21S-27E Roscoe 6 B3AD Fed Com 1H
Well: Roscoe 6 B3AD Fed Com 1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Roscoe 6 B3AD Fed Com 1H
TVD Reference: 3228 + 27 @ 3255.0usft (Patterson 242)
MD Reference: 3228 + 27 @ 3255.0usft (Patterson 242)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Stryker_EDM

Project	Eddy County, New Mexico		
Map System:	US State Plane 1927 (Exact solution)		System Datum: Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Section 6-21S-27E Roscoe 6 B3AD Fed Com 1H		
Site Position:		Northing: 552,539.40 usft	Latitude: 32° 31' 8.364 N
From: Map		Easting: 534,698.60 usft	Longitude: 104° 13' 14.742 W
Position Uncertainty: 0.0 usft		Slot Radius: 13-3/16 "	Grid Convergence: 0.06 °

Well	Roscoe 6 B3AD Fed Com 1H		
Well Position	+N/-S 0.0 usft	Northing: 552,539.40 usft	Latitude: 32° 31' 8.364 N
	+E/-W 0.0 usft	Easting: 534,698.60 usft	Longitude: 104° 13' 14.742 W
Position Uncertainty 0.0 usft		Wellhead Elevation: 27.0 usft	Ground Level: 3,228.0 usft

Wellbore	Original Hole					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)	
	IGRF2015	2/1/2017	7.32	60.23	48,082.93157257	

Design	Original Hole				
Audit Notes:					
Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.0			
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	126.28	



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Survey Program Date 3/21/2017

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	7,820.0	Phoenix Tech Survey (Original Hole)	GyroFlex	
7,889.0	13,315.0	MWD Survey (Original Hole)	MWD	MWD v3:standard declination

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
7,820.0	2.57	175.95	7,815.4	-15.5	21.1	26.1	126.28	Tie-In
7,889.0	2.80	187.30	7,884.3	-18.6	20.7	27.8	132.00	
7,952.0	4.60	327.50	7,947.2	-18.0	18.9	26.0	133.59	
8,015.0	4.80	329.40	8,010.0	-13.6	16.2	21.1	129.99	
8,077.0	4.80	334.60	8,071.8	-9.0	13.7	16.4	123.19	
8,108.0	7.50	336.60	8,102.6	-6.0	12.4	13.7	115.70	
8,139.0	11.40	332.90	8,133.2	-1.4	10.2	10.3	97.66	
8,170.0	15.40	327.40	8,163.3	4.8	6.6	8.1	53.64	
8,202.0	18.70	323.50	8,193.9	12.5	1.2	12.6	5.55	
8,233.0	21.50	320.80	8,223.0	20.9	-5.3	21.6	345.71	
8,264.0	24.60	321.40	8,251.6	30.4	-12.9	33.0	336.92	
8,295.0	27.50	322.20	8,279.4	41.1	-21.4	46.3	332.53	
8,326.0	29.80	324.00	8,306.6	53.0	-30.3	61.0	330.25	
8,357.0	33.10	325.60	8,333.1	66.2	-39.6	77.1	329.11	
8,389.0	36.20	327.30	8,359.4	81.4	-49.6	95.3	328.61	
8,420.0								



Microsoft
MWD Surveys



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Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
8,607.0	59.20	326.10	8,502.9	216.9	-138.4	257.3	327.45
8,638.0	61.90	326.50	8,518.2	239.3	-153.4	284.3	327.34
8,669.0	66.60	326.00	8,531.6	282.5	-168.9	312.2	327.24
8,700.0	69.60	325.90	8,543.2	286.3	-185.0	340.9	327.13
8,725.0	72.80	326.80	8,551.2	306.0	-198.2	364.6	327.07
8,753.0	74.80	331.80	8,559.1	329.1	-211.9	391.4	327.22
8,785.0	77.00	327.90	8,566.9	355.9	-227.5	422.4	327.41
8,816.0	80.00	326.70	8,573.0	381.5	-243.9	452.8	327.40
8,847.0	83.10	324.10	8,577.6	406.7	-261.3	483.5	327.28
8,878.0	85.00	323.50	8,580.8	431.6	-279.6	514.2	327.07
8,909.0	86.40	321.30	8,583.1	456.1	-298.4	545.0	326.80
8,940.0	87.50	318.20	8,584.8	479.7	-318.4	575.8	326.43
8,972.0	88.60	314.20	8,585.9	502.8	-340.5	607.3	325.89
9,003.0	89.00	310.80	8,586.5	523.7	-363.4	637.5	325.25
9,034.0	89.70	307.80	8,586.9	543.4	-387.4	667.3	324.51
9,065.0	89.80	304.80	8,587.0	561.7	-412.4	696.8	323.72
9,096.0	90.50	300.90	8,586.9	578.5	-438.4	725.9	322.85
9,128.0	91.20	298.00	8,586.5	594.3			



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9,440.0	90.20	273.00	8,581.3	655.4	-768.9	1,010.4	310.44
9,533.0	90.20	272.50	8,581.0	659.9	-861.8	1,085.4	307.44
9,627.0	89.90	271.70	8,580.9	663.3	-955.7	1,163.4	304.76
9,720.0	91.00	271.20	8,580.2	665.7	-1,048.7	1,242.1	302.41
9,814.0	91.20	271.10	8,578.4	667.6	-1,142.7	1,323.4	300.29
9,907.0	90.90	270.70	8,576.7	669.0	-1,235.7	1,405.1	298.43
10,001.0	91.60	270.10	8,574.7	669.7	-1,329.6	1,488.7	296.73
10,095.0	93.10	271.90	8,570.8	671.3	-1,423.5	1,573.9	295.25
10,188.0	93.60	271.80	8,565.4	674.3	-1,516.3	1,659.5	293.97
10,282.0	91.60	271.80	8,561.1	677.3	-1,610.2	1,746.8	292.81
10,375.0	92.30	272.60	8,557.9	680.8	-1,703.0	1,834.1	291.79
10,469.0	92.20	272.40	8,554.2	684.9	-1,796.9	1,923.0	290.87
10,562.0	92.50	272.60	8,550.4	689.0	-1,889.7	2,011.4	290.03
10,656.0	91.70	272.30	8,547.0	693.0	-1,983.6	2,101.1	289.26
10,750.0	90.10	272.30	8,545.5	696.8	-2,077.5	2,191.2	288.54
10,843.0	90.10	272.40	8,545.3	700.6	-2,170.4	2,280.7	287.89
10							



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11,965.0	95.00	275.20	8,512.6	811.4	-3,285.9	3,384.6	283.87
12,058.0	93.10	273.80	8,506.0	818.7	-3,378.3	3,476.1	283.62
12,151.0	93.90	274.10	8,500.4	825.1	-3,470.9	3,567.7	283.37
12,245.0	90.20	273.40	8,497.0	831.2	-3,564.7	3,660.3	283.13
12,338.0	89.50	272.50	8,497.2	836.0	-3,657.5	3,751.9	282.87
12,432.0	91.50	272.30	8,496.4	839.9	-3,751.4	3,844.3	282.62
12,525.0	92.20	272.10	8,493.4	843.5	-3,844.3	3,935.8	282.38
12,619.0	91.50	271.80	8,490.4	846.7	-3,938.2	4,028.2	282.13
12,713.0	91.30	272.00	8,486.1	849.8	-4,032.1	4,120.7	281.90
12,806.0	90.70	271.20	8,486.5	852.4	-4,125.1	4,212.2	281.68
12,900.0	91.20	271.50	8,484.9	854.6	-4,219.1	4,304.7	281.45
12,994.0	90.60	270.70	8,483.4	856.4	-4,313.0	4,397.2	281.23
13,087.0	94.40	271.40	8,479.4	858.1	-4,405.9	4,488.7	281.02
13,180.0	93.40	272.20	8,473.1	861.0	-4,498.6	4,580.3	280.84
13,248.0	92.00	270.80	8,469.8	862.8	-4,566.5	4,647.3	280.70
13,315.0	92.00	270.80	8,467.5	863.8	-4,633.5	4,713.3	280.56

Intent ☐ As Drilled ☒

API # 30-015-43168		
Operator Name: MEWBOURNE OIL COMPANY	Property Name: ROSCOE 6 B3AD FED COM	Well Number 1H

Kick Off Point (KOP)

UL	Section 6	Township 21S	Range 27E	Lot 8	Feet 1289	From N/S N	Feet 244	From E/W E	County EDDY
Latitude 31.5189389					Longitude -104.2206947			NAD 27	

First Take Point (FTP)

UL	Section 6	Township 21S	Range 27E	Lot 1	Feet 934	From N/S N	Feet 481	From E/W E	County EDDY
Latitude 32.5199692					Longitude -104.2214986			NAD 27	

Last Take Point (LTP)

UL	Section 6	Township 21S	Range 27E	Lot 4	Feet 407	From N/S N	Feet 383	From E/W W	County EDDY
Latitude 32.5213742					Longitude -104.2355742			NAD 27	

Is this well the defining well for the Horizontal Spacing Unit? ☐ Y

Is 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

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM0375257A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM1372958. Well Name and No.
ROSCOE 6 B3AD FED COM 1H9. API Well No.
30-015-43168-00-S110. Field and Pool or Exploratory Area
AVALON-DELAWARE
UNKNOWN11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
MEWBOURNE OIL COMPANYContact: JACKIE LATHAN
E-Mail: jlathan@mewbourne.com3a. Address
P O BOX 5270
HOBBS, NM 882413b. Phone No. (include area code)
Ph: 575-393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 6 T21S R27E Lot 8 1270FNL 265FEL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

06/18/17 Frac Bone Spring from 8761' MD (8562' TVD) to 13275' MD (8470' TVD).

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 August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							1. WELL API NO. 30-015-43168			
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 Roscoe 6 B3AD Fed Com			
8. Name of Operator Mewbourne Oil Company							6. Well Number: 1H			
10. Address of Operator PO Box 5270 Hobbs, NM 88241							11. Pool name or Wildcat Avalon Lower; Bone Spring (3714)			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	8	6	21S	27E		1270	North	265	East	Eddy
BH:	4	6	21S	27E		398	North	332	West	Eddy
13. Date Spudded 02/23/2017	14. Date T.D. Reached 03/21/2017	15. Date Rig Released 03/23/2017			16. Date Completed (Ready to Produce) 06/23/2017		17. Elevations (DF and RKB, RT, GR, etc.) 3228' GL			
18. Total Measured Depth of Well 13315'			19. Plug Back Measured Depth 13315' (MD)			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run CCL, GR, CNL & CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 8384' MD - 13315' MD Bone Spring										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
20"		94#		455		26"		900		
13 3/8"		54.5		814		17 1/2"		600		
9										

Mewbourne Oil Company
Well Name: Roscoe 6 B3AD Fed Com #1H
API: 30-015-43188 Property Code: 314887
Pool: 3714-Avalon; Lower Bone Spring
Updated by: Christian Ward
Date Updated: 6/16/2022
Eddy, Co
160 Acre Spacing

Spud Date: 2/24/2017
TD Date: 3/21/2017
Rig Release: 3/24/2017
Frac Complete: 6/18/2017
6/21/2021
GL: 3228

Surface
 26" x 20" 94# J55 BTC
 Set @ 455'
 Cmt w/ 900 sx
 Circ 325 sx to pit
 Lead TOC: Surface
 Tail TOC: '

Intermediate 1
 17 1/2" x 13 3/8" 54.5# J55 STC
 Set @ 814'
 Cmt w/ 800 sx
 Circ 161 sx to pit
 Lead TOC: Surface
 Tail TOC: 477'

Intermediate 2
 12 1/4" x 9 5/8" 36# J55 LTC
 Set @ 2538'
 Cmt w/ 850 sx
 Circ 287 sx to pit
 Lead TOC: Surface
 Tail TOC: 1730'
 DV Tool @ 936'

Production
 8 3/4" x 7" 26# P110 BTC
 Set @ 8751'
 Cmt w/ 925 sx
 Circ 75 sx to pit
 Lead TOC: 150'
 Tail TOC: 5664'

Liner
 6 1/8" x 4 1/2" 13.5# P110 LTC
 Set @ 7955' - 13315'
 TOC @ 7955'

TAI Y	TBG DETAIL:	LENGTH
1	4 3/4" collar & 4 1/2" x 2 1/2" swedge	1.45'
1	2 1/2" SN	1.10'
7	2 1/2" L80 6.5# tbg	232.30'
1	2 1/2" x 7" AS 3X Pkr	7.38'
1	T2 O/G Tool w/ 2.313" X nipple	1.48'
1	2 1/2" L80 6.5# tbg	13.10'
1	2 1/2" L80 GLV 1	4.10'
18	2 1/2" L80 6.5# tbg	597.00'
1	2 1/2" L80 GLV 2	4.10'
19	2 1/2" L80 6.5# tbg	610.45'
1	2 1/2" L80 GLV 3	4.10'
20	2 1/2" L80 6.5# tbg	658.00'
1	2 1/2" L80 GLV 4	4.10'
19	2 1/2" L80 6.5# tbg	627.45'
1	2 1/2" L80 GLV 5	4.10'
20	2 1/2" L80 6.5# tbg	660.10'
1	2 1/2" L80 GLV 6	4.10'
21	2 1/2" L80 6.5# tbg	696.55'
1	2 1/2" L80 GLV 7	4.10'
42	2 1/2" L80 6.5# tbg	1391.47'
1	2 1/2" L80 GLV 8	4.10'
70	2 7/8" L80 6.5# tbg	2323.53'
TOTAL TBG		7894.72'

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 118817

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 118817
	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.

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Phone:(575) 748-1283 Fax:(575) 748-9720
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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 118817

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 118817
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	6/24/2022