

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

Submit one copy to appropriate District Office

Form C-104
Revised August 1, 2011

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date NW/ 03/07/2023
⁴ API Number 30-025-50331	⁵ Pool Name Grama Ridge; Bone Spring	
	⁶ Pool Code 28432	
⁷ Property Code 333059	⁸ Property Name Red Stag 5/32 B2PA 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
P	5	22S	34E		250	South	1140	East	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	32	21S	34E		85	North	663	East	Lea
¹² Lse Code S	¹³ Producing Method Code Gas Lift	¹⁴ Gas Connection Date 03/07/2023	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

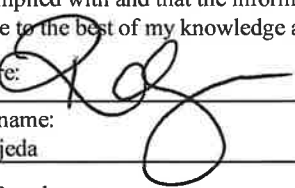
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
35246	Shell Trading US Co. PO Box 4604 Houston, TX 77210-4604	O
327139	Sendero Midstream 1000 Louisiana Street, Suite 6900 Houston, TX 77002	G

IV. Well Completion Data

²¹ Spud Date 07/30/2023	²² Ready Date 03/07/2023	²³ TD 21413' MD	²⁴ PBSD 21393'	²⁵ Perforations 11017'-21355'	²⁶ DHC, MC NA
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/4" 54.5# J55	1901'	1350		
12 1/4"	9 5/8" 40# HCL80 J55 36#	5430'	1400		
8 3/4"	7" 29# HCP110	10020'	850		
6 1/8"	4 1/2" 13.5# P110IC	9822'-21411'	1000		

V. Well Test Data

³¹ Date New Oil 03/07/2023	³² Gas Delivery Date 03/07/2023	³³ Test Date 03/09/2023	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure NA	³⁶ Csg. Pressure 1570
³⁷ Choke Size 32/64"	³⁸ Oil 99	³⁹ Water 1394	⁴⁰ Gas 111		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.		OIL CONSERVATION DIVISION	
Signature: 		Approved by: PATRICIA MARTINEZ	
Printed name: Ruby Ojeda		Title: PETROLEUM SPECIALIST	
Title: Regulatory		Approval Date: 6/13/2023	
E-mail Address: rojeda@mewbourne.com			
Date: 04/19/2023	Phone: 575-393-5905		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☒ AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-50331	² Pool Code 28432	³ Pool Name GRAMA RIDGE; BONE SPRINGS, WEST
⁴ Property Code 333059	⁵ Property Name RED STAG 5/32 B2PA FED COM	
⁷ GRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 1H
		⁹ Elevation 3604'

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
P	5	22S	34E		250	SOUTH	1140	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	32	21S	34E		85	NORTH	663	EAST	LEA

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

¹⁶ GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION (SL) N: 515435.7 - E: 802452.1 LAT: 32.4141587° N LONG: 103.4871833° W KICK OFF POINT (KOP) 456' FNL - 572' FEL (SEC. 8) N: 514733.5 - E: 803024.4 LAT: 32.4122160° N LONG: 103.4853470° W GEODETIC DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1913" N: 509878.2 - E: 798356.7 B: FOUND BRASS CAP "1913" N: 512517.1 - E: 798341.1 C: FOUND BRASS CAP "1913" N: 515157.1 - E: 798325.7 D: FOUND BRASS CAP "1913" N: 517797.9 - E: 798310.1 E: FOUND BRASS CAP "1913" N: 520452.3 - E: 798294.7 F: FOUND BRASS CAP "1913" N: 523087.5 - E: 798276.7 G: FOUND BRASS CAP "1913" N: 525725.3 - E: 798245.9 H: FOUND BRASS CAP "1913" N: 525758.3 - E: 800887.9 FIRST TAKE POINT (FTP) 125' FSL - 707' FEL (SEC. 5) N: 515314.1 - E: 802886.0 LAT: 32.4138149° N LONG: 103.4857805° W LAST TAKE POINT (LTP) 108' FNL - 663' FEL (SEC. 32) N: 525675.3 - E: 802867.6 LAT: 32.4422933° N LONG: 103.4855737° W BOTTOM HOLE (BH) N: 525698.3 - E: 802867.4 LAT: 32.4423565° N LONG: 103.4855737° W I: FOUND BRASS CAP "1913" N: 525791.1 - E: 803529.9 J: FOUND BRASS CAP "1913" N: 523150.6 - E: 803552.3 K: FOUND BRASS CAP "1913" N: 520510.0 - E: 803575.1 L: FOUND BRASS CAP "1913" N: 517831.6 - E: 803583.3 M: FOUND BRASS CAP "1913" N: 512553.9 - E: 803610.2 N: FOUND BRASS CAP "1913" N: 509914.4 - E: 803626.7 O: FOUND BRASS CAP "1913" N: 509897.3 - E: 800992.8 P: FOUND 1" PIPE N: 515176.0 - E: 8009559.8 Q: FOUND BRASS CAP "1913" N: 520481.4 - E: 800934.5	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>Josh Wagner</i> 3/15/2023 Signature Date Josh Wagner Printed Name jwagner@mewbourne.com E-mail Address 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 09/01/2022 Date of Survey 19680 Certificate Number ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR
--	---

LS21090989AD

Project: Lea County, NM (NAD83)
Site: Sec 05-T2S-R34E
Well: Red Stag 5-32 B2PA Fed Com 1H
Wellbore: Wellbore #1
Design: Plan #4

Map System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone Name: New Mexico Eastern Zone

Azimuths to Grid North
True North: -0.45°
Magnetic North: 6.01°
Magnetic Field
Strength: 47780.14
Dip Angle: 66.41°
Date: 7/1/2022
Model: BQM2022

WELL DETAILS
@ 3632.00usft (597)

Eastings	Latitude	Longitude	Slot
802452.100	32° 24' 50.970885 W	103° 29' 13.859897 W	

SECTION DETAILS

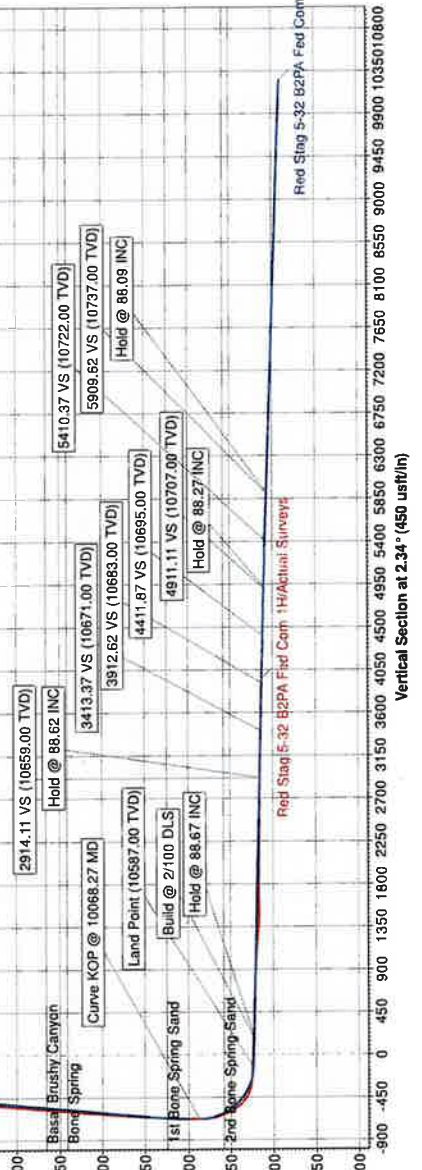
MD	Inc	Azi	TVD	+N/S	+E/W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	
2259.91	0.00	0.00	2259.91	0.00	0.00	0.00	0.00	0.00	
2599.91	7.00	141.39	2599.04	-16.68	13.32	2.00	141.39	-16.12	
9618.36	7.00	141.39	9565.20	-684.82	546.98	0.00	0.00	-661.92	
9968.27	0.00	0.00	9914.24	-701.50	560.30	2.00	180.00	-678.03	
10088.27	0.00	0.00	10014.24	-701.50	560.30	0.00	0.00	-678.03	Curve KOP @ 10068.27 MD
10953.27	88.50	359.66	10587.00	-147.13	497.14	10.00	353.50	-126.70	Land Point (10587.00 TVD)
11261.22	88.37	359.66	10595.42	160.01	478.78	2.00	91.29	179.43	Build @ 2/100 DLS
11276.24	88.67	359.66	10595.81	175.03	478.69	2.00	-0.13	194.43	Hold @ 88.67 INC
13999.63	88.67	359.66	10659.00	2897.64	462.50	0.00	0.00	2914.11	Hold @ 88.67 INC
14001.93	88.62	359.66	10659.05	2899.94	462.49	2.00	-180.00	2916.41	Hold @ 88.62 INC
14499.58	88.62	359.66	10671.00	3397.43	459.53	0.00	0.00	3413.36	Hold @ 88.62 INC
14999.52	88.62	359.66	10683.00	3897.22	456.56	0.00	0.00	3912.61	3912.62 VS (10683.00 TVD)
15499.46	88.62	359.66	10695.00	4397.01	453.59	0.00	0.00	4411.87	4411.87 VS (10695.00 TVD)
15999.40	88.62	359.66	10707.00	4996.80	450.62	0.00	0.00	4911.12	4911.11 VS (10707.00 TVD)
16016.89	88.27	359.66	10707.47	4914.28	450.51	2.00	180.00	4928.58	Hold @ 88.27 INC
16499.43	88.27	359.66	10723.00	5396.59	447.64	0.00	0.00	5410.37	5410.37 VS (10723.00 TVD)
16999.45	88.29	359.66	10737.00	5896.38	444.67	0.00	0.00	5909.62	5909.62 VS (10737.00 TVD)
17009.25	88.09	359.66	10737.31	5906.18	444.61	2.00	180.00	5919.41	Hold @ 88.09 INC
21352.76	88.09	359.66	10882.00	10247.20	418.80	0.00	0.00	10255.75	TD at 21352.76 MD

DESIGN TARGET DETAILS

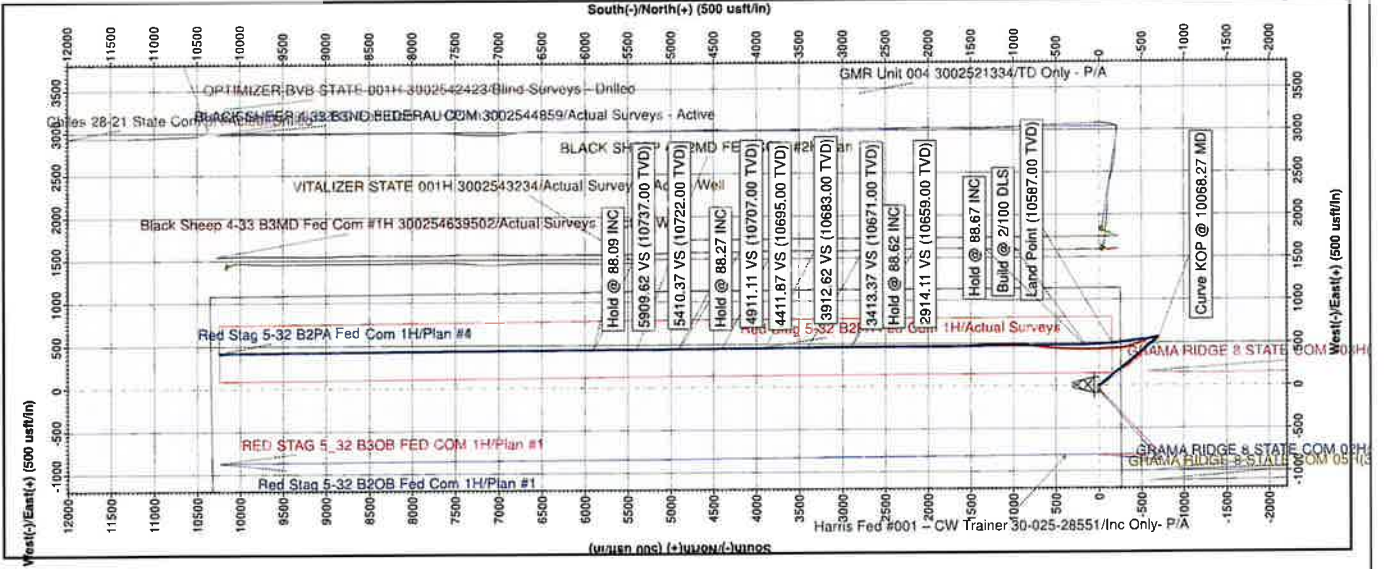
Name	+N/S	+E/W	Northings	Eastings	Latitude	Longitude
B2PA Landing	-146.44	480.54	515289.263	802932.644	32° 24' 49.484264 N	103° 29' 8.267987 W
Red Stag 5-32 B2PA Fed Com 1H 1	2897.64	482.50	518333.343	802914.603	32° 25' 19.605851 N	103° 29' 8.196769 W
Red Stag 5-32 B2PA Fed Com 1H 2	3397.43	459.53	518833.132	802914.631	32° 25' 24.551335 N	103° 29' 8.185183 W
Red Stag 5-32 B2PA Fed Com 1H 3	3897.22	456.56	519332.922	802908.659	32° 25' 29.496817 N	103° 29' 8.173595 W
Red Stag 5-32 B2PA Fed Com 1H 4	4397.01	453.59	519832.711	802905.687	32° 25' 34.442299 N	103° 29' 8.162005 W
Red Stag 5-32 B2PA Fed Com 1H 5	4896.80	450.62	520332.501	802902.715	32° 25' 39.387779 N	103° 29' 8.150413 W
Red Stag 5-32 B2PA Fed Com 1H 6	5396.59	447.64	520832.290	802899.743	32° 25' 44.333258 N	103° 29' 8.138819 W
Red Stag 5-32 B2PA Fed Com 1H 7	5896.38	444.67	521332.080	802896.771	32° 25' 49.278736 N	103° 29' 8.127222 W
B2PA BHL	10247.20	418.80	525682.900	802870.900	32° 26' 32.330590 N	103° 29' 8.026184 W

Hardlines

North/South hardlines are 100' FNL (Sec. 32) & 100' FSL (Sec. 5)
East/West hardlines will be 330' FEL & 990' FEL



Vertical Section at 2.34° (450 usft/in)



597

Mewbourne Oil Company

Lea County, NM (NAD83) Sec 05-T22S-R34E

API#

Red Stag 5-32 B2PA Fed Com 1H

Wellbore #1

Plan: Plan #4

Sperry Drilling Services

Combo Report

18 August, 2022

Well Coordinates: 32° 24' 50.970885 N
103° 29' 13.859897 W

North American Datum 1983
New Mexico Eastern Zone
515,435.70 N
802,452.10 E

Ground Level: 3,604.00 usft

Local Coordinate Origin:

Centered on Well Red Stag 5-32 B2PA Fed Com 1H

Viewing Datum:

. @ 3632.00usft (597)

TVDs to System:

N

North Reference:

Grid

Unit System:

Midcon (2 decimal)

Compass Version: 5000.15 Build: 91E

Report Version: Midcon Combo v1.15

HALLIBURTON

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Plan Report for Red Stag 5-32 B2PA Fed Com 1H - Plan #4**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
0.00	0.00	0.00	0.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
1,300.00	0.00	0.00	1,300.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
1,400.00	0.00	0.00	1,400.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
1,500.00	0.00	0.00	1,500.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
1,600.00	0.00	0.00	1,600.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
1,700.00	0.00	0.00	1,700.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
1,780.00	0.00	0.00	1,780.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	Rustler
1,800.00	0.00	0.00	1,800.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
1,900.00	0.00	0.00	1,900.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
2,100.00	0.00	0.00	2,100.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
2,200.00	0.00	0.00	2,200.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
2,250.00	0.00	0.00	2,250.00	0.00 N	0.00 E	515,435.700	802,452.100	0.00	0.00	0.00	
2,280.00	0.60	141.39	2,280.00	0.12 S	0.10 E	515,435.577	802,452.198	2.00	-0.12	141.39	Salt Top
2,300.00	1.00	141.39	2,300.00	0.34 S	0.27 E	515,435.359	802,452.372	2.00	-0.33	0.00	
2,400.00	3.00	141.39	2,399.93	3.07 S	2.45 E	515,432.632	802,454.550	2.00	-2.97	0.00	
2,500.00	5.00	141.39	2,499.68	8.52 S	6.80 E	515,427.182	802,458.903	2.00	-8.23	0.00	
2,599.91	7.00	141.39	2,599.04	16.68 S	13.32 E	515,419.024	802,465.420	2.00	-16.12	0.00	
2,700.00	7.00	141.39	2,698.38	26.20 S	20.93 E	515,409.495	802,473.030	0.00	-25.33	0.00	
2,800.00	7.00	141.39	2,797.64	35.72 S	28.53 E	515,399.975	802,480.634	0.00	-34.53	0.00	
2,900.00	7.00	141.39	2,896.89	45.24 S	36.14 E	515,390.455	802,488.238	0.00	-43.73	0.00	
3,000.00	7.00	141.39	2,996.15	54.76 S	43.74 E	515,380.936	802,495.841	0.00	-52.93	0.00	
3,100.00	7.00	141.39	3,095.40	64.28 S	51.34 E	515,371.416	802,503.445	0.00	-62.13	0.00	
3,200.00	7.00	141.39	3,194.66	73.80 S	58.95 E	515,361.896	802,511.049	0.00	-71.34	0.00	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Plan Report for Red Stag 5-32 B2PA Fed Com 1H - Plan #4**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
3,300.00	7.00	141.39	3,293.91	83.32 S	66.55 E	515,352.376	802,518.652	0.00	-80.54	0.00	
3,400.00	7.00	141.39	3,393.17	92.84 S	74.16 E	515,342.856	802,526.256	0.00	-89.74	0.00	
3,500.00	7.00	141.39	3,492.42	102.36 S	81.76 E	515,333.336	802,533.860	0.00	-98.94	0.00	
3,600.00	7.00	141.39	3,591.68	111.88 S	89.36 E	515,323.816	802,541.463	0.00	-108.14	0.00	
3,700.00	7.00	141.39	3,690.93	121.40 S	96.97 E	515,314.296	802,549.067	0.00	-117.34	0.00	
3,749.43	7.00	141.39	3,740.00	126.11 S	100.73 E	515,309.590	802,552.826	0.00	-121.89	0.00	Salt Base
3,800.00	7.00	141.39	3,790.19	130.92 S	104.57 E	515,304.777	802,556.671	0.00	-126.54	0.00	
3,900.00	7.00	141.39	3,889.45	140.44 S	112.17 E	515,295.257	802,564.274	0.00	-135.75	0.00	
3,991.23	7.00	141.39	3,980.00	149.13 S	119.11 E	515,286.571	802,571.212	0.00	-144.14	0.00	Yates
4,000.00	7.00	141.39	3,988.70	149.96 S	119.78 E	515,285.737	802,571.878	0.00	-144.95	0.00	
4,100.00	7.00	141.39	4,087.96	159.48 S	127.38 E	515,276.217	802,579.482	0.00	-154.15	0.00	
4,200.00	7.00	141.39	4,187.21	169.00 S	134.99 E	515,266.697	802,587.085	0.00	-163.35	0.00	
4,283.41	7.00	141.39	4,270.00	176.94 S	141.33 E	515,258.756	802,593.428	0.00	-171.02	0.00	Capitan
4,300.00	7.00	141.39	4,286.47	178.52 S	142.59 E	515,257.177	802,594.689	0.00	-172.55	0.00	
4,400.00	7.00	141.39	4,385.72	188.04 S	150.19 E	515,247.657	802,602.293	0.00	-181.75	0.00	
4,500.00	7.00	141.39	4,484.98	197.56 S	157.80 E	515,238.137	802,609.897	0.00	-190.95	0.00	
4,600.00	7.00	141.39	4,584.23	207.08 S	165.40 E	515,228.618	802,617.500	0.00	-200.16	0.00	
4,700.00	7.00	141.39	4,683.49	216.60 S	173.00 E	515,219.098	802,625.104	0.00	-209.36	0.00	
4,800.00	7.00	141.39	4,782.74	226.12 S	180.61 E	515,209.578	802,632.708	0.00	-218.56	0.00	
4,900.00	7.00	141.39	4,882.00	235.64 S	188.21 E	515,200.058	802,640.311	0.00	-227.76	0.00	
5,000.00	7.00	141.39	4,981.25	245.16 S	195.81 E	515,190.538	802,647.915	0.00	-236.96	0.00	
5,100.00	7.00	141.39	5,080.51	254.68 S	203.42 E	515,181.018	802,655.519	0.00	-246.16	0.00	
5,200.00	7.00	141.39	5,179.76	264.20 S	211.02 E	515,171.498	802,663.122	0.00	-255.36	0.00	
5,300.00	7.00	141.39	5,279.02	273.72 S	218.63 E	515,161.978	802,670.726	0.00	-264.57	0.00	
5,300.99	7.00	141.39	5,280.00	273.82 S	218.70 E	515,161.884	802,670.802	0.00	-264.66	0.00	"Delaware (Lamar)
5,400.00	7.00	141.39	5,378.27	283.24 S	226.23 E	515,152.459	802,678.330	0.00	-273.77	0.00	
5,500.00	7.00	141.39	5,477.53	292.76 S	233.83 E	515,142.939	802,685.933	0.00	-282.97	0.00	
5,600.00	7.00	141.39	5,576.78	302.28 S	241.44 E	515,133.419	802,693.537	0.00	-292.17	0.00	
5,700.00	7.00	141.39	5,676.04	311.80 S	249.04 E	515,123.899	802,701.141	0.00	-301.37	0.00	
5,800.00	7.00	141.39	5,775.29	321.32 S	256.64 E	515,114.379	802,708.744	0.00	-310.57	0.00	
5,900.00	7.00	141.39	5,874.55	330.84 S	264.25 E	515,104.859	802,716.348	0.00	-319.77	0.00	
5,945.80	7.00	141.39	5,920.00	335.20 S	267.73 E	515,100.499	802,719.830	0.00	-323.99	0.00	Cherry Canyon
6,000.00	7.00	141.39	5,973.80	340.36 S	271.85 E	515,095.339	802,723.952	0.00	-328.98	0.00	
6,100.00	7.00	141.39	6,073.06	349.88 S	279.46 E	515,085.819	802,731.556	0.00	-338.18	0.00	
6,107.00	7.00	141.39	6,080.00	350.55 S	279.99 E	515,085.153	802,732.088	0.00	-338.82	0.00	Manzanita Marker
6,200.00	7.00	141.39	6,172.31	359.40 S	287.06 E	515,076.300	802,739.159	0.00	-347.38	0.00	
6,300.00	7.00	141.39	6,271.57	368.92 S	294.66 E	515,066.780	802,746.763	0.00	-356.58	0.00	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Plan Report for Red Stag 5-32 B2PA Fed Com 1H - Plan #4**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
6,400.00	7.00	141.39	6,370.82	378.44 S	302.27 E	515,057.260	802,754.367	0.00	-365.78	0.00	
6,500.00	7.00	141.39	6,470.08	387.96 S	309.87 E	515,047.740	802,761.970	0.00	-374.98	0.00	
6,600.00	7.00	141.39	6,569.33	397.48 S	317.47 E	515,038.220	802,769.574	0.00	-384.18	0.00	
6,700.00	7.00	141.39	6,668.59	407.00 S	325.08 E	515,028.700	802,777.178	0.00	-393.39	0.00	
6,800.00	7.00	141.39	6,767.84	416.52 S	332.68 E	515,019.180	802,784.781	0.00	-402.59	0.00	
6,900.00	7.00	141.39	6,867.10	426.04 S	340.29 E	515,009.660	802,792.385	0.00	-411.79	0.00	
7,000.00	7.00	141.39	6,966.35	435.56 S	347.89 E	515,000.141	802,799.989	0.00	-420.99	0.00	
7,100.00	7.00	141.39	7,065.61	445.08 S	355.49 E	514,990.621	802,807.592	0.00	-430.19	0.00	
7,200.00	7.00	141.39	7,164.86	454.60 S	363.10 E	514,981.101	802,815.196	0.00	-439.39	0.00	
7,300.00	7.00	141.39	7,264.12	464.12 S	370.70 E	514,971.581	802,822.800	0.00	-448.59	0.00	
7,400.00	7.00	141.39	7,363.37	473.64 S	378.30 E	514,962.061	802,830.403	0.00	-457.80	0.00	
7,500.00	7.00	141.39	7,462.63	483.16 S	385.91 E	514,952.541	802,838.007	0.00	-467.00	0.00	
7,600.00	7.00	141.39	7,561.88	492.68 S	393.51 E	514,943.021	802,845.611	0.00	-476.20	0.00	
7,700.00	7.00	141.39	7,661.14	502.20 S	401.11 E	514,933.501	802,853.215	0.00	-485.40	0.00	
7,800.00	7.00	141.39	7,760.39	511.72 S	408.72 E	514,923.982	802,860.818	0.00	-494.60	0.00	
7,900.00	7.00	141.39	7,859.65	521.24 S	416.32 E	514,914.462	802,868.422	0.00	-503.80	0.00	
8,000.00	7.00	141.39	7,958.90	530.76 S	423.93 E	514,904.942	802,876.026	0.00	-513.00	0.00	
8,100.00	7.00	141.39	8,058.16	540.28 S	431.53 E	514,895.422	802,883.629	0.00	-522.21	0.00	
8,200.00	7.00	141.39	8,157.41	549.80 S	439.13 E	514,885.902	802,891.233	0.00	-531.41	0.00	
8,300.00	7.00	141.39	8,256.67	559.32 S	446.74 E	514,876.382	802,898.837	0.00	-540.61	0.00	
8,400.00	7.00	141.39	8,355.92	568.84 S	454.34 E	514,866.862	802,906.440	0.00	-549.81	0.00	
8,454.49	7.00	141.39	8,410.00	574.02 S	458.48 E	514,861.675	802,910.583	0.00	-554.82	0.00	Basal Brushy Canyon
8,500.00	7.00	141.39	8,455.18	578.36 S	461.94 E	514,857.342	802,914.044	0.00	-559.01	0.00	
8,600.00	7.00	141.39	8,554.43	587.88 S	469.55 E	514,847.823	802,921.648	0.00	-568.21	0.00	
8,676.14	7.00	141.39	8,630.00	595.13 S	475.34 E	514,840.574	802,927.437	0.00	-575.22	0.00	Bone Spring
8,700.00	7.00	141.39	8,653.69	597.40 S	477.15 E	514,838.303	802,929.251	0.00	-577.41	0.00	
8,800.00	7.00	141.39	8,752.94	606.92 S	484.76 E	514,828.783	802,936.855	0.00	-586.62	0.00	
8,900.00	7.00	141.39	8,852.20	616.44 S	492.36 E	514,819.263	802,944.459	0.00	-595.82	0.00	
9,000.00	7.00	141.39	8,951.45	625.96 S	499.96 E	514,809.743	802,952.062	0.00	-605.02	0.00	
9,100.00	7.00	141.39	9,050.71	635.48 S	507.57 E	514,800.223	802,959.666	0.00	-614.22	0.00	
9,200.00	7.00	141.39	9,149.96	645.00 S	515.17 E	514,790.703	802,967.270	0.00	-623.42	0.00	
9,300.00	7.00	141.39	9,249.22	654.52 S	522.77 E	514,781.183	802,974.874	0.00	-632.62	0.00	
9,400.00	7.00	141.39	9,348.47	664.04 S	530.38 E	514,771.664	802,982.477	0.00	-641.82	0.00	
9,500.00	7.00	141.39	9,447.73	673.56 S	537.98 E	514,762.144	802,990.081	0.00	-651.03	0.00	
9,600.00	7.00	141.39	9,546.98	683.08 S	545.58 E	514,752.624	802,997.685	0.00	-660.23	0.00	
9,618.36	7.00	141.39	9,565.20	684.82 S	546.98 E	514,750.876	802,999.080	0.00	-661.92	0.00	
9,700.00	5.37	141.39	9,646.37	691.69 S	552.47 E	514,744.007	803,004.567	2.00	-668.56	180.00	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Plan Report for Red Stag 5-32 B2PA Fed Com 1H - Plan #4**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
9,733.76	4.69	141.39	9,680.00	694.00 S	554.31 E	514,741.695	803,006.414	2.00	-670.79	180.00	1st Bone Spring Sand
9,800.00	3.37	141.39	9,746.07	697.64 S	557.22 E	514,738.060	803,009.317	2.00	-674.30	-180.00	
9,900.00	1.37	141.39	9,845.98	700.86 S	559.79 E	514,734.835	803,011.892	2.00	-677.42	180.00	
9,968.27	0.00	0.00	9,914.24	701.50 S	560.30 E	514,734.200	803,012.400	2.00	-678.03	-180.00	
10,000.00	0.00	0.00	9,945.97	701.50 S	560.30 E	514,734.200	803,012.400	0.00	-678.03	0.00	
10,068.27	0.00	0.00	10,014.24	701.50 S	560.30 E	514,734.200	803,012.400	0.00	-678.03	0.00	Curve KOP @ 10068.27 MD
10,100.00	3.17	353.50	10,045.96	700.63 S	560.20 E	514,735.073	803,012.301	10.00	-677.17	353.50	
10,150.00	8.17	353.50	10,095.70	695.72 S	559.64 E	514,739.983	803,011.741	10.00	-672.28	0.00	
10,200.00	13.17	353.50	10,144.82	686.52 S	558.59 E	514,749.181	803,010.693	10.00	-663.14	0.00	
10,250.00	18.17	353.50	10,192.94	673.10 S	557.06 E	514,762.597	803,009.165	10.00	-649.79	0.00	
10,300.00	23.17	353.50	10,239.71	655.57 S	555.07 E	514,780.130	803,007.167	10.00	-632.36	0.00	
10,344.62	27.64	353.50	10,280.00	636.56 S	552.90 E	514,799.143	803,005.001	10.00	-613.45	0.00	2nd Bone Spring Sand
10,350.00	28.17	353.50	10,284.76	634.05 S	552.62 E	514,801.646	803,004.715	10.00	-610.96	0.00	
10,400.00	33.17	353.50	10,327.75	608.72 S	549.73 E	514,826.981	803,001.829	10.00	-585.76	0.00	
10,450.00	38.17	353.50	10,368.35	579.76 S	546.43 E	514,855.943	802,998.529	10.00	-556.96	0.00	
10,500.00	43.17	353.50	10,406.26	547.39 S	542.74 E	514,888.310	802,994.841	10.00	-524.77	0.00	
10,550.00	48.17	353.50	10,441.19	511.86 S	538.69 E	514,923.838	802,990.794	10.00	-489.44	0.00	
10,600.00	53.17	353.50	10,472.87	473.45 S	534.32 E	514,962.254	802,986.417	10.00	-451.23	0.00	
10,650.00	58.17	353.50	10,501.05	432.43 S	529.64 E	515,003.268	802,981.744	10.00	-410.44	0.00	
10,700.00	63.17	353.50	10,525.53	389.13 S	524.71 E	515,046.566	802,976.810	10.00	-367.38	0.00	
10,750.00	68.17	353.50	10,546.12	343.88 S	519.55 E	515,091.819	802,971.654	10.00	-322.38	0.00	
10,800.00	73.17	353.50	10,562.67	297.02 S	514.21 E	515,138.683	802,966.315	10.00	-275.77	0.00	
10,850.00	78.17	353.50	10,575.04	248.90 S	508.73 E	515,186.802	802,960.833	10.00	-227.92	0.00	
10,900.00	83.17	353.50	10,583.14	199.89 S	503.15 E	515,235.808	802,955.249	10.00	-179.18	0.00	
10,953.27	88.50	353.50	10,587.00	147.12 S	497.14 E	515,288.577	802,949.237	10.00	-126.70	0.00	Land Point (10587.00 TVD)
11,000.00	88.48	354.43	10,588.23	100.67 S	492.23 E	515,335.031	802,944.327	2.00	-80.48	91.29	
11,100.00	88.44	356.44	10,590.93	1.03 S	484.27 E	515,434.673	802,936.372	2.00	18.75	91.27	
11,200.00	88.39	358.44	10,593.69	98.83 N	479.80 E	515,534.530	802,931.899	2.00	118.34	91.21	
11,261.22	88.37	359.66	10,595.42	160.02 N	478.78 E	515,595.716	802,930.881	2.00	179.43	91.16	Build @ 2/100 DLS
11,276.24	88.67	359.66	10,595.81	175.03 N	478.69 E	515,610.730	802,930.792	2.00	194.43	-0.13	Hold @ 88.67 INC
11,300.00	88.67	359.66	10,596.36	198.78 N	478.55 E	515,634.483	802,930.651	0.00	218.16	-0.13	
11,400.00	88.67	359.66	10,598.68	298.75 N	477.96 E	515,734.455	802,930.057	0.00	318.02	0.00	
11,500.00	88.67	359.66	10,601.00	398.73 N	477.36 E	515,834.426	802,929.462	0.00	417.89	0.00	
11,600.00	88.67	359.66	10,603.32	498.70 N	476.77 E	515,934.397	802,928.868	0.00	517.75	0.00	
11,700.00	88.67	359.66	10,605.64	598.67 N	476.17 E	516,034.369	802,928.273	0.00	617.61	0.00	
11,800.00	88.67	359.66	10,607.96	698.64 N	475.58 E	516,134.340	802,927.679	0.00	717.48	0.00	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Plan Report for Red Stag 5-32 B2PA Fed Com 1H - Plan #4**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
11,900.00	88.67	359.66	10,610.28	798.61 N	474.98 E	516,234.311	802,927.084	0.00	817.34	0.00	
12,000.00	88.67	359.66	10,612.60	898.58 N	474.39 E	516,334.283	802,926.490	0.00	917.21	0.00	
12,100.00	88.67	359.66	10,614.92	998.55 N	473.80 E	516,434.254	802,925.895	0.00	1,017.07	0.00	
12,200.00	88.67	359.66	10,617.24	1,098.53 N	473.20 E	516,534.225	802,925.301	0.00	1,116.93	0.00	
12,300.00	88.67	359.66	10,619.56	1,198.50 N	472.61 E	516,634.196	802,924.706	0.00	1,216.80	0.00	
12,400.00	88.67	359.66	10,621.88	1,298.47 N	472.01 E	516,734.168	802,924.112	0.00	1,316.66	0.00	
12,500.00	88.67	359.66	10,624.20	1,398.44 N	471.42 E	516,834.139	802,923.518	0.00	1,416.52	0.00	
12,600.00	88.67	359.66	10,626.52	1,498.41 N	470.82 E	516,934.110	802,922.923	0.00	1,516.39	0.00	
12,700.00	88.67	359.66	10,628.84	1,598.38 N	470.23 E	517,034.082	802,922.329	0.00	1,616.25	0.00	
12,800.00	88.67	359.66	10,631.16	1,698.35 N	469.63 E	517,134.053	802,921.734	0.00	1,716.11	0.00	
12,900.00	88.67	359.66	10,633.48	1,798.32 N	469.04 E	517,234.024	802,921.140	0.00	1,815.98	0.00	
13,000.00	88.67	359.66	10,635.81	1,898.30 N	468.45 E	517,333.996	802,920.545	0.00	1,915.84	0.00	
13,100.00	88.67	359.66	10,638.13	1,998.27 N	467.85 E	517,433.967	802,919.951	0.00	2,015.71	0.00	
13,200.00	88.67	359.66	10,640.45	2,098.24 N	467.26 E	517,533.938	802,919.356	0.00	2,115.57	0.00	
13,300.00	88.67	359.66	10,642.77	2,198.21 N	466.66 E	517,633.910	802,918.762	0.00	2,215.43	0.00	
13,400.00	88.67	359.66	10,645.09	2,298.18 N	466.07 E	517,733.881	802,918.167	0.00	2,315.30	0.00	
13,500.00	88.67	359.66	10,647.41	2,398.15 N	465.47 E	517,833.852	802,917.573	0.00	2,415.16	0.00	
13,600.00	88.67	359.66	10,649.73	2,498.12 N	464.88 E	517,933.824	802,916.978	0.00	2,515.02	0.00	
13,700.00	88.67	359.66	10,652.05	2,598.09 N	464.28 E	518,033.795	802,916.384	0.00	2,614.89	0.00	
13,800.00	88.67	359.66	10,654.37	2,698.07 N	463.69 E	518,133.766	802,915.790	0.00	2,714.75	0.00	
13,900.00	88.67	359.66	10,656.69	2,798.04 N	463.10 E	518,233.737	802,915.195	0.00	2,814.61	0.00	
13,999.63	88.67	359.66	10,659.00	2,897.64 N	462.50 E	518,333.339	802,914.603	0.00	2,914.11	0.00	2914.11 VS (10659.00 TVD)
14,001.93	88.62	359.66	10,659.05	2,899.94 N	462.49 E	518,335.638	802,914.589	2.00	2,916.41	-180.00	Hold @ 88.62 INC
14,100.00	88.62	359.66	10,661.41	2,997.98 N	461.91 E	518,433.678	802,914.006	0.00	3,014.34	0.00	
14,200.00	88.62	359.66	10,663.81	3,097.95 N	461.31 E	518,533.648	802,913.412	0.00	3,114.20	0.00	
14,300.00	88.62	359.66	10,666.21	3,197.92 N	460.72 E	518,633.617	802,912.817	0.00	3,214.06	0.00	
14,400.00	88.62	359.66	10,668.61	3,297.89 N	460.12 E	518,733.586	802,912.223	0.00	3,313.92	0.00	
14,499.58	88.62	359.66	10,671.00	3,397.44 N	459.53 E	518,833.136	802,911.631	0.00	3,413.37	0.00	3413.37 VS (10671.00 TVD)
14,600.00	88.62	359.66	10,673.41	3,497.83 N	458.93 E	518,933.525	802,911.034	0.00	3,513.65	0.00	
14,700.00	88.62	359.66	10,675.81	3,597.79 N	458.34 E	519,033.495	802,910.439	0.00	3,613.51	0.00	
14,800.00	88.62	359.66	10,678.21	3,697.76 N	457.75 E	519,133.464	802,909.845	0.00	3,713.37	0.00	
14,900.00	88.62	359.66	10,680.61	3,797.73 N	457.15 E	519,233.434	802,909.251	0.00	3,813.23	0.00	
14,999.52	88.62	359.66	10,683.00	3,897.22 N	456.56 E	519,332.923	802,908.659	0.00	3,912.62	0.00	3912.62 VS (10683.00 TVD)
15,100.00	88.62	359.66	10,685.41	3,997.67 N	455.96 E	519,433.372	802,908.062	0.00	4,012.96	0.00	
15,200.00	88.62	359.66	10,687.81	4,097.64 N	455.37 E	519,533.342	802,907.467	0.00	4,112.82	0.00	
15,300.00	88.62	359.66	10,690.21	4,197.61 N	454.77 E	519,633.311	802,906.873	0.00	4,212.68	0.00	
15,400.00	88.62	359.66	10,692.61	4,297.58 N	454.18 E	519,733.281	802,906.278	0.00	4,312.54	0.00	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Plan Report for Red Stag 5-32 B2PA Fed Com 1H - Plan #4**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
15,499.46	88.62	359.66	10,695.00	4,397.01 N	453.59 E	519,832.710	802,905.687	0.00	4,411.87	0.00	4411.87 VS (10695.00 TVD)
15,600.00	88.62	359.66	10,697.41	4,497.52 N	452.99 E	519,933.219	802,905.089	0.00	4,512.27	0.00	
15,700.00	88.62	359.66	10,699.81	4,597.49 N	452.39 E	520,033.189	802,904.495	0.00	4,612.13	0.00	
15,800.00	88.62	359.66	10,702.21	4,697.46 N	451.80 E	520,133.158	802,903.901	0.00	4,711.99	0.00	
15,900.00	88.62	359.66	10,704.61	4,797.43 N	451.21 E	520,233.128	802,903.306	0.00	4,811.85	0.00	
15,999.40	88.62	359.66	10,707.00	4,896.80 N	450.62 E	520,332.497	802,902.715	0.00	4,911.11	0.00	4911.11 VS (10707.00 TVD)
16,016.89	88.27	359.66	10,707.47	4,914.28 N	450.51 E	520,349.981	802,902.611	2.00	4,928.58	180.00	Hold @ 88.27 INC
16,100.00	88.27	359.66	10,709.98	4,997.35 N	450.02 E	520,433.051	802,902.117	0.00	5,011.56	0.00	
16,200.00	88.27	359.66	10,712.99	5,097.30 N	449.42 E	520,533.004	802,901.523	0.00	5,111.41	0.00	
16,300.00	88.27	359.66	10,716.00	5,197.26 N	448.83 E	520,632.957	802,900.929	0.00	5,211.25	0.00	
16,400.00	88.27	359.66	10,719.01	5,297.21 N	448.23 E	520,732.910	802,900.334	0.00	5,311.10	0.00	
16,499.43	88.27	359.66	10,722.00	5,396.59 N	447.64 E	520,832.293	802,899.743	0.00	5,410.37	0.00	5410.37 VS (10722.00 TVD)
16,600.00	88.28	359.66	10,725.03	5,497.12 N	447.05 E	520,932.816	802,899.146	0.00	5,510.79	0.00	
16,700.00	88.28	359.66	10,728.03	5,597.07 N	446.45 E	521,032.769	802,898.551	0.00	5,610.63	0.00	
16,800.00	88.28	359.66	10,731.03	5,697.02 N	445.86 E	521,132.722	802,897.957	0.00	5,710.48	0.00	
16,900.00	88.28	359.66	10,734.03	5,796.98 N	445.26 E	521,232.676	802,897.362	0.00	5,810.32	0.00	
16,999.45	88.28	359.66	10,737.00	5,896.38 N	444.67 E	521,332.079	802,896.771	0.00	5,909.62	0.00	5909.62 VS (10737.00 TVD)
17,009.25	88.09	359.66	10,737.31	5,906.17 N	444.61 E	521,341.874	802,896.713	1.98	5,919.40	180.00	Hold @ 88.09 INC
17,100.00	88.09	359.66	10,740.33	5,996.87 N	444.07 E	521,432.572	802,896.174	0.00	6,010.00	-180.00	
17,200.00	88.09	359.66	10,743.66	6,096.82 N	443.48 E	521,532.515	802,895.580	0.00	6,109.84	0.00	
17,300.00	88.09	359.66	10,747.00	6,196.76 N	442.89 E	521,632.458	802,894.985	0.00	6,209.67	0.00	
17,400.00	88.09	359.66	10,750.33	6,296.70 N	442.29 E	521,732.401	802,894.391	0.00	6,309.51	0.00	
17,500.00	88.09	359.66	10,753.66	6,396.64 N	441.70 E	521,832.343	802,893.797	0.00	6,409.34	0.00	
17,600.00	88.09	359.66	10,756.99	6,496.59 N	441.10 E	521,932.286	802,893.202	0.00	6,509.18	0.00	
17,700.00	88.09	359.66	10,760.32	6,596.53 N	440.51 E	522,032.229	802,892.608	0.00	6,609.01	0.00	
17,800.00	88.09	359.66	10,763.65	6,696.47 N	439.91 E	522,132.172	802,892.014	0.00	6,708.85	0.00	
17,900.00	88.09	359.66	10,766.98	6,796.41 N	439.32 E	522,232.114	802,891.419	0.00	6,808.69	0.00	
18,000.00	88.09	359.66	10,770.31	6,896.36 N	438.73 E	522,332.057	802,890.825	0.00	6,908.52	0.00	
18,100.00	88.09	359.66	10,773.64	6,996.30 N	438.13 E	522,432.000	802,890.231	0.00	7,008.36	0.00	
18,200.00	88.09	359.66	10,776.98	7,096.24 N	437.54 E	522,531.943	802,889.637	0.00	7,108.19	0.00	
18,300.00	88.09	359.66	10,780.31	7,196.19 N	436.94 E	522,631.885	802,889.042	0.00	7,208.03	0.00	
18,400.00	88.09	359.66	10,783.64	7,296.13 N	436.35 E	522,731.828	802,888.448	0.00	7,307.86	0.00	
18,500.00	88.09	359.66	10,786.97	7,396.07 N	435.75 E	522,831.771	802,887.854	0.00	7,407.70	0.00	
18,600.00	88.09	359.66	10,790.30	7,496.01 N	435.16 E	522,931.713	802,887.259	0.00	7,507.53	0.00	
18,700.00	88.09	359.66	10,793.63	7,595.96 N	434.57 E	523,031.656	802,886.665	0.00	7,607.37	0.00	
18,800.00	88.09	359.66	10,796.96	7,695.90 N	433.97 E	523,131.599	802,886.071	0.00	7,707.20	0.00	
18,900.00	88.09	359.66	10,800.29	7,795.84 N	433.38 E	523,231.542	802,885.477	0.00	7,807.04	0.00	

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Plan Report for Red Stag 5-32 B2PA Fed Com 1H - Plan #4**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
19,000.00	88.09	359.66	10,803.63	7,895.78 N	432.78 E	523,331.484	802,884.882	0.00	7,906.87	0.00	
19,100.00	88.09	359.66	10,806.96	7,995.73 N	432.19 E	523,431.427	802,884.288	0.00	8,006.71	0.00	
19,200.00	88.09	359.66	10,810.29	8,095.67 N	431.59 E	523,531.370	802,883.694	0.00	8,106.54	0.00	
19,300.00	88.09	359.66	10,813.62	8,195.61 N	431.00 E	523,631.313	802,883.099	0.00	8,206.38	0.00	
19,400.00	88.09	359.66	10,816.95	8,295.56 N	430.41 E	523,731.255	802,882.505	0.00	8,306.21	0.00	
19,500.00	88.09	359.66	10,820.28	8,395.50 N	429.81 E	523,831.198	802,881.911	0.00	8,406.05	0.00	
19,600.00	88.09	359.66	10,823.61	8,495.44 N	429.22 E	523,931.141	802,881.317	0.00	8,505.88	0.00	
19,700.00	88.09	359.66	10,826.94	8,595.38 N	428.62 E	524,031.084	802,880.722	0.00	8,605.72	0.00	
19,800.00	88.09	359.66	10,830.27	8,695.33 N	428.03 E	524,131.026	802,880.128	0.00	8,705.55	0.00	
19,900.00	88.09	359.66	10,833.61	8,795.27 N	427.43 E	524,230.969	802,879.534	0.00	8,805.39	0.00	
20,000.00	88.09	359.66	10,836.94	8,895.21 N	426.84 E	524,330.912	802,878.939	0.00	8,905.22	0.00	
20,100.00	88.09	359.66	10,840.27	8,995.15 N	426.25 E	524,430.854	802,878.345	0.00	9,005.06	0.00	
20,200.00	88.09	359.66	10,843.60	9,095.10 N	425.65 E	524,530.797	802,877.751	0.00	9,104.89	0.00	
20,300.00	88.09	359.66	10,846.93	9,195.04 N	425.06 E	524,630.740	802,877.156	0.00	9,204.73	0.00	
20,400.00	88.09	359.66	10,850.26	9,294.98 N	424.46 E	524,730.683	802,876.562	0.00	9,304.56	0.00	
20,500.00	88.09	359.66	10,853.59	9,394.93 N	423.87 E	524,830.625	802,875.968	0.00	9,404.40	0.00	
20,600.00	88.09	359.66	10,856.92	9,494.87 N	423.27 E	524,930.568	802,875.374	0.00	9,504.23	0.00	
20,700.00	88.09	359.66	10,860.26	9,594.81 N	422.68 E	525,030.511	802,874.779	0.00	9,604.07	0.00	
20,800.00	88.09	359.66	10,863.59	9,694.75 N	422.09 E	525,130.454	802,874.185	0.00	9,703.90	0.00	
20,900.00	88.09	359.66	10,866.92	9,794.70 N	421.49 E	525,230.396	802,873.591	0.00	9,803.74	0.00	
21,000.00	88.09	359.66	10,870.25	9,894.64 N	420.90 E	525,330.339	802,872.996	0.00	9,903.57	0.00	
21,100.00	88.09	359.66	10,873.58	9,994.58 N	420.30 E	525,430.282	802,872.402	0.00	10,003.41	0.00	
21,200.00	88.09	359.66	10,876.91	10,094.52 N	419.71 E	525,530.225	802,871.808	0.00	10,103.24	0.00	
21,300.00	88.09	359.66	10,880.24	10,194.47 N	419.11 E	525,630.167	802,871.214	0.00	10,203.08	0.00	
21,352.76	88.09	359.66	10,882.00	10,247.20 N	418.80 E	525,682.897	802,870.900	0.00	10,255.75	0.00	TD at 21352.76 MD - 4 1/2" Casing

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Plan Report for Red Stag 5-32 B2PA Fed Com 1H - Plan #4****Plan Annotations**

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,068.27	10,014.24	-701.50	560.30	Curve KOP @ 10068.27 MD
10,953.27	10,587.00	-147.12	497.14	Land Point (10587.00 TVD)
11,261.22	10,595.42	160.02	478.78	Build @ 2/100 DLS
11,276.24	10,595.81	175.03	478.69	Hold @ 88.67 INC
13,999.63	10,659.00	2,897.64	462.50	2914.11 VS (10659.00 TVD)
14,001.93	10,659.05	2,899.94	462.49	Hold @ 88.62 INC
14,499.58	10,671.00	3,397.44	459.53	3413.37 VS (10671.00 TVD)
14,999.52	10,683.00	3,897.22	456.56	3912.62 VS (10683.00 TVD)
15,499.46	10,695.00	4,397.01	453.59	4411.87 VS (10695.00 TVD)
15,999.40	10,707.00	4,896.80	450.62	4911.11 VS (10707.00 TVD)
16,016.89	10,707.47	4,914.28	450.51	Hold @ 88.27 INC
16,499.43	10,722.00	5,396.59	447.64	5410.37 VS (10722.00 TVD)
16,999.45	10,737.00	5,896.38	444.67	5909.62 VS (10737.00 TVD)
17,009.25	10,737.31	5,906.17	444.61	Hold @ 88.09 INC
21,352.76	10,882.00	10,247.20	418.80	TD at 21352.76 MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (usft)	Origin +E/-W (usft)	Start TVD (usft)
User	No Target (Freehand)	2.34	Slot	0.00	0.00	0.00

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
0.00	21,352.65	Plan #4	3_MWD+HRGM

Casing Details

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
21,352.76	10,882.00	4 1/2" Casing	4-1/2	6

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Plan Report for Red Stag 5-32 B2PA Fed Com 1H - Plan #4****Formation Details**

Measured Depth (usft)	Vertical Depth (usft)	TVDSS (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,780.00	1,780.00	-1,852.00	Rustler			
2,280.00	2,280.00	-1,352.00	Salt Top			
3,749.43	3,740.00	108.00	Salt Base			
3,991.23	3,980.00	348.00	Yates			
4,283.41	4,270.00	638.00	Capitan			
5,300.99	5,280.00	1,648.00	"Delaware (Lamar)			
5,945.80	5,920.00	2,288.00	Cherry Canyon			
6,107.00	6,080.00	2,448.00	Manzanita Marker			
8,454.49	8,410.00	4,778.00	Basal Brushy Canyon			
8,676.14	8,630.00	4,998.00	Bone Spring			
9,733.76	9,680.00	6,048.00	1st Bone Spring Sand			
10,344.62	10,280.00	6,648.00	2nd Bone Spring Sand			

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**Plan Report for Red Stag 5-32 B2PA Fed Com 1H - Plan #4****Design Targets**

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
B2PA Landing ()									
- plan misses target center by 34.13usft at 10956.49usft MD (10587.09 TVD, -143.93 N, 496.77 E)	0.00	0.00	10,617.00	-146.44	480.54	515,289.263	802,932.644	32° 24' 49.484264 N	103° 29' 8.267987 W
- Point									
Red Stag 5-32 B2PA Fed Com 1H 1 (P3.1=14000 MD)									
- plan hits target center	0.00	0.00	10,659.00	2,897.64	462.50	518,333.343	802,914.603	32° 25' 19.605851 N	103° 29' 8.196769 W
- Point									
Red Stag 5-32 B2PA Fed Com 1H 2 (P3.1=14500 MD)									
- plan hits target center	0.00	0.00	10,671.00	3,397.43	459.53	518,833.132	802,911.631	32° 25' 24.551335 N	103° 29' 8.185183 W
- Point									
Red Stag 5-32 B2PA Fed Com 1H 3 (P3.1=15000 MD)									
- plan hits target center	0.00	0.00	10,683.00	3,897.22	456.56	519,332.922	802,908.659	32° 25' 29.496817 N	103° 29' 8.173595 W
- Point									
Red Stag 5-32 B2PA Fed Com 1H 4 (P3.1=15500 MD)									
- plan hits target center	0.00	0.00	10,695.00	4,397.01	453.59	519,832.711	802,905.687	32° 25' 34.442299 N	103° 29' 8.162005 W
- Point									
Red Stag 5-32 B2PA Fed Com 1H 5 (P3.1=16000 MD)									
- plan hits target center	0.00	0.00	10,707.00	4,896.80	450.62	520,332.501	802,902.715	32° 25' 39.387779 N	103° 29' 8.150413 W
- Point									
Red Stag 5-32 B2PA Fed Com 1H 6 (P3.1=16500 MD)									
- plan hits target center	0.00	0.00	10,722.00	5,396.59	447.64	520,832.290	802,899.743	32° 25' 44.333258 N	103° 29' 8.138819 W
- Point									
Red Stag 5-32 B2PA Fed Com 1H 7 (P3.1=17000 MD)									
- plan hits target center	0.00	0.00	10,737.00	5,896.38	444.67	521,332.080	802,896.771	32° 25' 49.278736 N	103° 29' 8.127222 W
- Point									
B2PA BHL ()									
- plan hits target center	0.00	0.00	10,882.00	10,247.20	418.80	525,682.900	802,870.900	32° 26' 32.330590 N	103° 29' 8.026184 W
- Point									

HALLIBURTON

Mewbourne Oil Company
Lea County, NM (NAD83)

Plan Report for Red Stag 5-32 B2PA Fed Com 1H - Plan #4

Directional Difficulty Index

Average Dogleg over Survey:	0.51 °/100usft	Maximum Dogleg over Survey:	10.00 °/100usft at 10,953.27 usft
Net Tortosity applicable to Plans:	0.51 °/100usft	Directional Difficulty Index:	6.594

Audit Info

Mewbourne Oil Company

Lea County, NM (NAD83)

HALLIBURTON**North Reference Sheet for Sec 05-T22S-R34E - Red Stag 5-32 B2PA Fed Com 1H - Wellbore #1**

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.

Vertical Depths are relative to . @ 3632.00usft (597). Northing and Easting are relative to Red Stag 5-32 B2PA Fed Com 1H

Coordinate System is US State Plane 1983, New Mexico Eastern Zone using datum North American Datum 1983, ellipsoid GRS 1980

Projection method is Transverse Mercator (Gauss-Kruger)

Central Meridian is 104° 19' 60.000000 W°, Longitude Origin:0° 0' 0.000000 E°, Latitude Origin:0° 0' 0.000000 N°

False Easting: 541,337.500usft, False Northing: 0.000usft, Scale Reduction: 0.99998718

Grid Coordinates of Well: 515,435.700 usft N, 802,452.100 usft E

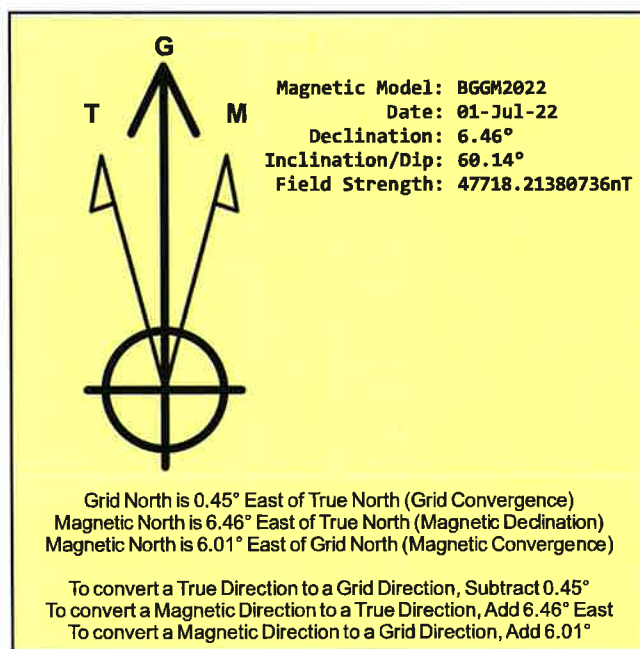
Geographical Coordinates of Well: 32° 24' 50.970885 N, 103° 29' 13.859897 W

Grid Convergence at Surface is: 0.45°

Based upon Minimum Curvature type calculations, at a Measured Depth of 21,352.76usft

the Bottom Hole Displacement is 10,255.75usft in the Direction of 2.34° (Grid).

Magnetic Convergence at surface is: -6.01° (1 July 2022, , BGGM2022)



Intent ☐ As Drilled ☒

API # 30-025-50331		
Operator Name: Mewbourne Oil Co.	Property Name: Red Stag 5/32 B2PA Fed Com	Well Number 1H

Kick Off Point (KOP)

UL A	Section 8	Township 22S	Range 34E	Lot	Feet 456	From N/S N	Feet 572	From E/W E	County Lea
Latitude 32.4122160					Longitude -103.4853470				NAD 83

First Take Point (FTP)

UL P	Section 5	Township 22S	Range 34E	Lot	Feet 125	From N/S S	Feet 707	From E/W E	County Lea
Latitude 32.4138149					Longitude -103.4857805				NAD 83

Last Take Point (LTP)

UL A	Section 32	Township 21S	Range 34E	Lot	Feet 108	From N/S N	Feet 663	From E/W E	County Lea
Latitude 32.4422933					Longitude -103.4855737				NAD 83

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

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

API # 30-025-50333		
Operator Name: Mewbourne Oil Company	Property Name: Red Stag 5/32 B3PA Fed Com	Well Number 1H

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

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-50331
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Red Stag 5/32 B2PA Fed Com
8. Well Number 1H
9. OGRID Number 14744
10. Pool name or Wildcat [28432] Grama Ridge; Bone Spring

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 P : 250 feet from the South line and 1140 feet from the East line
Section 5 Township 22S Range 34E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3604' GL

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.

02/26/2023-Perf & Frac 1-52 stages from 11017'-21355'. Frac horizontal Bone Spring w/20554380 gals FW slickwater, carrying 20684660# local 100 mesh sand.

Drill out frac plugs to PBTD @ 21393'.

03/07/2023
PWOL.

FORMATION TOPS: Rustler 1780', T Salt 2280', B Salt 3740', Delaware 5280', Manzanita Marker 6080', Bone Spring 8630', 1st Bone Spring 9680'. Yates 3980, Capitan 4270, Delaware 5280, Cherry Canyon 5920

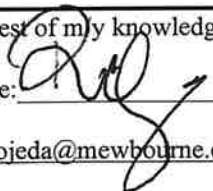
Spud Date: 07/30/2022

Rig Release Date: 09/01/2022

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

Printed name: Ruby Ojeda

Title: Regulatory

Signature: 

Date: 04/18/2023

Phone: 575-393-5905

Email: rojeda@mewbourne.com

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

INSTRUCTIONS

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

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

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

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

Released to Imaging: 6/13/2023 3:33:32 PM

Spud Date: 7/30/2022
 TD Date: 8/29/2022
 Rig Release: 9/1/2022
 Frac Complete: 2/26/2023
 Drill-out Complete: 3/2/2023
 Prod Date: 3/7/2023
 GL: 3604

Mewbourne Oil Company
 Well Name: Red Stag 5/32 B2PA Fed Com #1H
 API: 30-025-50331 Property Code: 333059 Les Co., NM
 Pools: 28432-GRAMA RIDGE; BONE SPRINGS, WEST 320.0 Acre Spacing
 Updated by: Josh Wagner

Formation Tops	
Formation	Depth
Rusler	1780'
Salt Top	2280'
Salt Base	3740'
Yates	3950'
Capitan	4230'
Delaware (Lamar)	5280'
Cherry Canyon	5920'
Mazenda Marker	6080'
Basal Brushy Canyon	8410'
Hotze Spring	8630'
1st Bone Spring Sand	9680'
2nd Bone Spring Sand	10280'

Surface
 17 1/2" x 13.375" 54.5# J55 STC
 Set @ 1901'
 Cmt w/ 1350 sx
 Circ. 580 sx to pit
 Lead TOC: Surface
 Tail TOC: 1518'

Intermediate
 12 1/4" x 9.625" 40# HCL80 LTC
 Set @ 5430'
 Cmt w/ 1400 sx
 Circ. 150 sx to pit
 Lead TOC: Surface
 Tail TOC: 3657'
 DV Tool @ 4003'

Production
 8 3/4" x 7" 29# HCP110 BT&C
 Set @ 10020'
 Cmt w/ 850 sx
 Circ. 164 sx to pit
 Lead TOC: Surface
 Tail TOC: 6880'

Liner
 6 1/8" x 4.5" 13.5# P110IC TSH Wedge 461
 Set @ 9822' - 21411'
 TOC @ 9822'
 Cmt w/ 1000 sx

KOP @ 10104'
 Dev @ KOP: 0.3873099968471527°

TVD @ 10870'
 TD 6 1/8" hole @ 21413'
 PBTB: 21393'
 Peris: 11017' - 21355', 0.39, 1872

Frac horizontal Bone Spring w/20554380 gals FW slickwater, carrying 20684660# local 100 mesh sand.

	MD	TVD	Lat	Long	Footage	Section	Town/Rng	Lease	Prod / Lease	Qtr
SHL	0	0	32.4141587	-103.4871833	250'	FSL 1140'	FEL 5	22S/34E	NMNM114989	Yes SESE
KOP	10,104	10,051	32.4122160	-103.4853470	450'	FNL 572'	FEL 8	22S/34E	State	No NENE
FTP	11,017	10,576	32.4138149	-103.4857805	125'	FSL 707'	FEL 5	22S/34E	NMNM114989	Yes SESE
PPP2	16,213	10,703	32.4280755	-103.4855834	0'	FSL 669'	FEL 32	21S/34E	State	Yes SESE
LTP	21,390	10,869	32.4422933	-103.4855737	108'	FNL 663'	FEL 32	21S/34E	State	Yes NENE
BHL	21,413	10,870	32.4423565	-103.4855737	85'	FNL 663'	FEL 32	21S/34E	State	Yes NENE

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 209379

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 209379
	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 209379

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 209379
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days to NMOCD after BLM approval.	6/13/2023