

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 88241		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date NW/ 03/07/2023
⁴ API Number 30-025-50333	⁵ Pool Name Grama Ridge; Bone Spring	⁶ Pool Code 28432
⁷ Property Code 333063	⁸ Property Name Red Stag 5/32 B3PA Fed Com	⁹ Well Number 1H

II. ¹⁰ Surface Location

UL or lot no. P	Section 5	Township 22S	Range 34E	Lot Idn	Feet from the 250	North/South Line South	Feet from the 1160	East/West line East	County Lea
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¹¹ Bottom Hole Location

UL or lot no. A	Section 32	Township 21S	Range 34E	Lot Idn	Feet from the 91	North/South line North	Feet from the 661	East/West line East	County 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

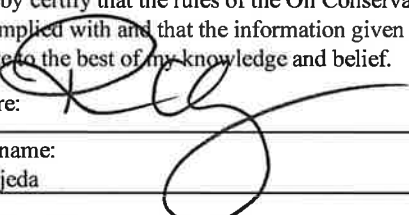
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
35246	Shell Trading US Co. PO Box 4604 Houston, TX 77210-4604	O
327139	Sendero Midstream 1000 Louisiana Street, Suite 6900 Houston, TX 77002	G

IV. Well Completion Data

²¹ Spud Date 11/06/2022	²² Ready Date 03/07/2023	²³ TD 22300' MD	²⁴ PBSD 22294'	²⁵ Perforations 11915'-22273'	²⁶ DHC, MC NA
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8" 54.5# J55	1905'	1100		
12 1/4"	9 5/8 40# HCL80	5401'	2700		
8 3/4"	7" 29# HCIP110	10933'	925		
6 1/8"	4 1/2" 13.5# P110IC	10713'-22300'	950		

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 3440
³⁷ Choke Size 26 /64"	³⁸ Oil 421	³⁹ Water 844	⁴⁰ Gas 324		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: Ruby Ojeda	Approved by: PATRICIA MARTINEZ
Title: Regulatory	Title: PETROLEUM SPECIALIST
E-mail Address: rojeda@mewbourne.com	Approval Date: 6/13/2023
Date: 04/20/2023	
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 30-025-50333	² Pool Code 28432	³ Pool Name GRAMA RIDGE; BONE SPRINGS, WEST
⁴ Property Code 333063	⁵ Property Name RED STAG 5/32 B3PA 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	1160	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		91	NORTH	661	EAST	LEA

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.

16 <u>GEODETIC DATA</u> NAD 83 GRID - NM EAST <u>SURFACE LOCATION (SL)</u> N: 515435.6 - E: 802432.1 LAT: 32.4141588° N LONG: 103.4872481° W <u>KICK OFF POINT (KOP)</u> 466' FNL - 641' FEL (SEC. 8) N: 514723.6 - E: 802954.7 LAT: 32.4121905° N LONG: 103.4855730° W <u>FIRST TAKE POINT (FTP)</u> 125' FSL - 667' FEL (SEC. 5) N: 515314.2 - E: 802926.2 LAT: 32.4138142° N LONG: 103.4856504° W <u>LAST TAKE POINT (LTP)</u> 118' FNL - 661' FEL (SEC. 32) N: 525664.9 - E: 802870.5 LAT: 32.4422645° N LONG: 103.4855648° W <u>BOTTOM HOLE (BH)</u> N: 525691.8 - E: 802869.9 LAT: 32.4423386° N LONG: 103.4855659° W <u>GEODETIC DATA</u> 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 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. 12/10/2022 Date of Survey ROBERT M. HOWETT Signature and Seal of Professional Surveyor 19680 Certificate Number
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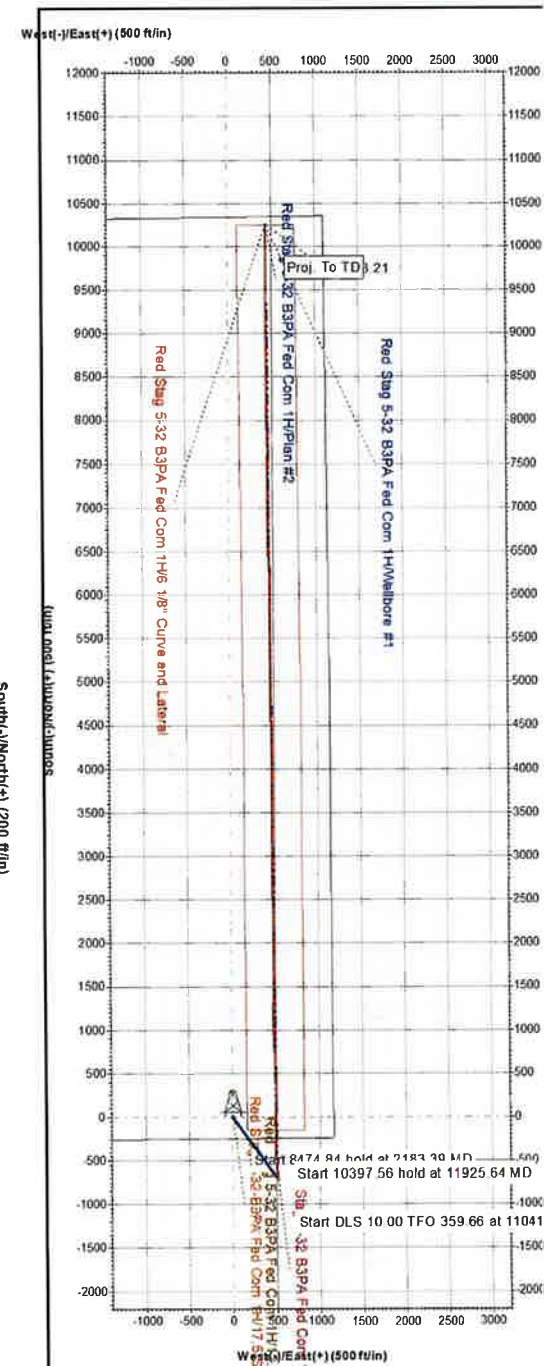
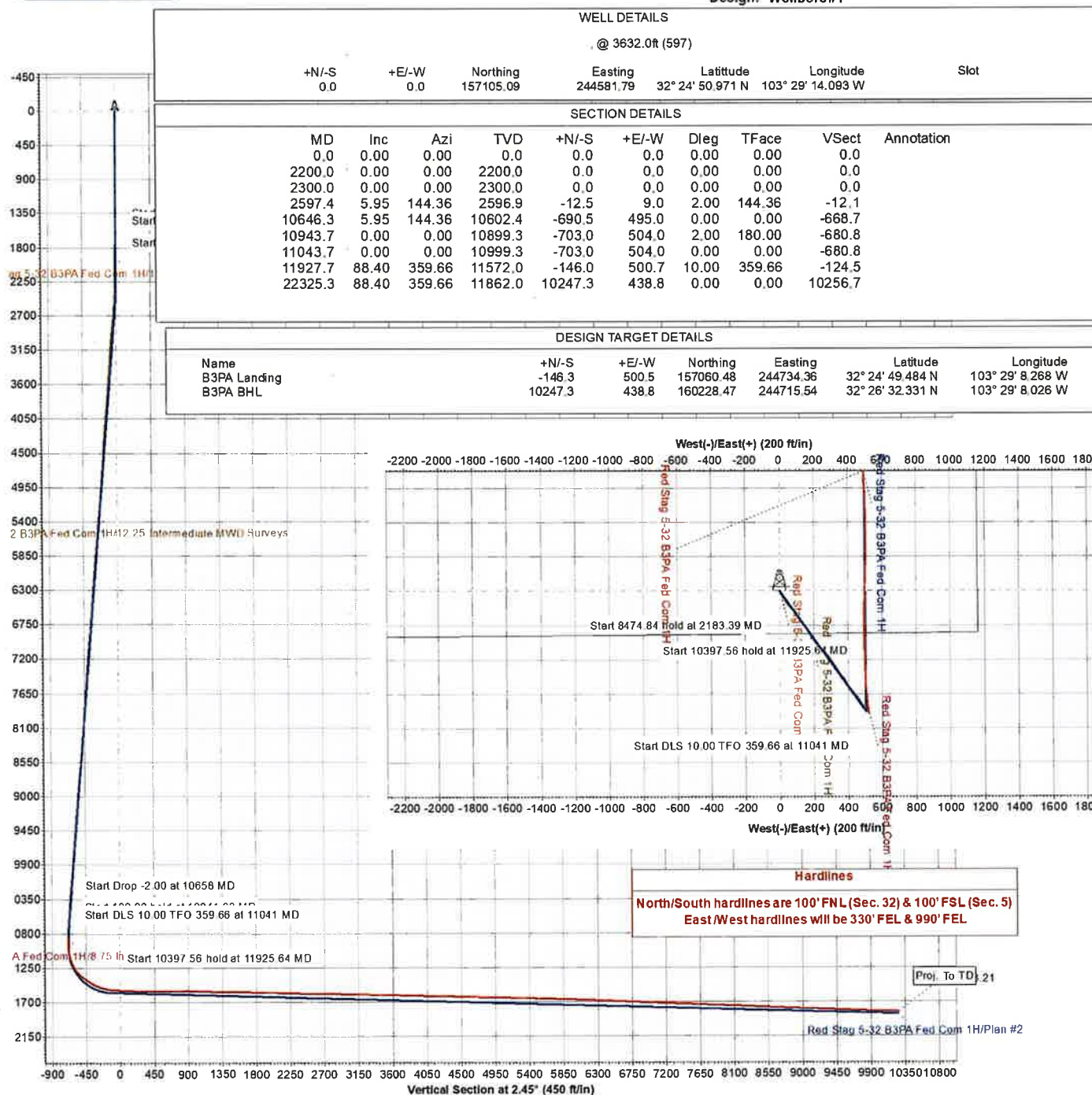
LS21090990AD



Project: Lea County, NM (NAD83)
 Site: Sec 05-T22S-R34E
 Well: Red Stag 5-32 B3PA Fed Com 1H
 Error creating XSL parser for script.
 Wellbore is incorrect.
 Design: Wellbore #1

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

North Arrow
 Azimuths to Grid No
 True North: 0.4
 Magnetic North: 6.1
 Magnetic Fl
 Strength: 47718.2
 Dip Angle: 60.1
 Date: 7/1/20
 Model: BGM2C



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

Proj. To TD 21



Plan Report for Red Stag 5-32 B3PA Fed Com 1H - Plan #2

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	515,435.600	802,432.100	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
1,300.00	0.00	0.00	1,300.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
1,400.00	0.00	0.00	1,400.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
1,500.00	0.00	0.00	1,500.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
1,600.00	0.00	0.00	1,600.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
1,700.00	0.00	0.00	1,700.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
1,780.00	0.00	0.00	1,780.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	Rustler
1,800.00	0.00	0.00	1,800.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	Start 100.00 hold at 1800.00 MD
1,900.00	0.00	0.00	1,900.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	Start Build 2.00 at 1900 MD
2,000.00	0.00	0.00	2,000.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
2,100.00	0.00	0.00	2,100.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
2,183.39	0.00	0.00	2,183.39	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	Start 8474.84 hold at 2183.39 MD
2,200.00	0.00	0.00	2,200.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
2,280.00	0.00	0.00	2,280.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	Salt Top
2,300.00	0.00	0.00	2,300.00	0.00 N	0.00 E	515,435.600	802,432.100	0.00	0.00	0.00	
2,400.00	2.00	144.36	2,399.98	1.42 S	1.02 E	515,434.182	802,433.117	2.00	-1.37	144.36	
2,500.00	4.00	144.36	2,499.84	5.67 S	4.07 E	515,429.928	802,436.166	2.00	-5.49	0.00	
2,597.43	5.95	144.36	2,596.90	12.54 S	8.99 E	515,423.063	802,441.088	2.00	-12.14	0.00	
2,600.00	5.95	144.36	2,599.45	12.75 S	9.14 E	515,422.846	802,441.243	0.00	-12.35	0.00	
2,700.00	5.95	144.36	2,698.91	21.18 S	15.18 E	515,414.424	802,447.282	0.00	-20.51	0.00	
2,800.00	5.95	144.36	2,798.38	29.60 S	21.22 E	515,406.001	802,453.320	0.00	-28.66	0.00	
2,900.00	5.95	144.36	2,897.84	38.02 S	27.26 E	515,397.578	802,459.359	0.00	-36.82	0.00	
3,000.00	5.95	144.36	2,997.30	46.44 S	33.30 E	515,389.156	802,465.397	0.00	-44.98	0.00	
3,100.00	5.95	144.36	3,096.76	54.87 S	39.34 E	515,380.733	802,471.436	0.00	-53.13	0.00	



Plan Report for Red Stag 5-32 B3PA Fed Com 1H - Plan #2

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)				
3,200.00	5.95	144.36	3,196.22	63.29 S	45.37 E	515,372.310	802,477.474	0.00	-61.29	0.00	
3,300.00	5.95	144.36	3,295.68	71.71 S	51.41 E	515,363.888	802,483.512	0.00	-69.45	0.00	
3,400.00	5.95	144.36	3,395.14	80.13 S	57.45 E	515,355.465	802,489.551	0.00	-77.60	0.00	
3,500.00	5.95	144.36	3,494.61	88.56 S	63.49 E	515,347.042	802,495.589	0.00	-85.76	0.00	
3,600.00	5.95	144.36	3,594.07	96.98 S	69.53 E	515,338.620	802,501.628	0.00	-93.92	0.00	
3,700.00	5.95	144.36	3,693.53	105.40 S	75.57 E	515,330.197	802,507.666	0.00	-102.07	0.00	
3,746.72	5.95	144.36	3,740.00	109.34 S	78.39 E	515,326.262	802,510.488	0.00	-105.88	0.00	Salt Base
3,800.00	5.95	144.36	3,792.99	113.83 S	81.60 E	515,321.774	802,513.705	0.00	-110.23	0.00	
3,900.00	5.95	144.36	3,892.45	122.25 S	87.64 E	515,313.352	802,519.743	0.00	-118.39	0.00	
3,988.02	5.95	144.36	3,980.00	129.66 S	92.96 E	515,305.938	802,525.058	0.00	-125.57	0.00	Yates
4,000.00	5.95	144.36	3,991.91	130.67 S	93.68 E	515,304.929	802,525.782	0.00	-126.54	0.00	
4,100.00	5.95	144.36	4,091.38	139.09 S	99.72 E	515,296.506	802,531.820	0.00	-134.70	0.00	
4,200.00	5.95	144.36	4,190.84	147.52 S	105.76 E	515,288.084	802,537.859	0.00	-142.86	0.00	
4,279.59	5.95	144.36	4,270.00	154.22 S	110.56 E	515,281.380	802,542.665	0.00	-149.35	0.00	Capitan
4,300.00	5.95	144.36	4,290.30	155.94 S	111.80 E	515,279.661	802,543.897	0.00	-151.01	0.00	
4,400.00	5.95	144.36	4,389.76	164.36 S	117.84 E	515,271.238	802,549.935	0.00	-159.17	0.00	
4,500.00	5.95	144.36	4,489.22	172.78 S	123.87 E	515,262.816	802,555.974	0.00	-167.33	0.00	
4,600.00	5.95	144.36	4,588.68	181.21 S	129.91 E	515,254.393	802,562.012	0.00	-175.48	0.00	
4,700.00	5.95	144.36	4,688.14	189.63 S	135.95 E	515,245.970	802,568.051	0.00	-183.64	0.00	
4,800.00	5.95	144.36	4,787.61	198.05 S	141.99 E	515,237.548	802,574.089	0.00	-191.80	0.00	
4,900.00	5.95	144.36	4,887.07	206.48 S	148.03 E	515,229.125	802,580.128	0.00	-199.95	0.00	
5,000.00	5.95	144.36	4,986.53	214.90 S	154.07 E	515,220.702	802,586.166	0.00	-208.11	0.00	
5,100.00	5.95	144.36	5,085.99	223.32 S	160.10 E	515,212.280	802,592.205	0.00	-216.27	0.00	
5,200.00	5.95	144.36	5,185.45	231.74 S	166.14 E	515,203.857	802,598.243	0.00	-224.42	0.00	
5,295.06	5.95	144.36	5,280.00	239.75 S	171.88 E	515,195.850	802,603.983	0.00	-232.18	0.00	"Delaware (Lamar)
5,300.00	5.95	144.36	5,284.91	240.17 S	172.18 E	515,195.434	802,604.281	0.00	-232.58	0.00	
5,400.00	5.95	144.36	5,384.37	248.59 S	178.22 E	515,187.012	802,610.320	0.00	-240.74	0.00	
5,500.00	5.95	144.36	5,483.84	257.01 S	184.26 E	515,178.589	802,616.358	0.00	-248.89	0.00	
5,600.00	5.95	144.36	5,583.30	265.43 S	190.30 E	515,170.166	802,622.397	0.00	-257.05	0.00	
5,700.00	5.95	144.36	5,682.76	273.86 S	196.34 E	515,161.744	802,628.435	0.00	-265.21	0.00	
5,800.00	5.95	144.36	5,782.22	282.28 S	202.37 E	515,153.321	802,634.474	0.00	-273.36	0.00	
5,900.00	5.95	144.36	5,881.68	290.70 S	208.41 E	515,144.898	802,640.512	0.00	-281.52	0.00	
5,938.52	5.95	144.36	5,920.00	293.95 S	210.74 E	515,141.653	802,642.838	0.00	-284.66	0.00	Cherry Canyon
6,000.00	5.95	144.36	5,981.14	299.12 S	214.45 E	515,136.476	802,646.551	0.00	-289.68	0.00	
6,099.39	5.95	144.36	6,080.00	307.50 S	220.45 E	515,128.104	802,652.552	0.00	-297.78	0.00	Manzanita Marker
6,100.00	5.95	144.36	6,080.61	307.55 S	220.49 E	515,128.053	802,652.589	0.00	-297.83	0.00	
6,200.00	5.95	144.36	6,180.07	315.97 S	226.53 E	515,119.630	802,658.627	0.00	-305.99	0.00	



Plan Report for Red Stag 5-32 B3PA Fed Com 1H - Plan #2

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)				
6,300.00	5.95	144.36	6,279.53	324.39 S	232.57 E	515,111.207	802,664.666	0.00	-314.15	0.00	
6,400.00	5.95	144.36	6,378.99	332.82 S	238.60 E	515,102.785	802,670.704	0.00	-322.30	0.00	
6,500.00	5.95	144.36	6,478.45	341.24 S	244.64 E	515,094.362	802,676.743	0.00	-330.46	0.00	
6,600.00	5.95	144.36	6,577.91	349.66 S	250.68 E	515,085.939	802,682.781	0.00	-338.62	0.00	
6,700.00	5.95	144.36	6,677.37	358.08 S	256.72 E	515,077.517	802,688.820	0.00	-346.77	0.00	
6,800.00	5.95	144.36	6,776.84	366.51 S	262.76 E	515,069.094	802,694.858	0.00	-354.93	0.00	
6,900.00	5.95	144.36	6,876.30	374.93 S	268.80 E	515,060.671	802,700.897	0.00	-363.09	0.00	
7,000.00	5.95	144.36	6,975.76	383.35 S	274.84 E	515,052.249	802,706.935	0.00	-371.24	0.00	
7,100.00	5.95	144.36	7,075.22	391.77 S	280.87 E	515,043.826	802,712.973	0.00	-379.40	0.00	
7,200.00	5.95	144.36	7,174.68	400.20 S	286.91 E	515,035.403	802,719.012	0.00	-387.56	0.00	
7,300.00	5.95	144.36	7,274.14	408.62 S	292.95 E	515,026.981	802,725.050	0.00	-395.71	0.00	
7,400.00	5.95	144.36	7,373.61	417.04 S	298.99 E	515,018.558	802,731.089	0.00	-403.87	0.00	
7,500.00	5.95	144.36	7,473.07	425.46 S	305.03 E	515,010.135	802,737.127	0.00	-412.03	0.00	
7,600.00	5.95	144.36	7,572.53	433.89 S	311.07 E	515,001.713	802,743.166	0.00	-420.18	0.00	
7,700.00	5.95	144.36	7,671.99	442.31 S	317.10 E	514,993.290	802,749.204	0.00	-428.34	0.00	
7,800.00	5.95	144.36	7,771.45	450.73 S	323.14 E	514,984.867	802,755.243	0.00	-436.50	0.00	
7,900.00	5.95	144.36	7,870.91	459.16 S	329.18 E	514,976.445	802,761.281	0.00	-444.65	0.00	
8,000.00	5.95	144.36	7,970.37	467.58 S	335.22 E	514,968.022	802,767.320	0.00	-452.81	0.00	
8,100.00	5.95	144.36	8,069.84	476.00 S	341.26 E	514,959.599	802,773.358	0.00	-460.97	0.00	
8,200.00	5.95	144.36	8,169.30	484.42 S	347.30 E	514,951.177	802,779.396	0.00	-469.12	0.00	
8,300.00	5.95	144.36	8,268.76	492.85 S	353.33 E	514,942.754	802,785.435	0.00	-477.28	0.00	
8,400.00	5.95	144.36	8,368.22	501.27 S	359.37 E	514,934.331	802,791.473	0.00	-485.44	0.00	
8,442.01	5.95	144.36	8,410.00	504.81 S	361.91 E	514,930.793	802,794.010	0.00	-488.86	0.00	Basal Brushy Canyon
8,500.00	5.95	144.36	8,467.68	509.69 S	365.41 E	514,925.909	802,797.512	0.00	-493.59	0.00	
8,600.00	5.95	144.36	8,567.14	518.11 S	371.45 E	514,917.486	802,803.550	0.00	-501.75	0.00	
8,663.20	5.95	144.36	8,630.00	523.44 S	375.27 E	514,912.163	802,807.366	0.00	-506.90	0.00	Bone Spring
8,700.00	5.95	144.36	8,666.61	526.54 S	377.49 E	514,909.063	802,809.589	0.00	-509.90	0.00	
8,800.00	5.95	144.36	8,766.07	534.96 S	383.53 E	514,900.641	802,815.627	0.00	-518.06	0.00	
8,900.00	5.95	144.36	8,865.53	543.38 S	389.57 E	514,892.218	802,821.666	0.00	-526.22	0.00	
9,000.00	5.95	144.36	8,964.99	551.80 S	395.60 E	514,883.795	802,827.704	0.00	-534.37	0.00	
9,100.00	5.95	144.36	9,064.45	560.23 S	401.64 E	514,875.373	802,833.742	0.00	-542.53	0.00	
9,200.00	5.95	144.36	9,163.91	568.65 S	407.68 E	514,866.950	802,839.781	0.00	-550.69	0.00	
9,300.00	5.95	144.36	9,263.37	577.07 S	413.72 E	514,858.527	802,845.819	0.00	-558.84	0.00	
9,400.00	5.95	144.36	9,362.84	585.50 S	419.76 E	514,850.105	802,851.858	0.00	-567.00	0.00	
9,500.00	5.95	144.36	9,462.30	593.92 S	425.80 E	514,841.682	802,857.896	0.00	-575.16	0.00	
9,600.00	5.95	144.36	9,561.76	602.34 S	431.83 E	514,833.259	802,863.935	0.00	-583.31	0.00	
9,700.00	5.95	144.36	9,661.22	610.76 S	437.87 E	514,824.837	802,869.973	0.00	-591.47	0.00	



Plan Report for Red Stag 5-32 B3PA Fed Com 1H - Plan #2

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)				
9,718.88	5.95	144.36	9,680.00	612.35 S	439.01 E	514,823.246	802,871.113	0.00	-593.01	0.00	1st Bone Spring Sand
9,800.00	5.95	144.36	9,760.68	619.19 S	443.91 E	514,816.414	802,876.012	0.00	-599.63	0.00	
9,900.00	5.95	144.36	9,860.14	627.61 S	449.95 E	514,807.991	802,882.050	0.00	-607.78	0.00	
10,000.00	5.95	144.36	9,959.61	636.03 S	455.99 E	514,799.568	802,888.088	0.00	-615.94	0.00	
10,100.00	5.95	144.36	10,059.07	644.45 S	462.03 E	514,791.146	802,894.127	0.00	-624.10	0.00	
10,200.00	5.95	144.36	10,158.53	652.88 S	468.07 E	514,782.723	802,900.165	0.00	-632.25	0.00	
10,300.00	5.95	144.36	10,257.99	661.30 S	474.10 E	514,774.300	802,906.204	0.00	-640.41	0.00	
10,322.13	5.95	144.36	10,280.00	663.16 S	475.44 E	514,772.437	802,907.540	0.00	-642.22	0.00	2nd Bone Spring Sand
10,400.00	5.95	144.36	10,357.45	669.72 S	480.14 E	514,765.878	802,912.242	0.00	-648.57	0.00	
10,500.00	5.95	144.36	10,456.91	678.14 S	486.18 E	514,757.455	802,918.281	0.00	-656.72	0.00	
10,600.00	5.95	144.36	10,556.37	686.57 S	492.22 E	514,749.032	802,924.319	0.00	-664.88	0.00	
10,646.25	5.95	144.36	10,602.37	690.46 S	495.01 E	514,745.137	802,927.112	0.00	-668.65	0.00	
10,658.23	5.71	144.36	10,614.30	691.45 S	495.72 E	514,744.148	802,927.821	2.00	-669.61	180.00	Start Drop -2.00 at 10658 MD
10,700.00	4.87	144.36	10,655.89	694.58 S	497.97 E	514,741.018	802,930.065	2.00	-672.64	-180.00	
10,800.00	2.87	144.36	10,755.65	700.07 S	501.90 E	514,735.528	802,934.001	2.00	-677.96	180.00	
10,900.00	0.87	144.36	10,855.59	702.73 S	503.81 E	514,732.871	802,935.906	2.00	-680.53	180.00	
10,941.63	0.04	144.36	10,897.22	703.00 S	504.00 E	514,732.601	802,936.100	2.00	-680.79	180.00	Start 100.00 hold at 10941.63 MD
10,943.68	0.00	0.00	10,899.27	703.00 S	504.00 E	514,732.600	802,936.100	2.00	-680.79	-180.00	
11,000.00	0.00	0.00	10,955.59	703.00 S	504.00 E	514,732.600	802,936.100	0.00	-680.79	0.00	
11,041.63	0.00	0.00	10,997.22	703.00 S	504.00 E	514,732.600	802,936.100	0.00	-680.79	0.00	Start DLS 10.00 TFO 359.66 at 11041 MD
11,043.68	0.00	0.00	10,999.27	703.00 S	504.00 E	514,732.600	802,936.100	0.00	-680.79	0.00	
11,050.00	0.63	359.66	11,005.59	702.97 S	504.00 E	514,732.635	802,936.100	10.00	-680.76	359.66	
11,100.00	5.63	359.66	11,055.50	700.23 S	503.98 E	514,735.366	802,936.084	10.00	-678.03	0.00	
11,150.00	10.63	359.66	11,104.98	693.16 S	503.94 E	514,742.436	802,936.041	10.00	-670.97	0.00	
11,200.00	15.63	359.66	11,153.66	681.81 S	503.87 E	514,753.792	802,935.974	10.00	-659.63	0.00	
11,250.00	20.63	359.66	11,201.16	666.25 S	503.78 E	514,769.348	802,935.881	10.00	-644.09	0.00	
11,292.12	24.84	359.66	11,240.00	649.98 S	503.68 E	514,785.624	802,935.784	10.00	-627.83	0.00	3rd Bone Spring Sand
11,300.00	25.63	359.66	11,247.13	646.62 S	503.66 E	514,788.984	802,935.764	10.00	-624.48	0.00	
11,350.00	30.63	359.66	11,291.21	623.05 S	503.52 E	514,812.551	802,935.624	10.00	-600.94	0.00	
11,400.00	35.63	359.66	11,333.06	595.73 S	503.36 E	514,839.871	802,935.461	10.00	-573.65	0.00	
11,450.00	40.63	359.66	11,372.38	564.87 S	503.18 E	514,870.734	802,935.278	10.00	-542.82	0.00	
11,500.00	45.63	359.66	11,408.86	530.69 S	502.97 E	514,904.907	802,935.074	10.00	-508.69	0.00	
11,550.00	50.63	359.66	11,442.22	493.47 S	502.75 E	514,942.129	802,934.852	10.00	-471.51	0.00	
11,600.00	55.63	359.66	11,472.21	453.48 S	502.51 E	514,982.116	802,934.614	10.00	-431.57	0.00	
11,650.00	60.63	359.66	11,498.60	411.03 S	502.26 E	515,024.565	802,934.362	10.00	-389.17	0.00	
11,700.00	65.63	359.66	11,521.19	366.45 S	502.00 E	515,069.153	802,934.096	10.00	-344.64	0.00	

HALLIBURTON**Mewbourne Oil Company**

Lea County, NM (NAD83)

Plan Report for Red Stag 5-32 B3PA Fed Com 1H - Plan #2

Measured		Grid	Vertical	Local Coordinates		Map Coordinates		Dogleg	Vertical	Toolface	
Depth	Inclination	Azimuth	Depth	Northing	Easting	Northing	Easting	Rate	Section	Angle	Comments
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)	(°/100usft)	(usft)	(°)	
11,750.00	70.63	359.66	11,539.80	320.06 S	501.72 E	515,115.540	802,933.820	10.00	-298.30	0.00	
11,800.00	75.63	359.66	11,554.31	272.23 S	501.44 E	515,163.373	802,933.535	10.00	-250.53	0.00	
11,850.00	80.63	359.66	11,564.59	223.31 S	501.14 E	515,212.287	802,933.244	10.00	-201.67	0.00	
11,900.00	85.63	359.66	11,570.56	173.69 S	500.85 E	515,261.912	802,932.948	10.00	-152.10	0.00	
11,925.64	88.20	359.66	11,571.94	148.08 S	500.70 E	515,287.516	802,932.796	10.00	-126.53	0.00	Start 10397.56 hold at 11925.64 MD
11,927.70	88.40	359.66	11,572.00	146.03 S	500.68 E	515,289.568	802,932.784	10.00	-124.48	0.00	
12,000.00	88.40	359.66	11,574.02	73.76 S	500.25 E	515,361.842	802,932.353	0.00	-52.29	0.00	
12,100.00	88.40	359.66	11,576.81	26.20 N	499.66 E	515,461.801	802,931.758	0.00	47.55	0.00	
12,200.00	88.40	359.66	11,579.60	126.16 N	499.06 E	515,561.761	802,931.163	0.00	147.40	0.00	
12,300.00	88.40	359.66	11,582.39	226.12 N	498.47 E	515,661.720	802,930.568	0.00	247.24	0.00	
12,400.00	88.40	359.66	11,585.18	326.08 N	497.87 E	515,761.679	802,929.973	0.00	347.08	0.00	
12,500.00	88.40	359.66	11,587.97	426.04 N	497.28 E	515,861.639	802,929.378	0.00	446.92	0.00	
12,600.00	88.40	359.66	11,590.76	526.00 N	496.68 E	515,961.598	802,928.782	0.00	546.77	0.00	
12,700.00	88.40	359.66	11,593.54	625.96 N	496.09 E	516,061.557	802,928.187	0.00	646.61	0.00	
12,800.00	88.40	359.66	11,596.33	725.92 N	495.49 E	516,161.516	802,927.592	0.00	746.45	0.00	
12,900.00	88.40	359.66	11,599.12	825.88 N	494.90 E	516,261.476	802,926.997	0.00	846.29	0.00	
13,000.00	88.40	359.66	11,601.91	925.84 N	494.30 E	516,361.435	802,926.402	0.00	946.13	0.00	
13,100.00	88.40	359.66	11,604.70	1,025.79 N	493.71 E	516,461.394	802,925.806	0.00	1,045.98	0.00	
13,200.00	88.40	359.66	11,607.49	1,125.75 N	493.11 E	516,561.354	802,925.211	0.00	1,145.82	0.00	
13,300.00	88.40	359.66	11,610.28	1,225.71 N	492.52 E	516,661.313	802,924.616	0.00	1,245.66	0.00	
13,400.00	88.40	359.66	11,613.07	1,325.67 N	491.92 E	516,761.272	802,924.021	0.00	1,345.50	0.00	
13,500.00	88.40	359.66	11,615.86	1,425.63 N	491.33 E	516,861.232	802,923.426	0.00	1,445.35	0.00	
13,600.00	88.40	359.66	11,618.65	1,525.59 N	490.73 E	516,961.191	802,922.831	0.00	1,545.19	0.00	
13,700.00	88.40	359.66	11,621.44	1,625.55 N	490.14 E	517,061.150	802,922.235	0.00	1,645.03	0.00	
13,800.00	88.40	359.66	11,624.22	1,725.51 N	489.54 E	517,161.110	802,921.640	0.00	1,744.87	0.00	
13,900.00	88.40	359.66	11,627.01	1,825.47 N	488.95 E	517,261.069	802,921.045	0.00	1,844.72	0.00	
14,000.00	88.40	359.66	11,629.80	1,925.43 N	488.35 E	517,361.028	802,920.450	0.00	1,944.56	0.00	
14,100.00	88.40	359.66	11,632.59	2,025.39 N	487.75 E	517,460.988	802,919.855	0.00	2,044.40	0.00	
14,200.00	88.40	359.66	11,635.38	2,125.35 N	487.16 E	517,560.947	802,919.260	0.00	2,144.24	0.00	
14,300.00	88.40	359.66	11,638.17	2,225.31 N	486.56 E	517,660.906	802,918.664	0.00	2,244.09	0.00	
14,400.00	88.40	359.66	11,640.96	2,325.27 N	485.97 E	517,760.866	802,918.069	0.00	2,343.93	0.00	
14,500.00	88.40	359.66	11,643.75	2,425.23 N	485.37 E	517,860.825	802,917.474	0.00	2,443.77	0.00	
14,600.00	88.40	359.66	11,646.54	2,525.18 N	484.78 E	517,960.784	802,916.879	0.00	2,543.61	0.00	
14,700.00	88.40	359.66	11,649.33	2,625.14 N	484.18 E	518,060.744	802,916.284	0.00	2,643.45	0.00	
14,800.00	88.40	359.66	11,652.12	2,725.10 N	483.59 E	518,160.703	802,915.688	0.00	2,743.30	0.00	
14,900.00	88.40	359.66	11,654.90	2,825.06 N	482.99 E	518,260.662	802,915.093	0.00	2,843.14	0.00	
15,000.00	88.40	359.66	11,657.69	2,925.02 N	482.40 E	518,360.622	802,914.498	0.00	2,942.98	0.00	

Plan Report for Red Stag 5-32 B3PA Fed Com 1H - Plan #2

Measured		Grid	Vertical	Local Coordinates		Map Coordinates		Dogleg	Vertical	Toolface	
Depth	Inclination	Azimuth	Depth	Northing	Easting	Northing	Easting	Rate	Section	Angle	Comments
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)	(°/100usft)	(usft)	(°)	
15,100.00	88.40	359.66	11,660.48	3,024.98 N	481.80 E	518,460.581	802,913.903	0.00	3,042.82	0.00	
15,200.00	88.40	359.66	11,663.27	3,124.94 N	481.21 E	518,560.540	802,913.308	0.00	3,142.67	0.00	
15,300.00	88.40	359.66	11,666.06	3,224.90 N	480.61 E	518,660.500	802,912.713	0.00	3,242.51	0.00	
15,400.00	88.40	359.66	11,668.85	3,324.86 N	480.02 E	518,760.459	802,912.117	0.00	3,342.35	0.00	
15,500.00	88.40	359.66	11,671.64	3,424.82 N	479.42 E	518,860.418	802,911.522	0.00	3,442.19	0.00	
15,600.00	88.40	359.66	11,674.43	3,524.78 N	478.83 E	518,960.378	802,910.927	0.00	3,542.04	0.00	
15,700.00	88.40	359.66	11,677.22	3,624.74 N	478.23 E	519,060.337	802,910.332	0.00	3,641.88	0.00	
15,800.00	88.40	359.66	11,680.01	3,724.70 N	477.64 E	519,160.296	802,909.737	0.00	3,741.72	0.00	
15,900.00	88.40	359.66	11,682.80	3,824.66 N	477.04 E	519,260.256	802,909.142	0.00	3,841.56	0.00	
16,000.00	88.40	359.66	11,685.58	3,924.61 N	476.45 E	519,360.215	802,908.546	0.00	3,941.40	0.00	
16,100.00	88.40	359.66	11,688.37	4,024.57 N	475.85 E	519,460.174	802,907.951	0.00	4,041.25	0.00	
16,200.00	88.40	359.66	11,691.16	4,124.53 N	475.26 E	519,560.134	802,907.356	0.00	4,141.09	0.00	
16,300.00	88.40	359.66	11,693.95	4,224.49 N	474.66 E	519,660.093	802,906.761	0.00	4,240.93	0.00	
16,400.00	88.40	359.66	11,696.74	4,324.45 N	474.07 E	519,760.052	802,906.166	0.00	4,340.77	0.00	
16,500.00	88.40	359.66	11,699.53	4,424.41 N	473.47 E	519,860.012	802,905.570	0.00	4,440.62	0.00	
16,600.00	88.40	359.66	11,702.32	4,524.37 N	472.88 E	519,959.971	802,904.975	0.00	4,540.46	0.00	
16,700.00	88.40	359.66	11,705.11	4,624.33 N	472.28 E	520,059.930	802,904.380	0.00	4,640.30	0.00	
16,800.00	88.40	359.66	11,707.90	4,724.29 N	471.68 E	520,159.890	802,903.785	0.00	4,740.14	0.00	
16,900.00	88.40	359.66	11,710.69	4,824.25 N	471.09 E	520,259.849	802,903.190	0.00	4,839.99	0.00	
17,000.00	88.40	359.66	11,713.47	4,924.21 N	470.49 E	520,359.808	802,902.595	0.00	4,939.83	0.00	
17,100.00	88.40	359.66	11,716.26	5,024.17 N	469.90 E	520,459.768	802,901.999	0.00	5,039.67	0.00	
17,200.00	88.40	359.66	11,719.05	5,124.13 N	469.30 E	520,559.727	802,901.404	0.00	5,139.51	0.00	
17,300.00	88.40	359.66	11,721.84	5,224.09 N	468.71 E	520,659.686	802,900.809	0.00	5,239.36	0.00	
17,400.00	88.40	359.66	11,724.63	5,324.05 N	468.11 E	520,759.645	802,900.214	0.00	5,339.20	0.00	
17,500.00	88.40	359.66	11,727.42	5,424.00 N	467.52 E	520,859.605	802,899.619	0.00	5,439.04	0.00	
17,600.00	88.40	359.66	11,730.21	5,523.96 N	466.92 E	520,959.564	802,899.024	0.00	5,538.88	0.00	
17,700.00	88.40	359.66	11,733.00	5,623.92 N	466.33 E	521,059.523	802,898.428	0.00	5,638.72	0.00	
17,800.00	88.40	359.66	11,735.79	5,723.88 N	465.73 E	521,159.483	802,897.833	0.00	5,738.57	0.00	
17,900.00	88.40	359.66	11,738.58	5,823.84 N	465.14 E	521,259.442	802,897.238	0.00	5,838.41	0.00	
18,000.00	88.40	359.66	11,741.37	5,923.80 N	464.54 E	521,359.401	802,896.643	0.00	5,938.25	0.00	
18,100.00	88.40	359.66	11,744.15	6,023.76 N	463.95 E	521,459.361	802,896.048	0.00	6,038.09	0.00	
18,200.00	88.40	359.66	11,746.94	6,123.72 N	463.35 E	521,559.320	802,895.453	0.00	6,137.94	0.00	
18,300.00	88.40	359.66	11,749.73	6,223.68 N	462.76 E	521,659.279	802,894.857	0.00	6,237.78	0.00	
18,400.00	88.40	359.66	11,752.52	6,323.64 N	462.16 E	521,759.239	802,894.262	0.00	6,337.62	0.00	
18,500.00	88.40	359.66	11,755.31	6,423.60 N	461.57 E	521,859.198	802,893.667	0.00	6,437.46	0.00	
18,600.00	88.40	359.66	11,758.10	6,523.56 N	460.97 E	521,959.157	802,893.072	0.00	6,537.31	0.00	
18,700.00	88.40	359.66	11,760.89	6,623.52 N	460.38 E	522,059.117	802,892.477	0.00	6,637.15	0.00	

Plan Report for Red Stag 5-32 B3PA Fed Com 1H - Plan #2

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)				
18,800.00	88.40	359.66	11,763.68	6,723.48 N	459.78 E	522,159.076	802,891.881	0.00	6,736.99	0.00	
18,900.00	88.40	359.66	11,766.47	6,823.44 N	459.19 E	522,259.035	802,891.286	0.00	6,836.83	0.00	
19,000.00	88.40	359.66	11,769.26	6,923.39 N	458.59 E	522,358.995	802,890.691	0.00	6,936.68	0.00	
19,100.00	88.40	359.66	11,772.05	7,023.35 N	458.00 E	522,458.954	802,890.096	0.00	7,036.52	0.00	
19,200.00	88.40	359.66	11,774.83	7,123.31 N	457.40 E	522,558.913	802,889.501	0.00	7,136.36	0.00	
19,300.00	88.40	359.66	11,777.62	7,223.27 N	456.81 E	522,658.873	802,888.906	0.00	7,236.20	0.00	
19,400.00	88.40	359.66	11,780.41	7,323.23 N	456.21 E	522,758.832	802,888.310	0.00	7,336.04	0.00	
19,500.00	88.40	359.66	11,783.20	7,423.19 N	455.62 E	522,858.791	802,887.715	0.00	7,435.89	0.00	
19,600.00	88.40	359.66	11,785.99	7,523.15 N	455.02 E	522,958.751	802,887.120	0.00	7,535.73	0.00	
19,700.00	88.40	359.66	11,788.78	7,623.11 N	454.42 E	523,058.710	802,886.525	0.00	7,635.57	0.00	
19,800.00	88.40	359.66	11,791.57	7,723.07 N	453.83 E	523,158.669	802,885.930	0.00	7,735.41	0.00	
19,900.00	88.40	359.66	11,794.36	7,823.03 N	453.23 E	523,258.629	802,885.335	0.00	7,835.26	0.00	
20,000.00	88.40	359.66	11,797.15	7,922.99 N	452.64 E	523,358.588	802,884.739	0.00	7,935.10	0.00	
20,100.00	88.40	359.66	11,799.94	8,022.95 N	452.04 E	523,458.547	802,884.144	0.00	8,034.94	0.00	
20,200.00	88.40	359.66	11,802.73	8,122.91 N	451.45 E	523,558.507	802,883.549	0.00	8,134.78	0.00	
20,300.00	88.40	359.66	11,805.51	8,222.87 N	450.85 E	523,658.466	802,882.954	0.00	8,234.63	0.00	
20,400.00	88.40	359.66	11,808.30	8,322.83 N	450.26 E	523,758.425	802,882.359	0.00	8,334.47	0.00	
20,500.00	88.40	359.66	11,811.09	8,422.78 N	449.66 E	523,858.385	802,881.763	0.00	8,434.31	0.00	
20,600.00	88.40	359.66	11,813.88	8,522.74 N	449.07 E	523,958.344	802,881.168	0.00	8,534.15	0.00	
20,700.00	88.40	359.66	11,816.67	8,622.70 N	448.47 E	524,058.303	802,880.573	0.00	8,634.00	0.00	
20,800.00	88.40	359.66	11,819.46	8,722.66 N	447.88 E	524,158.263	802,879.978	0.00	8,733.84	0.00	
20,900.00	88.40	359.66	11,822.25	8,822.62 N	447.28 E	524,258.222	802,879.383	0.00	8,833.68	0.00	
21,000.00	88.40	359.66	11,825.04	8,922.58 N	446.69 E	524,358.181	802,878.788	0.00	8,933.52	0.00	
21,100.00	88.40	359.66	11,827.83	9,022.54 N	446.09 E	524,458.141	802,878.192	0.00	9,033.36	0.00	
21,200.00	88.40	359.66	11,830.62	9,122.50 N	445.50 E	524,558.100	802,877.597	0.00	9,133.21	0.00	
21,300.00	88.40	359.66	11,833.40	9,222.46 N	444.90 E	524,658.059	802,877.002	0.00	9,233.05	0.00	
21,400.00	88.40	359.66	11,836.19	9,322.42 N	444.31 E	524,758.019	802,876.407	0.00	9,332.89	0.00	
21,500.00	88.40	359.66	11,838.98	9,422.38 N	443.71 E	524,857.978	802,875.812	0.00	9,432.73	0.00	
21,600.00	88.40	359.66	11,841.77	9,522.34 N	443.12 E	524,957.937	802,875.217	0.00	9,532.58	0.00	
21,700.00	88.40	359.66	11,844.56	9,622.30 N	442.52 E	525,057.897	802,874.621	0.00	9,632.42	0.00	
21,800.00	88.40	359.66	11,847.35	9,722.26 N	441.93 E	525,157.856	802,874.026	0.00	9,732.26	0.00	
21,900.00	88.40	359.66	11,850.14	9,822.22 N	441.33 E	525,257.815	802,873.431	0.00	9,832.10	0.00	
22,000.00	88.40	359.66	11,852.93	9,922.17 N	440.74 E	525,357.774	802,872.836	0.00	9,931.95	0.00	
22,100.00	88.40	359.66	11,855.72	10,022.13 N	440.14 E	525,457.734	802,872.241	0.00	10,031.79	0.00	
22,200.00	88.40	359.66	11,858.51	10,122.09 N	439.55 E	525,557.693	802,871.646	0.00	10,131.63	0.00	
22,300.00	88.40	359.66	11,861.30	10,222.05 N	438.95 E	525,657.652	802,871.050	0.00	10,231.47	0.00	

Plan Report for Red Stag 5-32 B3PA Fed Com 1H - Plan #2

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)				
22,323.00	88.40	359.66	11,861.94	10,245.04 N	438.81 E	525,680.643	802,870.913	0.00	10,254.44	0.00	4 1/2" Casing
22,323.21	88.40	359.66	11,861.94	10,245.25 N	438.81 E	525,680.849	802,870.912	0.00	10,254.64	0.00	TD at 22323.21
22,325.26	88.40	359.66	11,862.00	10,247.30 N	438.80 E	525,682.900	802,870.900	0.00	10,256.69	0.00	

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,800.00	1,800.00	0.00	0.00	Start 100.00 hold at 1800.00 MD
1,900.00	1,900.00	0.00	0.00	Start Build 2.00 at 1900 MD
2,183.39	2,183.39	0.00	0.00	Start 8474.84 hold at 2183.39 MD
10,658.23	10,614.30	-691.45	495.72	Start Drop -2.00 at 10658 MD
10,941.63	10,897.22	-703.00	504.00	Start 100.00 hold at 10941.63 MD
11,041.63	10,997.22	-703.00	504.00	Start DLS 10.00 TFO 359.66 at 11041 MD
11,925.64	11,571.94	-148.08	500.70	Start 10397.56 hold at 11925.64 MD
22,323.21	11,861.94	10,245.25	438.81	TD at 22323.21

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (usft)	Origin +E/-W (usft)	Start TVD (usft)
TD	No Target (Freehand)	2.45	Slot	0.00	0.00	0.00

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
0.00	22,325.01	Plan #2	3_MWD+HRGM

Casing Details

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
22,323.00	11,861.94	4 1/2" Casing	4-1/2	6

HALLIBURTON

Mewbourne Oil Company

Lea County, NM (NAD83)

Plan Report for Red Stag 5-32 B3PA Fed Com 1H - Plan #2**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			
3,746.72	3,740.00	108.00	Salt Base			
3,988.02	3,980.00	348.00	Yates			
4,279.59	4,270.00	638.00	Capitan			
5,295.06	5,280.00	1,648.00	"Delaware (Lamar)			
5,938.52	5,920.00	2,288.00	Cherry Canyon			
6,099.39	6,080.00	2,448.00	Manzanita Marker			
8,442.01	8,410.00	4,778.00	Basal Brushy Canyon			
8,663.20	8,630.00	4,998.00	Bone Spring			
9,718.88	9,680.00	6,048.00	1st Bone Spring Sand			
10,322.13	10,280.00	6,648.00	2nd Bone Spring Sand			
11,292.12	11,240.00	7,608.00	3rd Bone Spring Sand			

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
B3PA Landing ()									
	0.00	0.00	11,572.00	-146.34	500.54	515,289.263	802,932.644	32° 24' 49.484264 N	103° 29' 8.267987 W
- plan misses target center by 0.14usft at 11927.39usft MD (11572.00 TVD, -146.34 N, 500.69 E)									
- Point									
B3PA BHL ()									
	0.00	0.00	11,862.00	10,247.30	438.80	525,682.900	802,870.900	32° 26' 32.330590 N	103° 29' 8.026184 W
- plan hits target center									
- Point									

Directional Difficulty Index

Average Dogleg over Survey:	0.46 °/100usft	Maximum Dogleg over Survey:	10.00 °/100usft at 11,927.93 usft
Net Tortousity applicable to Plans:	0.46 °/100usft	Directional Difficulty Index:	6.658

Audit Info

North Reference Sheet for Sec 05-T22S-R34E - Red Stag 5-32 B3PA 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 B3 PA 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: 0.99998716

Grid Coordinates of Well: 515,435.600 usft N, 802,432.100 usft E

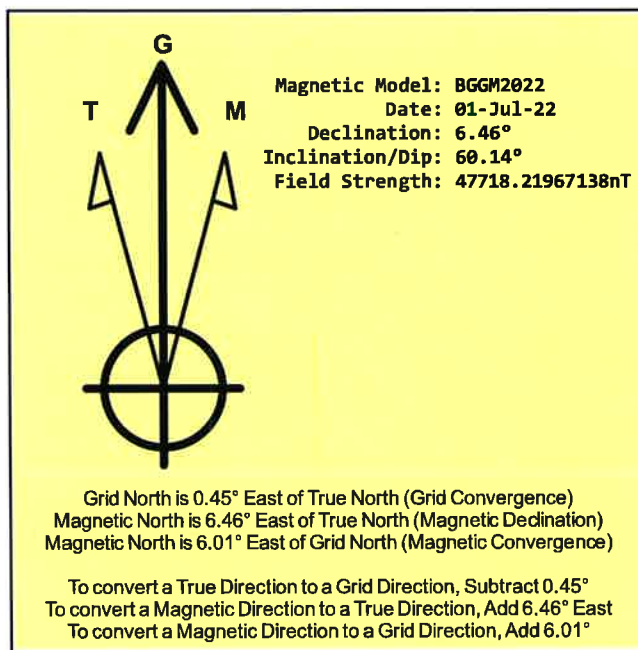
Geographical Coordinates of Well: 32° 24' 50.971462 N, 103° 29' 14.093203 W

Grid Convergence at Surface is: 0.45°

Based upon Minimum Curvature type calculations, at a Measured Depth of 22,325.26usft

the Bottom Hole Displacement is 10,256.69usft in the Direction of 2.45° (Grid).

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



Intent ☐ As Drilled ☒

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

Kick Off Point (KOP)

UL A	Section 8	Township 22S	Range 34E	Lot	Feet 466	From N/S N	Feet 641	From E/W E	County Lea
Latitude 32.4121905					Longitude -103.4855730				NAD 83

First Take Point (FTP)

UL P	Section 5	Township 22S	Range 34E	Lot	Feet 125	From N/S S	Feet 667	From E/W E	County Lea
Latitude 32.4138142					Longitude -103.4856504				NAD 83

Last Take Point (LTP)

UL A	Section 32	Township 21S	Range 34E	Lot	Feet 118	From N/S N	Feet 661	From E/W E	County Lea
Latitude 32.4422645					Longitude -103.4855648				NAD 83

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

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

API #		
Operator Name: Mewbourne Oil Company	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. 30-025-50333
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 Red Stag 5/32 B3PA Fed Com
4. Well Location Unit Letter <u>P</u> : <u>250</u> feet from the <u>South</u> line and <u>1160</u> feet from the <u>East</u> line Section <u>5</u> Township <u>22S</u> Range <u>34E</u> NMPM Lea County		8. Well Number 1H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3604' GL		9. OGRID Number 14744
10. Pool name or Wildcat [28432] Grama Ridge; Bone Spring		

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 11915'-22273'. Frac horizontal Bone Spring w/20595792 gals FW slickwater, carrying 25687280# local 100 mesh sand.

Drill out frac plugs to PBTD @ 22294'.

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'.

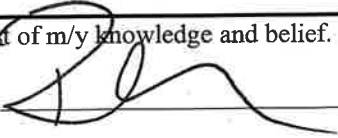
Spud Date: 11/06/2022

Rig Release Date: 12/10/2022

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

Printed name: Ruby Ojeda

Title: Regulatory

Signature: 

Date: 04/20/2023

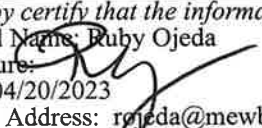
Phone: 575-393-5905

Email: rojeda@mewbourne.com

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					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							1. WELL API NO. 30-025-50333			
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 Red Stag 5/32 B3PA Fed Com			
8. Name of Operator Mewbourne Oil Company							6. Well Number: 1H			
10. Address of Operator PO Box 5270 Hobbs, NM 88240							11. Pool name or Wildcat [28432] Grama Ridge; Bone Springs			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	5	22S	34E		250	South	1160	East	Lea
BH:	A	32	21S	34E		91	North	661	East	Lea
13. Date Spudded 11/06/2022	14. Date T.D. Reached 12/06/2022	15. Date Rig Released 12/10/2022		16. Date Completed (Ready to Produce) 03/07/2023			17. Elevations (DF and RKB, RT, GR, etc.) 3604' GL			
18. Total Measured Depth of Well 22300' MD		19. Plug Back Measured Depth 22294' MD		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run GR			
22. Producing Interval(s), of this completion - Top, Bottom, Name 11915'-22273' Bone Spring										
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		1905'		17 1/2"		1100		0
9 5/8"		40		5401'		12 1/4"		2700		0
7"		29		10933'		8 3/4"		925		0
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
4 1/2"	10713"	22300'	950							
26. Perforation record (interval, size, and number) 11915'-22273' (52 stages, 0.39" EHD, 1872 holes)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 11915'-22273' Frac horizontal Bone Spring w/20595792 gals FW slickwater, carrying 25687280# local 100 mesh sand.				
28. PRODUCTION										
Date First Production 03/07/2023		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 03/09/2023	Hours Tested 24	Choke Size 26/64"	Prod'n For Test Period	Oil - Bbl 421	Gas - MCF 324	Water - Bbl. 844	Gas - Oil Ratio 769			
Flow Tubing Press. Na	Casing Pressure 3440	Calculated 24-Hour Rate	Oil - Bbl. 421	Gas - MCF 324	Water - Bbl. 844	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Robin Terrell			
31. List Attachments C104, Deviation Survey, completion sundry, Directional Survey, Gyro log, Final C-102										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 12/10/2022			
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										
Printed Name: Ruby Ojeda Signature:  Date: 04/20/2023 E-mail Address: rojeda@mewbourne.com										
Title: Regulatory										

INSTRUCTIONS

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

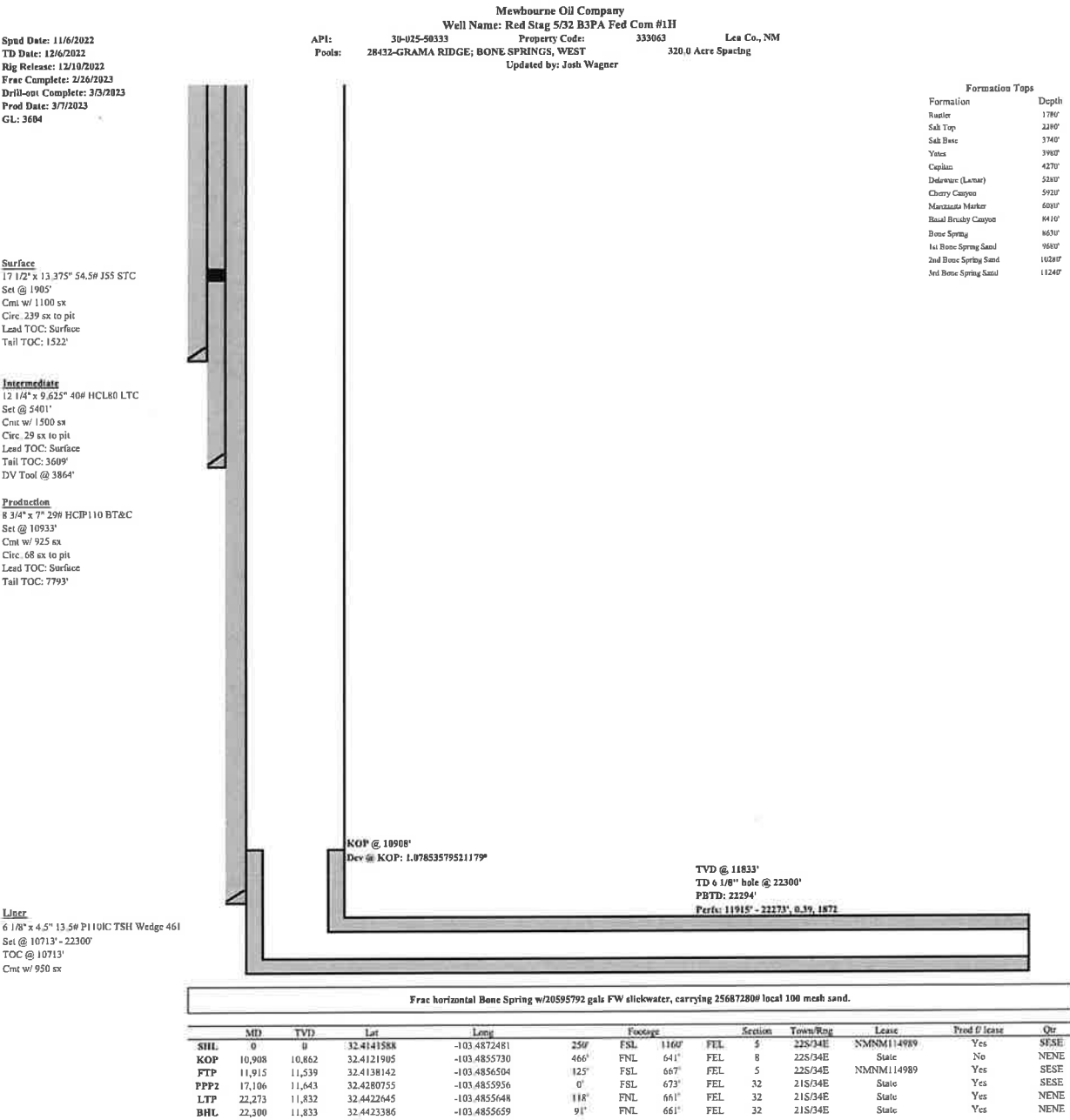
OIL OR GAS SANDS OR ZONES

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 7:49:31 AM



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos 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 209384

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 209384
	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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CONDITIONS

Action 209384

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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