

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD Rec'd: 9/21/2020

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. NMNM11038
2. Name of Operator MEWBOURNE OIL COMPANY		6. If Indian, Allottee or Tribe Name
Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address P O BOX 5270 HOBBS, NM 88241	3b. Phone No. (include area code) Ph: 575-393-5905	8. Well Name and No. FULLER 14/11 W1ED FED COM 2H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T26S R29E SWNW 2600FNL 450FWL 32.042279 N Lat, 103.961604 W Lon		9. API Well No. 30-015-45610-00-X1
		10. Field and Pool or Exploratory Area PURPLE SAGE-WOLFCAMP (GAS)
		11. County or Parish, State EDDY COUNTY, NM

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

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

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

Mewbourne Oil Company would like to change the well name to Fuller 14/11 Fed Com #2H, change SL to 2600' FNL & 450' FWL, Sec 14 T26S R29E & change BHL to 330' FNL & 330' FWL, Sec 11 T26S R29E. See attached for C102 & directional plans. Call Bradley Bishop with any questions.

Bond on file: NM1693 nationwide & NMB000919

14. I hereby certify that the foregoing is true and correct. Electronic Submission #529350 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 09/10/2020 (20PP4076SE)	
Name (Printed/Typed) JACKIE LATHAN	Title REGULATORY
Signature (Electronic Submission)	Date 09/09/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CODY LAYTON	Title ASSIST FIELD MANAGER LANDS MINERALS	Date 09/21/20
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

KZ

Revisions to Operator-Submitted EC Data for Sundry Notice #529350

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	NMNM11038	NMNM11038
Agreement:		
Operator:	MEWBOURNE OIL COMPANY PO BOX 5270 HOBBS, NM 88241 Ph: 575-393-5905	MEWBOURNE OIL COMPANY P O BOX 5270 HOBBS, NM 88241 Ph: 575.393.5905
Admin Contact:	JACKIE LATHAN AUTHORIZED REPRESENTATIVE E-Mail: jlathan@mewbourne.com Ph: 575-393-5905	JACKIE LATHAN REGULATORY E-Mail: jlathan@mewbourne.com Ph: 575-393-5905
Tech Contact:	JACKIE LATHAN AUTHORIZED REPRESENTATIVE E-Mail: jlathan@mewbourne.com Ph: 575-393-5905	JACKIE LATHAN REGULATORY E-Mail: jlathan@mewbourne.com Ph: 575-393-5905
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	PURPLE SAGE; WOLFCAMP GAS	PURPLE SAGE-WOLFCAMP (GAS)
Well/Facility:	FULLER 14/11 W2ED FED 3H Sec 14 T26S R29E Mer NMP SWNW 2600FNL 450FWL	FULLER 14/11 W1ED FED COM 2H Sec 14 T26S R29E SWNW 2600FNL 450FWL 32.042279 N Lat, 103.961604 W Lon

PECOS DISTRICT

DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	Mewbourne Oil Company
LEASE NO.:	NMNM11038
WELL NAME & NO.:	FULLER 14-11 W1ED FED COM 2H
SURFACE HOLE FOOTAGE:	2600'/N & 450'/W
BOTTOM HOLE FOOTAGE:	330'/N & 330'/W
LOCATION:	Section 14, T.26 S., R.29 E., NMP
COUNTY:	Eddy County, New Mexico

COA

H2S	☐ Yes	☒ No	
Potash	☒ None	☐ Secretary	☐ R-111-P
Cave/Karst Potential	☐ Low	☒ Medium	☐ High
Cave/Karst Potential	☐ Critical		
Variance	☐ None	☒ Flex Hose	☐ Other
Wellhead	☐ Conventional	☒ Multibowl	☐ Both
Other	☐ 4 String Area	☐ Capitan Reef	☐ WIPP
Other	☒ Fluid Filled	☐ Cement Squeeze	☐ Pilot Hole
Special Requirements	☐ Water Disposal	☒ COM	☐ Unit

All Previous COAs Still Apply.

A. SPECIAL REQUIREMENT (S)

Communitization Agreement

- The operator will submit a Communitization Agreement to the Carlsbad Field Office, 620 E Greene St. Carlsbad, New Mexico 88220, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

OTA09212020

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45610	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP GAS POOL
⁴ Property Code 319622	⁵ Property Name FULLER 14/11 W1ED FED COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 2H
		⁹ Elevation 2937'

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
E	14	26S	29E		2600	NORTH	450	WEST	EDDY

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
D	11	26S	29E		330	NORTH	330	WEST	EDDY

¹² Dedicated Acres 480	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.

CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1940"
N: 376539.9 - E: 656060.1

B: FOUND BRASS CAP "1940"
N: 379229.8 - E: 656067.0

C: FOUND BRASS CAP "1940"
N: 381920.7 - E: 656056.9

D: FOUND BRASS CAP "1940"
N: 384614.1 - E: 656058.2

E: FOUND 1/2" REBAR
N: 387267.1 - E: 656100.2

F: FOUND BRASS CAP "1940"
N: 387281.8 - E: 661486.2

G: FOUND BRASS CAP "1940"
N: 381882.4 - E: 661489.4

H: FOUND BRASS CAP "1940"
N: 379187.8 - E: 661491.3

I: FOUND BRASS CAP "1940"
N: 376497.1 - E: 661496.5

J: FOUND BRASS CAP "1940"
N: 376518.6 - E: 658778.8

K: FOUND BRASS CAP "1940"
N: 381901.5 - E: 658773.2

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

Signature: Bradley C Bishop Date: 9-3-20

Printed Name: BRADLEY BISHOP

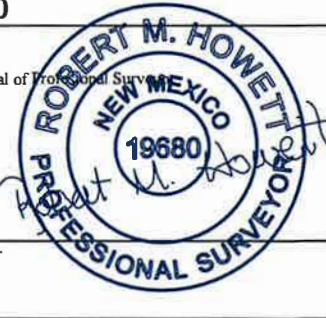
E-mail Address: BBISHOP@MEWBOURNE.COM

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: 8-4-20

Signature and Seal of Professional Surveyor: [Signature]

Certificate Number: 19680



Job No.: **LS20080343**

Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Fuller 14/11 W1ED Fed Com #2H

Sec 14, T26S, R29E

SHL: 2600' FNL & 450' FWL, Sec 14

BHL: 330' FNL & 330' FWL, Sec 11

Plan: Design #1

Standard Planning Report

09 September, 2020

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/11 W1ED Fed Com #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 330' FWL, Sec 11		
Design:	Design #1		

Project	Eddy County, New Mexico NAD 83		
Map System:	US State Plane 1983	System Datum:	Ground Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Fuller 14/11 W1ED Fed Com #2H			
Site Position:		Northing:	379,318.00 usft	Latitude: 32.0422802
From:	Map	Easting:	656,517.00 usft	Longitude: -103.9616027
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.20 °

Well	Sec 14, T26S, R29E			
Well Position	+N/-S	0.0 usft	Northing:	379,318.00 usft
	+E/-W	0.0 usft	Easting:	656,517.00 usft
Position Uncertainty	0.0 usft		Wellhead Elevation:	2,965.0 usft
			Ground Level:	2,937.0 usft

Wellbore	BHL: 330' FNL & 330' FWL, Sec 11				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.31	59.86	48,089

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	359.31

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.00	0.00	
990.2	2.85	196.04	990.1	-4.5	-1.3	1.50	1.50	0.00	196.04	
9,602.7	2.85	196.04	9,591.9	-416.5	-119.7	0.00	0.00	0.00	0.00	
9,792.8	0.00	0.00	9,782.0	-421.0	-121.0	1.50	-1.50	0.00	180.00	KOP: 2360' FSL & 330'
10,691.4	89.85	0.21	10,355.0	150.5	-118.9	10.00	10.00	0.00	0.21	
18,161.0	89.85	0.21	10,375.0	7,620.0	-92.0	0.00	0.00	0.00	0.00	BHL: 330' FNL & 330'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/11 W1ED Fed Com #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 330' FWL, Sec 11		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL: 2600' FNL & 450' FWL (Sec 14)									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	1.50	196.04	900.0	-1.3	-0.4	-1.3	1.50	1.50	0.00
990.2	2.85	196.04	990.1	-4.5	-1.3	-4.5	1.50	1.50	0.00
1,000.0	2.85	196.04	999.9	-5.0	-1.4	-5.0	0.00	0.00	0.00
1,100.0	2.85	196.04	1,099.8	-9.8	-2.8	-9.8	0.00	0.00	0.00
1,200.0	2.85	196.04	1,199.7	-14.6	-4.2	-14.5	0.00	0.00	0.00
1,300.0	2.85	196.04	1,299.5	-19.4	-5.6	-19.3	0.00	0.00	0.00
1,400.0	2.85	196.04	1,399.4	-24.1	-6.9	-24.1	0.00	0.00	0.00
1,500.0	2.85	196.04	1,499.3	-28.9	-8.3	-28.8	0.00	0.00	0.00
1,600.0	2.85	196.04	1,599.2	-33.7	-9.7	-33.6	0.00	0.00	0.00
1,700.0	2.85	196.04	1,699.0	-38.5	-11.1	-38.4	0.00	0.00	0.00
1,800.0	2.85	196.04	1,798.9	-43.3	-12.4	-43.1	0.00	0.00	0.00
1,900.0	2.85	196.04	1,898.8	-48.1	-13.8	-47.9	0.00	0.00	0.00
2,000.0	2.85	196.04	1,998.7	-52.8	-15.2	-52.7	0.00	0.00	0.00
2,100.0	2.85	196.04	2,098.5	-57.6	-16.6	-57.4	0.00	0.00	0.00
2,200.0	2.85	196.04	2,198.4	-62.4	-17.9	-62.2	0.00	0.00	0.00
2,300.0	2.85	196.04	2,298.3	-67.2	-19.3	-67.0	0.00	0.00	0.00
2,400.0	2.85	196.04	2,398.2	-72.0	-20.7	-71.7	0.00	0.00	0.00
2,500.0	2.85	196.04	2,498.1	-76.8	-22.1	-76.5	0.00	0.00	0.00
2,600.0	2.85	196.04	2,597.9	-81.5	-23.4	-81.3	0.00	0.00	0.00
2,700.0	2.85	196.04	2,697.8	-86.3	-24.8	-86.0	0.00	0.00	0.00
2,800.0	2.85	196.04	2,797.7	-91.1	-26.2	-90.8	0.00	0.00	0.00
2,900.0	2.85	196.04	2,897.6	-95.9	-27.6	-95.5	0.00	0.00	0.00
3,000.0	2.85	196.04	2,997.4	-100.7	-28.9	-100.3	0.00	0.00	0.00
3,100.0	2.85	196.04	3,097.3	-105.5	-30.3	-105.1	0.00	0.00	0.00
3,200.0	2.85	196.04	3,197.2	-110.2	-31.7	-109.8	0.00	0.00	0.00
3,300.0	2.85	196.04	3,297.1	-115.0	-33.1	-114.6	0.00	0.00	0.00
3,400.0	2.85	196.04	3,396.9	-119.8	-34.4	-119.4	0.00	0.00	0.00
3,500.0	2.85	196.04	3,496.8	-124.6	-35.8	-124.1	0.00	0.00	0.00
3,600.0	2.85	196.04	3,596.7	-129.4	-37.2	-128.9	0.00	0.00	0.00
3,700.0	2.85	196.04	3,696.6	-134.1	-38.6	-133.7	0.00	0.00	0.00
3,800.0	2.85	196.04	3,796.4	-138.9	-39.9	-138.4	0.00	0.00	0.00
3,900.0	2.85	196.04	3,896.3	-143.7	-41.3	-143.2	0.00	0.00	0.00
4,000.0	2.85	196.04	3,996.2	-148.5	-42.7	-148.0	0.00	0.00	0.00
4,100.0	2.85	196.04	4,096.1	-153.3	-44.1	-152.7	0.00	0.00	0.00
4,200.0	2.85	196.04	4,195.9	-158.1	-45.4	-157.5	0.00	0.00	0.00
4,300.0	2.85	196.04	4,295.8	-162.8	-46.8	-162.3	0.00	0.00	0.00
4,400.0	2.85	196.04	4,395.7	-167.6	-48.2	-167.0	0.00	0.00	0.00
4,500.0	2.85	196.04	4,495.6	-172.4	-49.6	-171.8	0.00	0.00	0.00
4,600.0	2.85	196.04	4,595.4	-177.2	-50.9	-176.6	0.00	0.00	0.00
4,700.0	2.85	196.04	4,695.3	-182.0	-52.3	-181.3	0.00	0.00	0.00
4,800.0	2.85	196.04	4,795.2	-186.8	-53.7	-186.1	0.00	0.00	0.00
4,900.0	2.85	196.04	4,895.1	-191.5	-55.1	-190.9	0.00	0.00	0.00
5,000.0	2.85	196.04	4,995.0	-196.3	-56.4	-195.6	0.00	0.00	0.00
5,100.0	2.85	196.04	5,094.8	-201.1	-57.8	-200.4	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/11 W1ED Fed Com #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 330' FWL, Sec 11		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,200.0	2.85	196.04	5,194.7	-205.9	-59.2	-205.2	0.00	0.00	0.00
5,300.0	2.85	196.04	5,294.6	-210.7	-60.5	-209.9	0.00	0.00	0.00
5,400.0	2.85	196.04	5,394.5	-215.5	-61.9	-214.7	0.00	0.00	0.00
5,500.0	2.85	196.04	5,494.3	-220.2	-63.3	-219.5	0.00	0.00	0.00
5,600.0	2.85	196.04	5,594.2	-225.0	-64.7	-224.2	0.00	0.00	0.00
5,700.0	2.85	196.04	5,694.1	-229.8	-66.0	-229.0	0.00	0.00	0.00
5,800.0	2.85	196.04	5,794.0	-234.6	-67.4	-233.8	0.00	0.00	0.00
5,900.0	2.85	196.04	5,893.8	-239.4	-68.8	-238.5	0.00	0.00	0.00
6,000.0	2.85	196.04	5,993.7	-244.1	-70.2	-243.3	0.00	0.00	0.00
6,100.0	2.85	196.04	6,093.6	-248.9	-71.5	-248.1	0.00	0.00	0.00
6,200.0	2.85	196.04	6,193.5	-253.7	-72.9	-252.8	0.00	0.00	0.00
6,300.0	2.85	196.04	6,293.3	-258.5	-74.3	-257.6	0.00	0.00	0.00
6,400.0	2.85	196.04	6,393.2	-263.3	-75.7	-262.3	0.00	0.00	0.00
6,500.0	2.85	196.04	6,493.1	-268.1	-77.0	-267.1	0.00	0.00	0.00
6,600.0	2.85	196.04	6,593.0	-272.8	-78.4	-271.9	0.00	0.00	0.00
6,700.0	2.85	196.04	6,692.8	-277.6	-79.8	-276.6	0.00	0.00	0.00
6,800.0	2.85	196.04	6,792.7	-282.4	-81.2	-281.4	0.00	0.00	0.00
6,900.0	2.85	196.04	6,892.6	-287.2	-82.5	-286.2	0.00	0.00	0.00
7,000.0	2.85	196.04	6,992.5	-292.0	-83.9	-290.9	0.00	0.00	0.00
7,100.0	2.85	196.04	7,092.4	-296.8	-85.3	-295.7	0.00	0.00	0.00
7,200.0	2.85	196.04	7,192.2	-301.5	-86.7	-300.5	0.00	0.00	0.00
7,300.0	2.85	196.04	7,292.1	-306.3	-88.0	-305.2	0.00	0.00	0.00
7,400.0	2.85	196.04	7,392.0	-311.1	-89.4	-310.0	0.00	0.00	0.00
7,500.0	2.85	196.04	7,491.9	-315.9	-90.8	-314.8	0.00	0.00	0.00
7,600.0	2.85	196.04	7,591.7	-320.7	-92.2	-319.5	0.00	0.00	0.00
7,700.0	2.85	196.04	7,691.6	-325.5	-93.5	-324.3	0.00	0.00	0.00
7,800.0	2.85	196.04	7,791.5	-330.2	-94.9	-329.1	0.00	0.00	0.00
7,900.0	2.85	196.04	7,891.4	-335.0	-96.3	-333.8	0.00	0.00	0.00
8,000.0	2.85	196.04	7,991.2	-339.8	-97.7	-338.6	0.00	0.00	0.00
8,100.0	2.85	196.04	8,091.1	-344.6	-99.0	-343.4	0.00	0.00	0.00
8,200.0	2.85	196.04	8,191.0	-349.4	-100.4	-348.1	0.00	0.00	0.00
8,300.0	2.85	196.04	8,290.9	-354.2	-101.8	-352.9	0.00	0.00	0.00
8,400.0	2.85	196.04	8,390.7	-358.9	-103.2	-357.7	0.00	0.00	0.00
8,500.0	2.85	196.04	8,490.6	-363.7	-104.5	-362.4	0.00	0.00	0.00
8,600.0	2.85	196.04	8,590.5	-368.5	-105.9	-367.2	0.00	0.00	0.00
8,700.0	2.85	196.04	8,690.4	-373.3	-107.3	-372.0	0.00	0.00	0.00
8,800.0	2.85	196.04	8,790.2	-378.1	-108.7	-376.7	0.00	0.00	0.00
8,900.0	2.85	196.04	8,890.1	-382.8	-110.0	-381.5	0.00	0.00	0.00
9,000.0	2.85	196.04	8,990.0	-387.6	-111.4	-386.3	0.00	0.00	0.00
9,100.0	2.85	196.04	9,089.9	-392.4	-112.8	-391.0	0.00	0.00	0.00
9,200.0	2.85	196.04	9,189.8	-397.2	-114.2	-395.8	0.00	0.00	0.00
9,300.0	2.85	196.04	9,289.6	-402.0	-115.5	-400.6	0.00	0.00	0.00
9,400.0	2.85	196.04	9,389.5	-406.8	-116.9	-405.3	0.00	0.00	0.00
9,500.0	2.85	196.04	9,489.4	-411.5	-118.3	-410.1	0.00	0.00	0.00
9,600.0	2.85	196.04	9,589.3	-416.3	-119.7	-414.8	0.00	0.00	0.00
9,602.7	2.85	196.04	9,591.9	-416.5	-119.7	-415.0	0.00	0.00	0.00
9,700.0	1.39	196.04	9,689.2	-419.9	-120.7	-418.4	1.50	-1.50	0.00
9,792.8	0.00	0.00	9,782.0	-421.0	-121.0	-419.5	1.50	-1.50	0.00
KOP: 2360' FSL & 330' FWL (Sec 14)									
9,800.0	0.72	0.21	9,789.2	-421.0	-121.0	-419.5	10.00	10.00	0.00
9,900.0	10.72	0.21	9,888.5	-411.0	-121.0	-409.5	10.00	10.00	0.00
10,000.0	20.72	0.21	9,984.7	-384.0	-120.9	-382.5	10.00	10.00	0.00
10,100.0	30.71	0.21	10,074.7	-340.6	-120.7	-339.1	10.00	10.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/11 W1ED Fed Com #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 330' FWL, Sec 11		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,200.0	40.71	0.21	10,155.8	-282.3	-120.5	-280.8	10.00	10.00	0.00
10,300.0	50.71	0.21	10,225.5	-210.8	-120.2	-209.4	10.00	10.00	0.00
10,400.0	60.71	0.21	10,281.8	-128.3	-119.9	-126.8	10.00	10.00	0.00
10,500.0	70.71	0.21	10,322.8	-37.3	-119.6	-35.8	10.00	10.00	0.00
10,600.0	80.71	0.21	10,347.5	59.5	-119.3	60.9	10.00	10.00	0.00
10,691.4	89.85	0.21	10,355.0	150.5	-118.9	151.9	10.00	10.00	0.00
10,700.0	89.85	0.21	10,355.0	159.1	-118.9	160.5	0.00	0.00	0.00
10,779.9	89.85	0.21	10,355.2	239.0	-118.6	240.4	0.00	0.00	0.00
FTP/LP: 2361' FNL & 330' FWL (Sec 14)									
10,800.0	89.85	0.21	10,355.3	259.1	-118.5	260.5	0.00	0.00	0.00
10,900.0	89.85	0.21	10,355.6	359.1	-118.2	360.5	0.00	0.00	0.00
11,000.0	89.85	0.21	10,355.8	459.1	-117.8	460.5	0.00	0.00	0.00
11,100.0	89.85	0.21	10,356.1	559.1	-117.5	560.5	0.00	0.00	0.00
11,200.0	89.85	0.21	10,356.4	659.1	-117.1	660.5	0.00	0.00	0.00
11,300.0	89.85	0.21	10,356.6	759.1	-116.7	760.4	0.00	0.00	0.00
11,400.0	89.85	0.21	10,356.9	859.1	-116.4	860.4	0.00	0.00	0.00
11,500.0	89.85	0.21	10,357.2	959.1	-116.0	960.4	0.00	0.00	0.00
11,600.0	89.85	0.21	10,357.4	1,059.1	-115.7	1,060.4	0.00	0.00	0.00
11,700.0	89.85	0.21	10,357.7	1,159.1	-115.3	1,160.4	0.00	0.00	0.00
11,800.0	89.85	0.21	10,358.0	1,259.1	-114.9	1,260.4	0.00	0.00	0.00
11,900.0	89.85	0.21	10,358.2	1,359.1	-114.6	1,360.4	0.00	0.00	0.00
12,000.0	89.85	0.21	10,358.5	1,459.1	-114.2	1,460.4	0.00	0.00	0.00
12,100.0	89.85	0.21	10,358.8	1,559.1	-113.9	1,560.3	0.00	0.00	0.00
12,200.0	89.85	0.21	10,359.0	1,659.1	-113.5	1,660.3	0.00	0.00	0.00
12,300.0	89.85	0.21	10,359.3	1,759.1	-113.1	1,760.3	0.00	0.00	0.00
12,400.0	89.85	0.21	10,359.6	1,859.1	-112.8	1,860.3	0.00	0.00	0.00
12,500.0	89.85	0.21	10,359.8	1,959.1	-112.4	1,960.3	0.00	0.00	0.00
12,600.0	89.85	0.21	10,360.1	2,059.1	-112.1	2,060.3	0.00	0.00	0.00
12,700.0	89.85	0.21	10,360.4	2,159.1	-111.7	2,160.3	0.00	0.00	0.00
12,800.0	89.85	0.21	10,360.6	2,259.1	-111.3	2,260.3	0.00	0.00	0.00
12,900.0	89.85	0.21	10,360.9	2,359.1	-111.0	2,360.2	0.00	0.00	0.00
13,000.0	89.85	0.21	10,361.2	2,459.1	-110.6	2,460.2	0.00	0.00	0.00
13,100.0	89.85	0.21	10,361.4	2,559.1	-110.3	2,560.2	0.00	0.00	0.00
13,141.9	89.85	0.21	10,361.6	2,601.0	-110.1	2,602.1	0.00	0.00	0.00
PPP2: 0' FSL & 330' FWL (Sec 11)									
13,200.0	89.85	0.21	10,361.7	2,659.1	-109.9	2,660.2	0.00	0.00	0.00
13,300.0	89.85	0.21	10,362.0	2,759.1	-109.5	2,760.2	0.00	0.00	0.00
13,400.0	89.85	0.21	10,362.3	2,859.1	-109.2	2,860.2	0.00	0.00	0.00
13,500.0	89.85	0.21	10,362.5	2,959.1	-108.8	2,960.2	0.00	0.00	0.00
13,600.0	89.85	0.21	10,362.8	3,059.1	-108.4	3,060.2	0.00	0.00	0.00
13,700.0	89.85	0.21	10,363.1	3,159.1	-108.1	3,160.1	0.00	0.00	0.00
13,800.0	89.85	0.21	10,363.3	3,259.1	-107.7	3,260.1	0.00	0.00	0.00
13,900.0	89.85	0.21	10,363.6	3,359.1	-107.4	3,360.1	0.00	0.00	0.00
14,000.0	89.85	0.21	10,363.9	3,459.1	-107.0	3,460.1	0.00	0.00	0.00
14,100.0	89.85	0.21	10,364.1	3,559.1	-106.6	3,560.1	0.00	0.00	0.00
14,200.0	89.85	0.21	10,364.4	3,659.1	-106.3	3,660.1	0.00	0.00	0.00
14,300.0	89.85	0.21	10,364.7	3,759.1	-105.9	3,760.1	0.00	0.00	0.00
14,400.0	89.85	0.21	10,364.9	3,859.1	-105.6	3,860.1	0.00	0.00	0.00
14,500.0	89.85	0.21	10,365.2	3,959.1	-105.2	3,960.0	0.00	0.00	0.00
14,600.0	89.85	0.21	10,365.5	4,059.1	-104.8	4,060.0	0.00	0.00	0.00
14,700.0	89.85	0.21	10,365.7	4,159.1	-104.5	4,160.0	0.00	0.00	0.00
14,800.0	89.85	0.21	10,366.0	4,259.1	-104.1	4,260.0	0.00	0.00	0.00
14,900.0	89.85	0.21	10,366.3	4,359.1	-103.8	4,360.0	0.00	0.00	0.00
15,000.0	89.85	0.21	10,366.5	4,459.1	-103.4	4,460.0	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/11 W1ED Fed Com #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 330' FWL, Sec 11		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,100.0	89.85	0.21	10,366.8	4,559.1	-103.0	4,560.0	0.00	0.00	0.00
15,200.0	89.85	0.21	10,367.1	4,659.1	-102.7	4,660.0	0.00	0.00	0.00
15,300.0	89.85	0.21	10,367.3	4,759.1	-102.3	4,759.9	0.00	0.00	0.00
15,400.0	89.85	0.21	10,367.6	4,859.1	-102.0	4,859.9	0.00	0.00	0.00
15,500.0	89.85	0.21	10,367.9	4,959.1	-101.6	4,959.9	0.00	0.00	0.00
15,600.0	89.85	0.21	10,368.1	5,059.1	-101.2	5,059.9	0.00	0.00	0.00
15,700.0	89.85	0.21	10,368.4	5,159.1	-100.9	5,159.9	0.00	0.00	0.00
15,800.0	89.85	0.21	10,368.7	5,259.0	-100.5	5,259.9	0.00	0.00	0.00
15,900.0	89.85	0.21	10,368.9	5,359.0	-100.2	5,359.9	0.00	0.00	0.00
16,000.0	89.85	0.21	10,369.2	5,459.0	-99.8	5,459.9	0.00	0.00	0.00
16,100.0	89.85	0.21	10,369.5	5,559.0	-99.4	5,559.8	0.00	0.00	0.00
16,200.0	89.85	0.21	10,369.7	5,659.0	-99.1	5,659.8	0.00	0.00	0.00
16,300.0	89.85	0.21	10,370.0	5,759.0	-98.7	5,759.8	0.00	0.00	0.00
16,400.0	89.85	0.21	10,370.3	5,859.0	-98.4	5,859.8	0.00	0.00	0.00
16,500.0	89.85	0.21	10,370.6	5,959.0	-98.0	5,959.8	0.00	0.00	0.00
16,600.0	89.85	0.21	10,370.8	6,059.0	-97.6	6,059.8	0.00	0.00	0.00
16,700.0	89.85	0.21	10,371.1	6,159.0	-97.3	6,159.8	0.00	0.00	0.00
16,800.0	89.85	0.21	10,371.4	6,259.0	-96.9	6,259.8	0.00	0.00	0.00
16,900.0	89.85	0.21	10,371.6	6,359.0	-96.5	6,359.7	0.00	0.00	0.00
17,000.0	89.85	0.21	10,371.9	6,459.0	-96.2	6,459.7	0.00	0.00	0.00
17,100.0	89.85	0.21	10,372.2	6,559.0	-95.8	6,559.7	0.00	0.00	0.00
17,200.0	89.85	0.21	10,372.4	6,659.0	-95.5	6,659.7	0.00	0.00	0.00
17,300.0	89.85	0.21	10,372.7	6,759.0	-95.1	6,759.7	0.00	0.00	0.00
17,400.0	89.85	0.21	10,373.0	6,859.0	-94.7	6,859.7	0.00	0.00	0.00
17,500.0	89.85	0.21	10,373.2	6,959.0	-94.4	6,959.7	0.00	0.00	0.00
17,600.0	89.85	0.21	10,373.5	7,059.0	-94.0	7,059.7	0.00	0.00	0.00
17,700.0	89.85	0.21	10,373.8	7,159.0	-93.7	7,159.6	0.00	0.00	0.00
17,800.0	89.85	0.21	10,374.0	7,259.0	-93.3	7,259.6	0.00	0.00	0.00
17,900.0	89.85	0.21	10,374.3	7,359.0	-92.9	7,359.6	0.00	0.00	0.00
18,000.0	89.85	0.21	10,374.6	7,459.0	-92.6	7,459.6	0.00	0.00	0.00
18,100.0	89.85	0.21	10,374.8	7,559.0	-92.2	7,559.6	0.00	0.00	0.00
18,161.0	89.85	0.21	10,375.0	7,620.0	-92.0	7,620.6	0.00	0.00	0.00
BHL: 330' FNL & 330' FWL (Sec 11)									

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/11 W1ED Fed Com #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 330' FWL, Sec 11		
Design:	Design #1		

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
SHL: 2600' FNL & 450' F - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	379,318.00	656,517.00	32.0422802	-103.9616027
KOP: 2360' FSL & 330' F - plan hits target center - Point	0.00	0.00	9,782.0	-421.0	-121.0	378,897.00	656,396.00	32.0411241	-103.9619979
FTP/LP: 2361' FNL & 33 - plan hits target center - Point	0.00	0.00	10,355.2	239.0	-118.6	379,557.00	656,398.38	32.0429383	-103.9619829
PPP2: 0' FSL & 330' FW - plan hits target center - Point	0.00	0.00	10,361.6	2,601.0	-110.1	381,919.00	656,406.90	32.0494312	-103.9619292
BHL: 330' FNL & 330' Fv - plan hits target center - Point	0.00	0.00	10,375.0	7,620.0	-92.0	386,938.00	656,425.00	32.0632279	-103.9618150