

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO 1004-0135
Expires: July 31, 2010**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 reverse side.**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No NMNM14758
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 HOBBS, NM 88241	3b. Phone No (include area code) Ph: 575-393-5905 Fx: 575-397-6252	8. Well Name and No LONG DRAW 9 AP FED COM 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T20S R25E SESE Lot O 330FSL 950FEL		9. API Well No 30-015-38310-00-X1
		10. Field and Pool, or Exploratory CEMETERY
		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK 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	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original APD
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 has an approved APD for the above captioned well. After further Geological review, we would like to change the casing program & directional plan as follows:

Surface (same as APD) 12 1/4" hole size, 9.65" csg., 36#, setting depth @ 785', 400 sks of cmt (Circ to surface)

Intermediate (will change to 8 3/4" hole size, 7" csg, 26# J55 LT&C 1958' & 26# J55 BT&C 1000'. Setting depth @ 2856' MD (2531' TVD) 400 sks of cmt (Circ to surface)

Liner (will change to 6 1/8" hole size, 4 1/2" csg, 11.6# J55 LT&C to TD @ 7560 MD (2546' TVD) TOL @ 2656' MD). This will be a pkr port completion.

RECEIVED

MAR 29 2012

NMOCD ARTESIA

Accepted for record

NMOCD

14 I hereby certify that the foregoing is true and correct	
Electronic Submission #133577 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 03/22/2012 (12KMS1300SE)	
Name (Printed/Typed) BRETT BEDNARZ	Title PETROLEUM ENGINEER
Signature (Electronic Submission)	Date 03/21/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS	Title PETROLEUM ENGINEER	Date 03/26/2012
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.

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

Additional data for EC transaction #133577 that would not fit on the form

32. Additional remarks, continued

Please see attached directional plan.

Bond on file: NM1693, Nationwide

Mewbourne Oil Co

Eddy County, New Mexico

Sec. 9-20S-25E

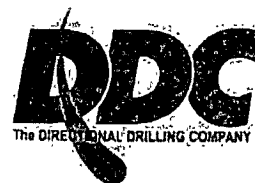
Long Draw 9 AP Federal Com#1H

Wellbore #1

Plan: Design #2

DDC Well Planning Report

28 February, 2012



DDC
Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Long Draw 9 AP Federal Com#1H
Company:	Mewbourne Oil Co	TVD Reference:	GL: 3462 + 19' KB @ 3481.0usft
Project:	Eddy County, New Mexico	MD Reference:	GL: 3462 + 19' KB @ 3481.0usft
Site:	Sec 9-20S-25E	North Reference:	Grid
Well:	Long Draw 9 AP Federal Com#1H	Survey/Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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

Site:	Sec 9-20S-25E		
Site Position:		Northing:	579,246.53 usft
From:	Map	Easting:	452,285.51 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 35' 32.491 N
		Longitude:	104° 29' 17.728 W
		Grid Convergence:	-0.08 °

Well:	Long Draw 9 AP Federal Com#1H		
Well Position	+N-S	1,319.9 usft	Northing:
	+E-W	1,364.8 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	Ground Level:
			3,462.0 usft

Wellbore:	Wellbore #1		
Magnetics:	Model Name	Sample Date	Declination
	IGRF2010	2/24/2012	7.95
			Dip Angle
			60.36
			Field Strength
			48,667

Design:	Design #2		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth:
			0.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			180.25

Plan Sections:										
Measured	Inclination	Azimuth	Vertical	+N-S	+E-W	Dogleg	Built	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,958.1	0.00	0.00	1,958.1	0.0	0.0	0.00	0.00	0.00	0.00	
2,856.2	89.82	180.25	2,531.0	-571.1	-2.5	10.00	10.00	0.00	180.25	
7,560.8	89.82	180.25	2,546.0	-5,275.6	-23.1	0.00	0.00	0.00	0.00	Long Draw 9AP Fed.(

DDC
Well Planning Report



Database:	EDM:5000:1 Single User Db	Local Co-ordinate Reference:	Well Long Draw 9 AP Federal Com#1H
Company:	Mewbourne Oil Co	TVD Reference:	GL: 3462 + 19' KB @ 3481.0usft
Project:	Eddy County, New Mexico	MD Reference:	GL: 3462 + 19' KB @ 3481.0usft
Site:	Sec 9-20S-25E	North Reference:	Grid
Well:	Long Draw 9 AP Federal Com#1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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	
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	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
1958 MD: Begin Build @ 10° DLS										
1,958.1	0.00	0.00	1,958.1	0.0	0.0	0.0	0.00	0.00	0.00	
2,000.0	4.19	180.25	2,000.0	-1.5	0.0	1.5	10.00	10.00	0.00	
2,100.0	14.19	180.25	2,098.6	-17.5	-0.1	17.5	10.00	10.00	0.00	
2,200.0	24.19	180.25	2,192.9	-50.3	-0.2	50.3	10.00	10.00	0.00	
2,300.0	34.19	180.25	2,280.1	-99.0	-0.4	99.0	10.00	10.00	0.00	
2,400.0	44.19	180.25	2,357.5	-162.2	-0.7	162.2	10.00	10.00	0.00	
2,500.0	54.19	180.25	2,422.7	-237.8	-1.0	237.8	10.00	10.00	0.00	
2,600.0	64.19	180.25	2,473.9	-323.5	-1.4	323.5	10.00	10.00	0.00	
2,700.0	74.19	180.25	2,509.4	-416.9	-1.8	416.9	10.00	10.00	0.00	
2,800.0	84.19	180.25	2,528.1	-515.0	-2.3	515.0	10.00	10.00	0.00	
2856 MD: End of Curve w/89.82° Incl. on Azim. 180.25°										
2,856.2	89.82	180.25	2,531.0	-571.1	-2.5	571.1	10.00	10.00	0.00	
2,900.0	89.82	180.25	2,531.2	-614.9	-2.7	614.9	0.00	0.00	0.00	
3,000.0	89.82	180.25	2,531.5	-714.9	-3.1	714.9	0.00	0.00	0.00	
3,100.0	89.82	180.25	2,531.8	-814.9	-3.6	814.9	0.00	0.00	0.00	
3,200.0	89.82	180.25	2,532.1	-914.9	-4.0	914.9	0.00	0.00	0.00	
3,300.0	89.82	180.25	2,532.4	-1,014.9	-4.4	1,014.9	0.00	0.00	0.00	
3,400.0	89.82	180.25	2,532.7	-1,114.9	-4.9	1,114.9	0.00	0.00	0.00	
3,500.0	89.82	180.25	2,533.1	-1,214.9	-5.3	1,214.9	0.00	0.00	0.00	
3,600.0	89.82	180.25	2,533.4	-1,314.9	-5.7	1,314.9	0.00	0.00	0.00	
3,700.0	89.82	180.25	2,533.7	-1,414.9	-6.2	1,414.9	0.00	0.00	0.00	
3,800.0	89.82	180.25	2,534.0	-1,514.9	-6.6	1,514.9	0.00	0.00	0.00	
3,900.0	89.82	180.25	2,534.3	-1,614.9	-7.1	1,614.9	0.00	0.00	0.00	
4,000.0	89.82	180.25	2,534.7	-1,714.9	-7.5	1,714.9	0.00	0.00	0.00	
4,100.0	89.82	180.25	2,535.0	-1,814.9	-7.9	1,814.9	0.00	0.00	0.00	
4,200.0	89.82	180.25	2,535.3	-1,914.9	-8.4	1,914.9	0.00	0.00	0.00	
4,300.0	89.82	180.25	2,535.6	-2,014.9	-8.8	2,014.9	0.00	0.00	0.00	
4,400.0	89.82	180.25	2,535.9	-2,114.9	-9.2	2,114.9	0.00	0.00	0.00	
4,500.0	89.82	180.25	2,536.3	-2,214.9	-9.7	2,214.9	0.00	0.00	0.00	
4,600.0	89.82	180.25	2,536.6	-2,314.9	-10.1	2,314.9	0.00	0.00	0.00	
4,700.0	89.82	180.25	2,536.9	-2,414.9	-10.6	2,414.9	0.00	0.00	0.00	
4,800.0	89.82	180.25	2,537.2	-2,514.9	-11.0	2,514.9	0.00	0.00	0.00	
4,900.0	89.82	180.25	2,537.5	-2,614.9	-11.4	2,614.9	0.00	0.00	0.00	

DDC
Well Planning Report



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Company:	Mewbourne Oil Co	TVD Reference:	GL: 3462 + 19' KB @ 3481.0usft
Project:	Eddy County, New Mexico	MD Reference:	GL: 3462 + 19' KB @ 3481.0usft
Site:	Sec 9-20S-25E	North Reference:	Grid
Well:	Long Draw 9 AP Federal Com#1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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)	
5,000.0	89.82	180.25	2,537.8	-2,714.9	-11.9	2,714.9	0.00	0.00	0.00	
5,100.0	89.82	180.25	2,538.2	-2,814.9	-12.3	2,814.9	0.00	0.00	0.00	
5,200.0	89.82	180.25	2,538.5	-2,914.9	-12.7	2,914.9	0.00	0.00	0.00	
5,300.0	89.82	180.25	2,538.8	-3,014.9	-13.2	3,014.9	0.00	0.00	0.00	
5,400.0	89.82	180.25	2,539.1	-3,114.9	-13.6	3,114.9	0.00	0.00	0.00	
5,500.0	89.82	180.25	2,539.4	-3,214.9	-14.1	3,214.9	0.00	0.00	0.00	
5,600.0	89.82	180.25	2,539.8	-3,314.9	-14.5	3,314.9	0.00	0.00	0.00	
5,700.0	89.82	180.25	2,540.1	-3,414.9	-14.9	3,414.9	0.00	0.00	0.00	
5,800.0	89.82	180.25	2,540.4	-3,514.8	-15.4	3,514.9	0.00	0.00	0.00	
5,900.0	89.82	180.25	2,540.7	-3,614.8	-15.8	3,614.9	0.00	0.00	0.00	
6,000.0	89.82	180.25	2,541.0	-3,714.8	-16.2	3,714.9	0.00	0.00	0.00	
6,100.0	89.82	180.25	2,541.3	-3,814.8	-16.7	3,814.9	0.00	0.00	0.00	
6,200.0	89.82	180.25	2,541.7	-3,914.8	-17.1	3,914.9	0.00	0.00	0.00	
6,300.0	89.82	180.25	2,542.0	-4,014.8	-17.5	4,014.9	0.00	0.00	0.00	
6,400.0	89.82	180.25	2,542.3	-4,114.8	-18.0	4,114.9	0.00	0.00	0.00	
6,500.0	89.82	180.25	2,542.6	-4,214.8	-18.4	4,214.9	0.00	0.00	0.00	
6,600.0	89.82	180.25	2,542.9	-4,314.8	-18.9	4,314.9	0.00	0.00	0.00	
6,700.0	89.82	180.25	2,543.3	-4,414.8	-19.3	4,414.9	0.00	0.00	0.00	
6,800.0	89.82	180.25	2,543.6	-4,514.8	-19.7	4,514.9	0.00	0.00	0.00	
6,900.0	89.82	180.25	2,543.9	-4,614.8	-20.2	4,614.9	0.00	0.00	0.00	
7,000.0	89.82	180.25	2,544.2	-4,714.8	-20.6	4,714.9	0.00	0.00	0.00	
7,100.0	89.82	180.25	2,544.5	-4,814.8	-21.0	4,814.9	0.00	0.00	0.00	
7,200.0	89.82	180.25	2,544.9	-4,914.8	-21.5	4,914.9	0.00	0.00	0.00	
7,300.0	89.82	180.25	2,545.2	-5,014.8	-21.9	5,014.9	0.00	0.00	0.00	
7,400.0	89.82	180.25	2,545.5	-5,114.8	-22.4	5,114.9	0.00	0.00	0.00	
7,500.0	89.82	180.25	2,545.8	-5,214.8	-22.8	5,214.9	0.00	0.00	0.00	
TD at 7560.8/2546°TVD: Long Draw 9 AP Fed. Com. #1H PBHL										
7,560.8	89.82	180.25	2,546.0	-5,275.6	-23.1	5,275.6	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
hit/miss target										
Shape										
Long Draw 9 AP Fed. Co.	0.00	360.00	2,546.0	-5,275.6	-23.1	575,290.86	453,627.27	32° 34' 53.366 N	104° 29' 1.979 W	
- plan hits target center										
- Point										

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,958.1	1,958.1	0.0	0.0	1958°MD: Begin Build @ 10°DLS
2,856.2	2,531.0	-571.1	-2.5	2856°MD: End of Curve w/89.82° Incl. on Azm. 180.25°
7,560.8	2,546.0	-5,275.6	-23.1	TD at 7560.8/2546°TVD

Mewbourne Oil Co

Long Draw 9 AP Federal Com#1H
Sec 9-20S-25E
Eddy County, New Mexico

Design #2
Q120157

