

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

Energy, Minerals and Natural Resources

Revised August 1, 2011

RECEIVED

JAN 07 2013

NMOC ARTESIA

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-015-39423

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Delaware Ranch 11 Fee

8. Well Number 3H

9. OGRID Number 14744

10. Pool name or Wildcat

Red Bluff South Bone Spring 51010

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 88240

4. Well Location

Unit Letter N : 330 feet from the South line and 2260 feet from the West lineSection 11 Township 26S Range 28E NMPM Eddy County

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

2970' 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 ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

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.

Mewbourne Oil Company has an approved APD for the above captioned well. After further review MOC would like to change the depth of the well bore. The well will be drilled to 12654' MD (8210' TVD) 2nd Bone Spring Sands.

MOC would also like to change the lease name from the Delaware Ranch 11 Fee #3H to the Delaware Ranch 11 NC Fee #1H.

New property code "39610" For Delaware Ranch 11 NC Fee

Spud Date:

Rig Release Date:

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

SIGNATURE Jackie Lathan TITLE Hobbs Regulatory DATE 01/02/13Type or print name Jackie Lathan E-mail address: jlathan@mewbourne.com PHONE: 575-393-5905

For State Use Only

APPROVED BY: T. C. Shepard TITLE Geologist DATE 1/7/2013

Conditions of Approval (if any):

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, 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 Department

RECEIVED

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NMOC-ARTESIA

Form C-102
Revised July 16, 2010

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-39423	Pool Code	Pool Name
Property Code 39610	Property Name DELAWARE RANCH "11" NC FEE	Well Number 1H
OGRID No. 1A7AA	Operator Name MEWBOURNE OIL COMPANY	Elevation 2970'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	11	26 S	28 E		330	SOUTH	2260	WEST	EDDY

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
C	11	26 S	28 E		330	North	2260	West	Eddy
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	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. <u>Jackie Lathan</u> 1/2/12 Signature Date <u>Jackie Lathan</u> Printed Name _____ Email Address
	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. SEPTEMBER 10 2011 Date Surveyed <u>Gary L. Jones</u> Signature & Seal of Professional Surveyor
	Certificate No. Gary L. Jones 7977
	BASIN SURVEYS 25334

SURFACE LOCATION
Lat - N 32°03'02.38"
Long - W 104°03'31.65"
NMSPC - N 382264.354
E 585059.879
(NAD-27)



Mewbourne Oil Co

Eddy County, New Mexico

Sec 11, T26S, R28E

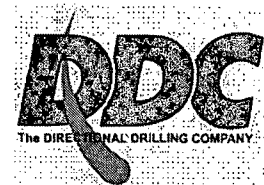
Delaware Ranch 11 NC Fee #1H

Wellbore #1

Plan: Design #1

DDC Well Planning Report

17 October, 2012



DDC
Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Referen	Well Delaware Ranch 11 NC Fee #1H
Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 2990.0usft (Patterson-UTI #75)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2990.0usft (Patterson-UTI #75)
Site:	Sec 11, T26S, R28E	North Reference:	Grid
Well:	Delaware Ranch 11 NC Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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 11, T26S, R28E			
Site Position:		Northing:	382,264.35 usft	Latitude:	32° 3' 2.385 N
From:	Map	Easting:	585,059.88 usft	Longitude:	104° 3' 31.649 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.15

Well	Delaware Ranch 11 Fee #3H					
Well Position	+N/-S	0.0 usft	Northing:	382,264.35 usft	Latitude:	32° 3' 2.385 N
	+E/-W	0.0 usft	Easting:	585,059.88 usft	Longitude:	104° 3' 31.649 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	2,970.0 usft

Wellbore	Wellbore #1
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/17/2012	7.63	59.91	48,327

Design	Design #1
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Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	0.47

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	
7,712.5	0.00	0.00	7,712.5	0.0	0.0	0.00	0.00	0.00	0.00	
8,460.2	89.73	0.47	8,190.0	475.2	3.9	12.00	12.00	0.06	0.47	
12,654.4	89.73	0.47	8,210.0	4,669.2	38.7	0.00	0.00	0.00	0.00	PBHL Delaware Ra

DDC Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Delaware Ranch 11 NC Fee #1H
Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 2990.0usft (Patterson-UTI #75)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2990.0usft (Patterson-UTI #75)
Site:	Sec 11, T26S, R28E	North Reference:	Grid
Well:	Delaware Ranch 11 NC Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)
Build 12° / 100'									
7,712.5	0.00	0.00	7,712.5	0.0	0.0	0.0	0.00	0.00	0.00
7,725.0	1.50	0.47	7,725.0	0.2	0.0	0.2	12.00	12.00	0.00
7,750.0	4.50	0.47	7,750.0	1.5	0.0	1.5	12.00	12.00	0.00
7,775.0	7.50	0.47	7,774.8	4.1	0.0	4.1	12.00	12.00	0.00
7,800.0	10.50	0.47	7,799.5	8.0	0.1	8.0	12.00	12.00	0.00
7,825.0	13.50	0.47	7,824.0	13.2	0.1	13.2	12.00	12.00	0.00
7,850.0	16.50	0.47	7,848.1	19.7	0.2	19.7	12.00	12.00	0.00
7,875.0	19.50	0.47	7,871.9	27.4	0.2	27.4	12.00	12.00	0.00
7,900.0	22.50	0.47	7,895.2	36.3	0.3	36.3	12.00	12.00	0.00
7,925.0	25.50	0.47	7,918.1	46.5	0.4	46.5	12.00	12.00	0.00
7,950.0	28.50	0.47	7,940.3	57.9	0.5	57.9	12.00	12.00	0.00
7,975.0	31.50	0.47	7,962.0	70.4	0.6	70.4	12.00	12.00	0.00
8,000.0	34.50	0.47	7,982.9	84.0	0.7	84.0	12.00	12.00	0.00
8,025.0	37.50	0.47	8,003.2	98.7	0.8	98.7	12.00	12.00	0.00
8,050.0	40.50	0.47	8,022.6	114.4	0.9	114.4	12.00	12.00	0.00
8,075.0	43.50	0.47	8,041.2	131.1	1.1	131.1	12.00	12.00	0.00
8,100.0	46.50	0.47	8,058.8	148.8	1.2	148.8	12.00	12.00	0.00
8,125.0	49.50	0.47	8,075.6	167.4	1.4	167.4	12.00	12.00	0.00
8,150.0	52.50	0.47	8,091.3	186.8	1.5	186.8	12.00	12.00	0.00
8,175.0	55.50	0.47	8,106.0	207.0	1.7	207.0	12.00	12.00	0.00
8,200.0	58.50	0.47	8,119.6	228.0	1.9	228.0	12.00	12.00	0.00
8,225.0	61.50	0.47	8,132.1	249.6	2.1	249.6	12.00	12.00	0.00
8,250.0	64.50	0.47	8,143.5	271.9	2.3	271.9	12.00	12.00	0.00
8,275.0	67.50	0.47	8,153.6	294.7	2.4	294.7	12.00	12.00	0.00
8,300.0	70.50	0.47	8,162.6	318.1	2.6	318.1	12.00	12.00	0.00
8,325.0	73.50	0.47	8,170.3	341.8	2.8	341.9	12.00	12.00	0.00
8,350.0	76.50	0.47	8,176.8	366.0	3.0	366.0	12.00	12.00	0.00
8,375.0	79.50	0.47	8,182.0	390.4	3.2	390.5	12.00	12.00	0.00
8,400.0	82.50	0.47	8,185.9	415.1	3.4	415.1	12.00	12.00	0.00
8,425.0	85.50	0.47	8,188.5	440.0	3.6	440.0	12.00	12.00	0.00
8,450.0	88.50	0.47	8,189.8	465.0	3.9	465.0	12.00	12.00	0.00
EOB @ 89.73° Inc / 47° Amz / 8190' TVD									
8,460.2	89.73	0.47	8,190.0	475.2	3.9	475.2	12.00	12.00	0.00
8,500.0	89.73	0.47	8,190.1	514.9	4.3	515.0	0.00	0.00	0.00
8,600.0	89.73	0.47	8,190.6	614.9	5.1	615.0	0.00	0.00	0.00
8,700.0	89.73	0.47	8,191.1	714.9	5.9	715.0	0.00	0.00	0.00
8,800.0	89.73	0.47	8,191.6	814.9	6.8	815.0	0.00	0.00	0.00
8,900.0	89.73	0.47	8,192.1	914.9	7.6	915.0	0.00	0.00	0.00
9,000.0	89.73	0.47	8,192.5	1,014.9	8.4	1,015.0	0.00	0.00	0.00
9,100.0	89.73	0.47	8,193.0	1,114.9	9.2	1,115.0	0.00	0.00	0.00
9,200.0	89.73	0.47	8,193.5	1,214.9	10.1	1,215.0	0.00	0.00	0.00
9,300.0	89.73	0.47	8,194.0	1,314.9	10.9	1,315.0	0.00	0.00	0.00
9,400.0	89.73	0.47	8,194.4	1,414.9	11.7	1,415.0	0.00	0.00	0.00
9,500.0	89.73	0.47	8,194.9	1,514.9	12.6	1,515.0	0.00	0.00	0.00
9,600.0	89.73	0.47	8,195.4	1,614.9	13.4	1,615.0	0.00	0.00	0.00
9,700.0	89.73	0.47	8,195.9	1,714.9	14.2	1,715.0	0.00	0.00	0.00
9,800.0	89.73	0.47	8,196.4	1,814.9	15.0	1,814.9	0.00	0.00	0.00
9,900.0	89.73	0.47	8,196.8	1,914.9	15.9	1,914.9	0.00	0.00	0.00
10,000.0	89.73	0.47	8,197.3	2,014.9	16.7	2,014.9	0.00	0.00	0.00
10,100.0	89.73	0.47	8,197.8	2,114.9	17.5	2,114.9	0.00	0.00	0.00
10,200.0	89.73	0.47	8,198.3	2,214.9	18.4	2,214.9	0.00	0.00	0.00
10,300.0	89.73	0.47	8,198.8	2,314.9	19.2	2,314.9	0.00	0.00	0.00
10,400.0	89.73	0.47	8,199.2	2,414.9	20.0	2,414.9	0.00	0.00	0.00

DDC

Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Delaware Ranch 11 NC Fee #1H
Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 2990.0usft (Patterson-UTI #75)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2990.0usft (Patterson-UTI #75)
Site:	Sec 11, T26S, R28E	North Reference:	Grid
Well:	Delaware Ranch 11 NC Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)	
10,500.0	89.73	0.47	8,199.7	2,514.9	20.8	2,514.9	0.00	0.00	0.00	
10,600.0	89.73	0.47	8,200.2	2,614.9	21.7	2,614.9	0.00	0.00	0.00	
10,700.0	89.73	0.47	8,200.7	2,714.8	22.5	2,714.9	0.00	0.00	0.00	
10,800.0	89.73	0.47	8,201.1	2,814.8	23.3	2,814.9	0.00	0.00	0.00	
10,900.0	89.73	0.47	8,201.6	2,914.8	24.2	2,914.9	0.00	0.00	0.00	
11,000.0	89.73	0.47	8,202.1	3,014.8	25.0	3,014.9	0.00	0.00	0.00	
11,100.0	89.73	0.47	8,202.6	3,114.8	25.8	3,114.9	0.00	0.00	0.00	
11,200.0	89.73	0.47	8,203.1	3,214.8	26.6	3,214.9	0.00	0.00	0.00	
11,300.0	89.73	0.47	8,203.5	3,314.8	27.5	3,314.9	0.00	0.00	0.00	
11,400.0	89.73	0.47	8,204.0	3,414.8	28.3	3,414.9	0.00	0.00	0.00	
11,500.0	89.73	0.47	8,204.5	3,514.8	29.1	3,514.9	0.00	0.00	0.00	
11,600.0	89.73	0.47	8,205.0	3,614.8	30.0	3,614.9	0.00	0.00	0.00	
11,700.0	89.73	0.47	8,205.4	3,714.8	30.8	3,714.9	0.00	0.00	0.00	
11,800.0	89.73	0.47	8,205.9	3,814.8	31.6	3,814.9	0.00	0.00	0.00	
11,900.0	89.73	0.47	8,206.4	3,914.8	32.4	3,914.9	0.00	0.00	0.00	
12,000.0	89.73	0.47	8,206.9	4,014.8	33.3	4,014.9	0.00	0.00	0.00	
12,100.0	89.73	0.47	8,207.4	4,114.8	34.1	4,114.9	0.00	0.00	0.00	
12,200.0	89.73	0.47	8,207.8	4,214.8	34.9	4,214.9	0.00	0.00	0.00	
12,300.0	89.73	0.47	8,208.3	4,314.8	35.8	4,314.9	0.00	0.00	0.00	
12,400.0	89.73	0.47	8,208.8	4,414.8	36.6	4,414.9	0.00	0.00	0.00	
12,500.0	89.73	0.47	8,209.3	4,514.8	37.4	4,514.9	0.00	0.00	0.00	
12,600.0	89.73	0.47	8,209.7	4,614.8	38.2	4,614.9	0.00	0.00	0.00	
TD @ 12654' MD / 8210' TVD										
12,654.4	89.73	0.47	8,210.0	4,669.2	38.7	4,669.4	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	
PBHL Delaware Ranc	0.00	0.00	8,210.0	4,669.2	38.7	386,933.55	585,098.58	32° 3' 48.593 N	104° 3' 31.061 W	
- hit/miss target										
- Shape										
- plan hits target center										
- Point										

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
7,712.5	7,712.5	0.0	0.0	Build 12° / 100'	
8,460.2	8,190.0	475.2	3.9	EOB @ 89.73° Inc / .47° Amz / 8190' TVD	
12,654.4	8,210.0	4,669.2	38.7	TD @ 12654' MD / 8210' TVD	