

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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

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. 30-015-41304
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 88240		7. Lease Name or Unit Agreement Name San Lorenzo 9 OB Fee
4. Well Location Unit Letter <u>O</u> : <u>200</u> feet from the <u>South</u> line and <u>2450</u> feet from the <u>East</u> line Section <u>9</u> Township <u>25S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number <u>1H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2972' GL		9. OGRID Number <u>14744</u>
		10. Pool name or Wildcat: San Lorenzo Bone Spring (53600)

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 ☐

SUBSEQUENT REPORT OF:

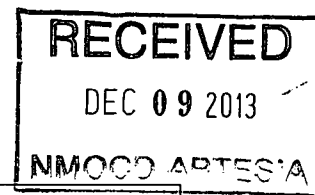
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

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 well. MOC would like to change from a Bone Spring well to a Wolfcamp. This will be in the WC-015 S25281D; Wolfcamp (Gas) formation. MD will be 15,000'. See attached C-102, directional plan and casing design.



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 Bradley Bishop TITLE Hobbs Regulatory DATE 12-6-2013

Type or print name Bradley Bishop E-mail address: bishop@mewbourne.com PHONE: 575-393-5905

For State Use Only

APPROVED BY: J.C. Shepard TITLE "Geologist" DATE 12/9/2013

Conditions of Approval (if any):

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
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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
Santa Fe, NM 87505

RECEIVED

DEC 09 2013

MOCD ARTESIA

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 30-015-41304	² Pool Code 97949	³ Pool Name WC-015 S 252815 D; Wolfcamp
⁴ Property Code 39859	⁵ Property Name SAN LORENZO 9 OB FEE	
⁷ GRID No. 14944	⁶ Operator Name MEWBOURNE OIL COMPANY	
		⁸ Well Number 1H
		⁹ Elevation 2971'

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
0	9	25-S	28-E		200	SOUTH	2450	EAST	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
B	9	25-S	28-E		330	North	1980	East	EDDY

¹² Dedicated Acres 320/160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

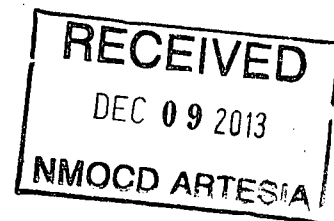
¹⁶ CORNER DATA NAD 27 GRID - NM EAST A: BRASS CAP "1940" N 413725.5 - E 572071.3 B: BRASS CAP "1940" N 416371.1 - E 572047.7 C: BRASS CAP "1940" N 419016.8 - E 572023.2 D: BRASS CAP "1940" N 418988.3 - E 574700.6 E: BRASS CAP "1940" N 418960.8 - E 577380.4 F: BRASS CAP "1940" N 416349.2 - E 577394.9 G: BRASS CAP "1940" N 413738.1 - E 577410.1 H: BRASS CAP "1940" N 413734.7 - E 574737.3 WELL PATH 200' 2450'	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 undivided 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>Bradley Bishop</i> Signature Date BRADLEY BISHOP Printed Name 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. 3/18/13 Date of Survey Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i> 19680 Certificate Number
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Casing	Hole Size	Csg. Size	Grade	Weight	Setting Depth	Sks. Cmt	TOC	Fluid
Surface	17.5	13.375	48	H-40	425	450	0	FW
Int. 1	12.25	9.625	36	J-55	2500	600	0	BW
Int. 2	8.75	7	26	P110	1100	2300	0	Cut Brine
Prod.	6.125	4.5	13.5	P110	15000	0	0	BW

MOC proposes to drill & test the Wolfcamp formation. H2S rule 118 does not apply. MOC has researched this area & no high concentrations were found. Will have on location & working all H2S safety equipment before drilling the surface csg shoe for safety & insurance purposes. If commercial, 4 ½ liner will be run & will use pkr port system (no cmt) in the lateral hole. Will stimulate as needed for production.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	1500	Schaffer
Double Ram	5000	5000	Schaffer
Annular	5000	2500	Schaffer



Mewbourne Oil Co

Eddy County, New Mexico

Sec 9-25S-28E

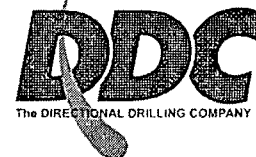
San Lorenzo 9 OB Fee #1H

Wellbore #1

Plan: Design #2

DDC Well Planning Report

05 December, 2013



DDC

Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well San Lorenzo 9 OB Fee #1H
Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 2991.0usft (Patterson)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2991.0usft (Patterson)
Site:	Sec 9-25S-28E	North Reference:	Grid
Well:	San Lorenzo 9 OB Fee #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 9-25S-28E		
Site Position:		Northing:	413,906.40 usft
From:	Map	Easting:	576,749.14 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 8' 15.729 N
		Longitude:	104° 5' 7.369 W
		Grid Convergence:	0.13 °

Well	San Lorenzo 9 OB Fee #1H		
Well Position	+N/-S	28.5 usft	Northing: 413,934.90 usft
	+E/-W	-1,789.6 usft	Easting: 574,959.50 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Latitude: 32° 8' 16.051 N
			Longitude: 104° 5' 28.183 W
			Ground Level: 2,971.0 usft

Wellbore	Wellbore #1		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/19/2013	7.59	59.97	48,326

Design	Design #2		
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Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	5.36

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	
9,893.1	0.00	0.00	9,893.1	0.0	0.0	0.00	0.00	0.00	0.00	
10,789.7	89.66	5.36	10,466.0	567.0	53.2	10.00	10.00	0.60	5.36	
14,957.1	89.66	5.36	10,491.0	4,716.2	442.6	0.00	0.00	0.00	0.00	PBHL San Lorenzo

DDC

Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well San Lorenzo 9 OB Fee #1H
Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 2991.0usft (Patterson)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2991.0usft (Patterson)
Site:	Sec 9-25S-28E	North Reference:	Grid
Well:	San Lorenzo 9 OB Fee #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
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

DDC

Well Planning Report



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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)
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00
9,000.0	0.00	0.00	9,000.0	0.0	0.0	0.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,100.0	0.0	0.0	0.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,200.0	0.0	0.0	0.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,300.0	0.0	0.0	0.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,400.0	0.0	0.0	0.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,500.0	0.0	0.0	0.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,600.0	0.0	0.0	0.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,700.0	0.0	0.0	0.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,800.0	0.0	0.0	0.0	0.00	0.00	0.00
Build 10°/100'									
9,893.1	0.00	0.00	9,893.1	0.0	0.0	0.0	0.00	0.00	0.00
9,900.0	0.69	5.36	9,900.0	0.0	0.0	0.0	10.00	10.00	0.00
10,000.0	10.69	5.36	9,999.4	9.9	0.9	9.9	10.00	10.00	0.00
10,100.0	20.69	5.36	10,095.5	36.8	3.5	37.0	10.00	10.00	0.00
10,200.0	30.69	5.36	10,185.5	79.9	7.5	80.2	10.00	10.00	0.00
10,300.0	40.69	5.36	10,266.6	137.9	12.9	138.5	10.00	10.00	0.00
10,400.0	50.69	5.36	10,336.4	209.1	19.6	210.0	10.00	10.00	0.00

DDC

Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well San Lorenzo 9 OB Fee #1H
Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 2991.0usft (Patterson)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2991.0usft (Patterson)
Site:	Sec 9-25S-28E	North Reference:	Grid
Well:	San Lorenzo 9 OB Fee #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)
10,500.0	60.69	5.36	10,392.7	291.2	27.3	292.5	10.00	10.00	0.00
10,600.0	70.69	5.36	10,433.8	381.8	35.8	383.5	10.00	10.00	0.00
10,700.0	80.69	5.36	10,458.5	478.2	44.9	480.3	10.00	10.00	0.00
EOB @ 89.66° Inc / 5.36° Azm / 10466' TVD									
10,789.7	89.66	5.36	10,466.0	567.0	53.2	569.5	10.00	10.00	0.00
10,800.0	89.66	5.36	10,466.1	577.3	54.2	579.9	0.00	0.00	0.00
10,900.0	89.66	5.36	10,466.7	676.9	63.5	679.9	0.00	0.00	0.00
11,000.0	89.66	5.36	10,467.3	776.4	72.9	779.9	0.00	0.00	0.00
11,100.0	89.66	5.36	10,467.9	876.0	82.2	879.9	0.00	0.00	0.00
11,200.0	89.66	5.36	10,468.5	975.6	91.6	979.9	0.00	0.00	0.00
11,300.0	89.66	5.36	10,469.1	1,075.1	100.9	1,079.8	0.00	0.00	0.00
11,400.0	89.66	5.36	10,469.7	1,174.7	110.2	1,179.8	0.00	0.00	0.00
11,500.0	89.66	5.36	10,470.3	1,274.2	119.6	1,279.8	0.00	0.00	0.00
11,600.0	89.66	5.36	10,470.9	1,373.8	128.9	1,379.8	0.00	0.00	0.00
11,700.0	89.66	5.36	10,471.5	1,473.4	138.3	1,479.8	0.00	0.00	0.00
11,800.0	89.66	5.36	10,472.1	1,572.9	147.6	1,579.8	0.00	0.00	0.00
11,900.0	89.66	5.36	10,472.7	1,672.5	157.0	1,679.8	0.00	0.00	0.00
12,000.0	89.66	5.36	10,473.3	1,772.1	166.3	1,779.8	0.00	0.00	0.00
12,100.0	89.66	5.36	10,473.9	1,871.6	175.6	1,879.8	0.00	0.00	0.00
12,200.0	89.66	5.36	10,474.5	1,971.2	185.0	1,979.8	0.00	0.00	0.00
12,300.0	89.66	5.36	10,475.1	2,070.7	194.3	2,079.8	0.00	0.00	0.00
12,400.0	89.66	5.36	10,475.7	2,170.3	203.7	2,179.8	0.00	0.00	0.00
12,500.0	89.66	5.36	10,476.3	2,269.9	213.0	2,279.8	0.00	0.00	0.00
12,600.0	89.66	5.36	10,476.9	2,369.4	222.4	2,379.8	0.00	0.00	0.00
12,700.0	89.66	5.36	10,477.5	2,469.0	231.7	2,479.8	0.00	0.00	0.00
12,800.0	89.66	5.36	10,478.1	2,568.5	241.0	2,579.8	0.00	0.00	0.00
12,900.0	89.66	5.36	10,478.7	2,668.1	250.4	2,679.8	0.00	0.00	0.00
13,000.0	89.66	5.36	10,479.3	2,767.7	259.7	2,779.8	0.00	0.00	0.00
13,100.0	89.66	5.36	10,479.9	2,867.2	269.1	2,879.8	0.00	0.00	0.00
13,200.0	89.66	5.36	10,480.5	2,966.8	278.4	2,979.8	0.00	0.00	0.00
13,300.0	89.66	5.36	10,481.1	3,066.3	287.8	3,079.8	0.00	0.00	0.00
13,400.0	89.66	5.36	10,481.7	3,165.9	297.1	3,179.8	0.00	0.00	0.00
13,500.0	89.66	5.36	10,482.3	3,265.5	306.4	3,279.8	0.00	0.00	0.00
13,600.0	89.66	5.36	10,482.9	3,365.0	315.8	3,379.8	0.00	0.00	0.00
13,700.0	89.66	5.36	10,483.5	3,464.6	325.1	3,479.8	0.00	0.00	0.00
13,800.0	89.66	5.36	10,484.1	3,564.1	334.5	3,579.8	0.00	0.00	0.00
13,900.0	89.66	5.36	10,484.7	3,663.7	343.8	3,679.8	0.00	0.00	0.00
14,000.0	89.66	5.36	10,485.3	3,763.3	353.2	3,779.8	0.00	0.00	0.00
14,100.0	89.66	5.36	10,485.9	3,862.8	362.5	3,879.8	0.00	0.00	0.00
14,200.0	89.66	5.36	10,486.5	3,962.4	371.8	3,979.8	0.00	0.00	0.00
14,300.0	89.66	5.36	10,487.1	4,061.9	381.2	4,079.8	0.00	0.00	0.00
14,400.0	89.66	5.36	10,487.7	4,161.5	390.5	4,179.8	0.00	0.00	0.00
14,500.0	89.66	5.36	10,488.3	4,261.1	399.9	4,279.8	0.00	0.00	0.00
14,600.0	89.66	5.36	10,488.9	4,360.6	409.2	4,379.8	0.00	0.00	0.00
14,700.0	89.66	5.36	10,489.5	4,460.2	418.6	4,479.8	0.00	0.00	0.00
14,800.0	89.66	5.36	10,490.1	4,559.8	427.9	4,579.8	0.00	0.00	0.00
14,900.0	89.66	5.36	10,490.7	4,659.3	437.3	4,679.8	0.00	0.00	0.00
TD @ 14957' MD / 10491' TVD									
14,957.1	89.66	5.36	10,491.0	4,716.2	442.6	4,736.9	0.00	0.00	0.00

DDC
Well Planning Report



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Company:	Mewbourne Oil Co	TVD Reference:	WELL @ 2991.0usft (Patterson)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2991.0usft (Patterson)
Site:	Sec 9-25S-28E	North Reference:	Grid
Well:	San Lorenzo 9 OB Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
PBHL San Lorenzo 9	0.00	0.00	10,491.0	4,716.2	442.6	418,651.08	575,402.09	32° 9' 2.715 N	104° 5' 22.911 W
- plan hits target center									
- Point									

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	
9,893.1	9,893.1	0.0	0.0	Build 10°/100'
10,789.7	10,466.0	567.0	53.2	EOB @ 89.66° Inc / 5.36° Azm / 10466' TVD
14,957.1	10,491.0	4,716.2	442.6	TD @ 14957' MD / 10491' TVD

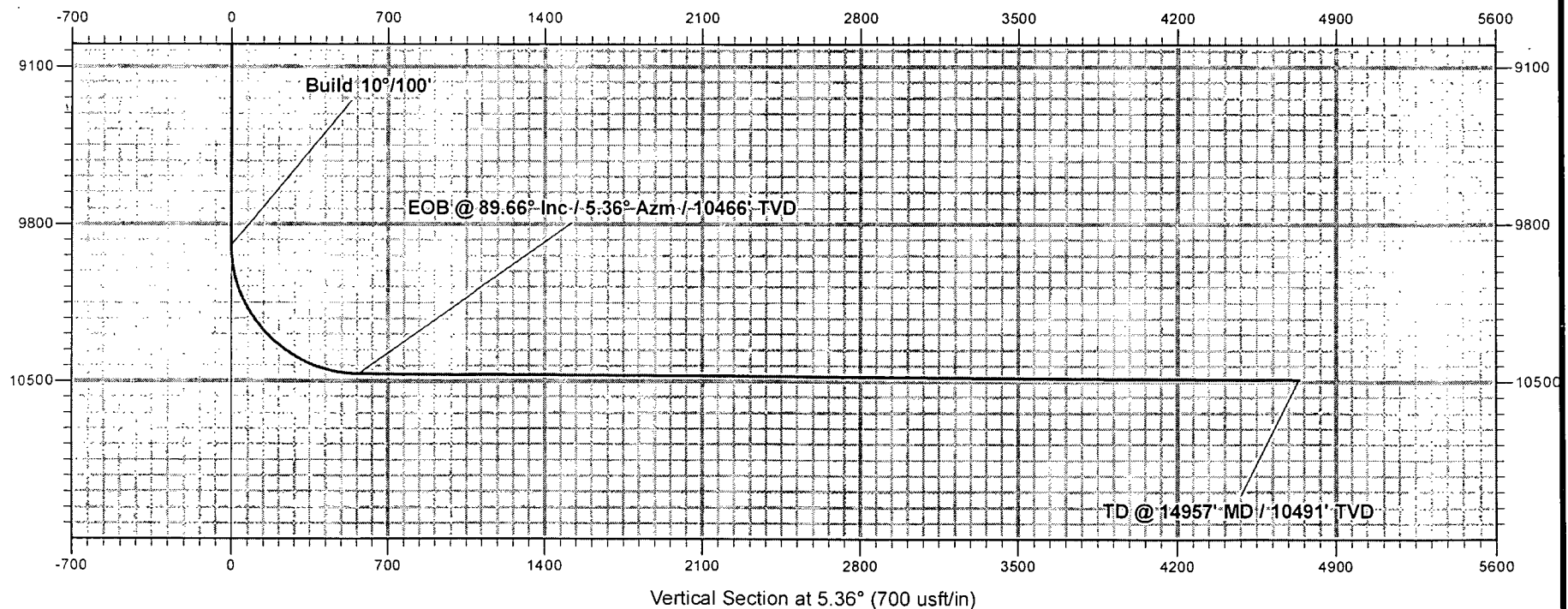
Mewbourne Oil Company

Eddy County, New Mexico

San Lorenzo 9 OB Fee #1H

Quote 130363

Design #2



Mewbourne Oil Company

Eddy County, New Mexico
San Lorenzo 9 OB Fee #1H
Quote 130363
Design #2

