

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
ARTESIA DISTRICT
OCT 25 2016 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-43939		² Pool Code 60660	³ Pool Name TURKEY TRACK BONE SPRING
⁴ Property Code	⁵ Property Name SAPPHIRE 11/12 B2CC STATE COM		⁶ Well Number 1H
⁷ GRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY		⁹ Elevation 3361'

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
C	11	19S	29E		390	NORTH	1500	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
C	12	19S	29E		660	NORTH	2310	WEST	EDDY

¹² Dedicated Acres 200	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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 GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N: 611655.9 - E: 587570.0 LAT: 32.68121863° N LONG: 104.04872075° W BOTTOM HOLE N: 611362.4 - E: 593662.9 LAT: 32.68036564° N LONG: 104.02892127° W			CORNER DATA NAD 27 GRID - NM EAST A: FOUND 1/2" IRON PIPE N: 606785.8 - E: 586087.1 B: FOUND 1/2" REBAR N: 612039.8 - E: 586069.0 C: FOUND LIMESTONE 12"x5"x9" N: 612050.2 - E: 588708.1 D: FOUND BRASS 1/2" REBAR N: 612034.0 - E: 591351.6 E: FOUND 1/2" REBAR N: 612020.5 - E: 594020.0			CORNER DATA NAD 27 GRID - NM EAST F: FOUND BRASS CAP "1916" N: 612006.8 - E: 596658.8 G: FOUND BRASS CAP NO TOP N: 609364.8 - E: 596650.2 H: FOUND BRASS CAP "1916" N: 606725.1 - E: 596641.2 I: FOUND 1" IRON PIPE N: 606754.9 - E: 591366.7 J: FOUND 1/2" IRON PIPE N: 606771.1 - E: 588726.9		
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 <u>Bradley Bishop</u> Date <u>10-21-16</u> Printed Name <u>BRADLEY BISHOP</u> 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. <u>9-27-2016</u> Date of Survey Signature and Seal of Professional Surveyor <u>[Signature]</u> 19680 Certificate Number								

16

S 89°46'29" W 2639.66' C N 89°38'53" W 2644.25' D S 89°42'35" E 2669.07' E S 89°42'12" E 2639.41' F

1500' 390' S 87°14'35" E (GRID) 6,101.42' (HORIZ.) WELL PATH 2310' B. H. 660'

PRODUCING AREA PROJECT AREA

S 00°11'50" E 5255.33' S 00°09'49" E 5280.36' N 00°11'05" E 2642.64' N 00°11'47" E 2640.39'

A N 89°40'54" W 2640.46' J N 89°38'53" W 2640.44' I S 89°40'33" E 5275.86' H

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 25 2016

RECEIVED

Mewbourne Oil Company

Eddy County, New Mexico

Sapphire 11/12 B2CC St Com #1H

Sec 11, T19S, R29E

SL: 390' FNL & 1500' FWL, Sec 11

BHL: 660' FNL & 2310' FWL, Sec 12

Plan: Design #1

Standard Planning Report

20 October, 2016

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Sapphire 11/12 B2CC St Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3388.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3388.0usft (Original Well Elev)
Site:	Sapphire 11/12 B2CC St Com #1H	North Reference:	Grid
Well:	Sec 11, T19S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 660' FNL & 2310' FWL, Sec 12		
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	Sapphire 11/12 B2CC St Com #1H		
Site Position:		Northing:	611,656.00 usft
From:	Map	Easting:	587,570.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 40' 52.389 N
		Longitude:	104° 2' 55.395 W
		Grid Convergence:	0.15 °

Well	Sec 11, T19S, R29E		
Well Position	+N-S	0.0 usft	Northing: 611,656.00 usft
	+E-W	0.0 usft	Easting: 587,570.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	3,388.0 usft
		Latitude:	32° 40' 52.389 N
		Longitude:	104° 2' 55.395 W
		Ground Level:	3,361.0 usft

Wellbore	BHL: 660' FNL & 2310' FWL, Sec 12				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF200510	12/31/2009	8.00	60.58	49,015

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	92.76

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N-S	+E-W	Dogleg	Build	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	
7,551.5	0.00	0.00	7,551.5	0.0	0.0	0.00	0.00	0.00	0.00	KOP @ 7552'
8,295.5	89.27	92.76	8,029.0	-22.7	470.8	12.00	12.00	0.00	92.76	
13,924.6	89.27	92.76	8,101.0	-294.0	6,093.0	0.00	0.00	0.00	0.00	BHL: 660' FNL & 2310'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Sapphire 11/12 B2CC St Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3388.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3388.0usft (Original Well Elev)
Site:	Sapphire 11/12 B2CC St Com #1H	North Reference:	Grid
Well:	Sec 11, T19S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 660' FNL & 2310' FWL, Sec 12		
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
SL: 390' FNL & 1500' FWL, Sec 11									
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

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Sapphire 11/12 B2CC St Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3388.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3388.0usft (Original Well Elev)
Site:	Sapphire 11/12 B2CC St Com #1H	North Reference:	Grid
Well:	Sec 11, T19S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL 660' FNL & 2310' FWL, Sec 12		
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)
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00
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
7,551.5	0.00	0.00	7,551.5	0.0	0.0	0.0	0.00	0.00	0.00
KOP @ 7552'									
7,600.0	5.81	92.76	7,599.9	-0.1	2.5	2.5	12.00	12.00	0.00
7,700.0	17.81	92.76	7,697.6	-1.1	22.9	22.9	12.00	12.00	0.00
7,800.0	29.81	92.76	7,788.9	-3.0	63.1	63.2	12.00	12.00	0.00
7,900.0	41.81	92.76	7,869.9	-5.9	121.5	121.6	12.00	12.00	0.00
8,000.0	53.81	92.76	7,936.9	-9.4	195.3	195.6	12.00	12.00	0.00
8,100.0	65.81	92.76	7,987.1	-13.6	281.5	281.8	12.00	12.00	0.00
8,200.0	77.81	92.76	8,018.3	-18.2	376.2	376.7	12.00	12.00	0.00
8,295.4	89.26	92.76	8,029.0	-22.7	470.8	471.3	12.00	12.00	0.00
LP: 410' FNL & 1970' FWL, Sec 11									
8,300.0	89.27	92.76	8,029.1	-22.9	475.4	475.9	0.12	0.12	0.00
8,400.0	89.27	92.76	8,030.3	-27.8	575.2	575.9	0.00	0.00	0.00
8,500.0	89.27	92.76	8,031.6	-32.6	675.1	675.9	0.00	0.00	0.00
8,600.0	89.27	92.76	8,032.9	-37.4	775.0	775.9	0.00	0.00	0.00
8,700.0	89.27	92.76	8,034.2	-42.2	874.9	875.9	0.00	0.00	0.00
8,800.0	89.27	92.76	8,035.5	-47.0	974.7	975.9	0.00	0.00	0.00
8,900.0	89.27	92.76	8,036.7	-51.9	1,074.6	1,075.9	0.00	0.00	0.00
9,000.0	89.27	92.76	8,038.0	-56.7	1,174.5	1,175.8	0.00	0.00	0.00
9,100.0	89.27	92.76	8,039.3	-61.5	1,274.4	1,275.8	0.00	0.00	0.00
9,200.0	89.27	92.76	8,040.6	-66.3	1,374.2	1,375.8	0.00	0.00	0.00
9,300.0	89.27	92.76	8,041.8	-71.1	1,474.1	1,475.8	0.00	0.00	0.00
9,400.0	89.27	92.76	8,043.1	-75.9	1,574.0	1,575.8	0.00	0.00	0.00
9,500.0	89.27	92.76	8,044.4	-80.8	1,673.9	1,675.8	0.00	0.00	0.00
9,600.0	89.27	92.76	8,045.7	-85.6	1,773.7	1,775.8	0.00	0.00	0.00
9,700.0	89.27	92.76	8,047.0	-90.4	1,873.6	1,875.8	0.00	0.00	0.00
9,800.0	89.27	92.76	8,048.2	-95.2	1,973.5	1,975.8	0.00	0.00	0.00
9,900.0	89.27	92.76	8,049.5	-100.0	2,073.4	2,075.8	0.00	0.00	0.00
10,000.0	89.27	92.76	8,050.8	-104.9	2,173.2	2,175.8	0.00	0.00	0.00
10,100.0	89.27	92.76	8,052.1	-109.7	2,273.1	2,275.8	0.00	0.00	0.00
10,200.0	89.27	92.76	8,053.4	-114.5	2,373.0	2,375.7	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Sapphire 11/12 B2CC St Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3388.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3388.0usft (Original Well Elev)
Site:	Sapphire 11/12 B2CC St Com #1H	North Reference:	Grid
Well:	Sec 11, T19S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 660' FNL & 2310' FWL, Sec 12		
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)
10,300.0	89.27	92.76	8,054.6	-119.3	2,472.9	2,475.7	0.00	0.00	0.00
10,400.0	89.27	92.76	8,055.9	-124.1	2,572.7	2,575.7	0.00	0.00	0.00
10,500.0	89.27	92.76	8,057.2	-129.0	2,672.6	2,675.7	0.00	0.00	0.00
10,600.0	89.27	92.76	8,058.5	-133.8	2,772.5	2,775.7	0.00	0.00	0.00
10,700.0	89.27	92.76	8,059.8	-138.6	2,872.4	2,875.7	0.00	0.00	0.00
10,800.0	89.27	92.76	8,061.0	-143.4	2,972.2	2,975.7	0.00	0.00	0.00
10,900.0	89.27	92.76	8,062.3	-148.2	3,072.1	3,075.7	0.00	0.00	0.00
11,000.0	89.27	92.76	8,063.6	-153.1	3,172.0	3,175.7	0.00	0.00	0.00
11,100.0	89.27	92.76	8,064.9	-157.9	3,271.9	3,275.7	0.00	0.00	0.00
11,200.0	89.27	92.76	8,066.2	-162.7	3,371.7	3,375.7	0.00	0.00	0.00
11,300.0	89.27	92.76	8,067.4	-167.5	3,471.6	3,475.7	0.00	0.00	0.00
11,400.0	89.27	92.76	8,068.7	-172.3	3,571.5	3,575.7	0.00	0.00	0.00
11,500.0	89.27	92.76	8,070.0	-177.2	3,671.4	3,675.6	0.00	0.00	0.00
11,600.0	89.27	92.76	8,071.3	-182.0	3,771.2	3,775.6	0.00	0.00	0.00
11,700.0	89.27	92.76	8,072.5	-186.8	3,871.1	3,875.6	0.00	0.00	0.00
11,800.0	89.27	92.76	8,073.8	-191.6	3,971.0	3,975.6	0.00	0.00	0.00
11,900.0	89.27	92.76	8,075.1	-196.4	4,070.9	4,075.6	0.00	0.00	0.00
12,000.0	89.27	92.76	8,076.4	-201.2	4,170.7	4,175.6	0.00	0.00	0.00
12,100.0	89.27	92.76	8,077.7	-206.1	4,270.6	4,275.6	0.00	0.00	0.00
12,200.0	89.27	92.76	8,078.9	-210.9	4,370.5	4,375.6	0.00	0.00	0.00
12,300.0	89.27	92.76	8,080.2	-215.7	4,470.4	4,475.6	0.00	0.00	0.00
12,400.0	89.27	92.76	8,081.5	-220.5	4,570.3	4,575.6	0.00	0.00	0.00
12,500.0	89.27	92.76	8,082.8	-225.3	4,670.1	4,675.6	0.00	0.00	0.00
12,600.0	89.27	92.76	8,084.1	-230.2	4,770.0	4,775.6	0.00	0.00	0.00
12,700.0	89.27	92.76	8,085.3	-235.0	4,869.9	4,875.5	0.00	0.00	0.00
12,800.0	89.27	92.76	8,086.6	-239.8	4,969.8	4,975.5	0.00	0.00	0.00
12,900.0	89.27	92.76	8,087.9	-244.6	5,069.6	5,075.5	0.00	0.00	0.00
13,000.0	89.27	92.76	8,089.2	-249.4	5,169.5	5,175.5	0.00	0.00	0.00
13,100.0	89.27	92.76	8,090.5	-254.3	5,269.4	5,275.5	0.00	0.00	0.00
13,200.0	89.27	92.76	8,091.7	-259.1	5,369.3	5,375.5	0.00	0.00	0.00
13,300.0	89.27	92.76	8,093.0	-263.9	5,469.1	5,475.5	0.00	0.00	0.00
13,400.0	89.27	92.76	8,094.3	-268.7	5,569.0	5,575.5	0.00	0.00	0.00
13,500.0	89.27	92.76	8,095.6	-273.5	5,668.9	5,675.5	0.00	0.00	0.00
13,600.0	89.27	92.76	8,096.8	-278.4	5,768.8	5,775.5	0.00	0.00	0.00
13,700.0	89.27	92.76	8,098.1	-283.2	5,868.6	5,875.5	0.00	0.00	0.00
13,800.0	89.27	92.76	8,099.4	-288.0	5,968.5	5,975.5	0.00	0.00	0.00
13,900.0	89.27	92.76	8,100.7	-292.8	6,068.4	6,075.4	0.00	0.00	0.00
13,924.6	89.27	92.76	8,101.0	-294.0	6,093.0	6,100.1	0.00	0.00	0.00

BHL: 660' FNL & 2310' FWL, Sec 12

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Sapphire 11/12 B2CC St Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3388.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 3388.0usft (Original Well Elev)
Site:	Sapphire 11/12 B2CC St Com #1H	North Reference:	Grid
Well:	Sec 11, T19S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 660' FNL & 2310' FWL, Sec 12		
Design:	Design #1		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
SL: 390' FNL & 1500' FV - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	611,656.00	587,570.00	32° 40' 52.389 N	104° 2' 55.395 W
KOP @ 7552' - plan hits target center - Point	0.00	0.00	7,551.5	0.0	0.0	611,656.00	587,570.00	32° 40' 52.389 N	104° 2' 55.395 W
LP: 410' FNL & 1970' FV - plan hits target center - Point	0.00	0.00	8,029.0	-22.7	470.8	611,633.30	588,040.80	32° 40' 52.151 N	104° 2' 49.887 W
BHL: 660' FNL & 2310' F - plan hits target center - Point	0.00	0.01	8,101.0	-294.0	6,093.0	611,362.00	593,663.00	32° 40' 49.312 N	104° 1' 44.115 W

Sapphire 11/12 B2CC St Com #1H

