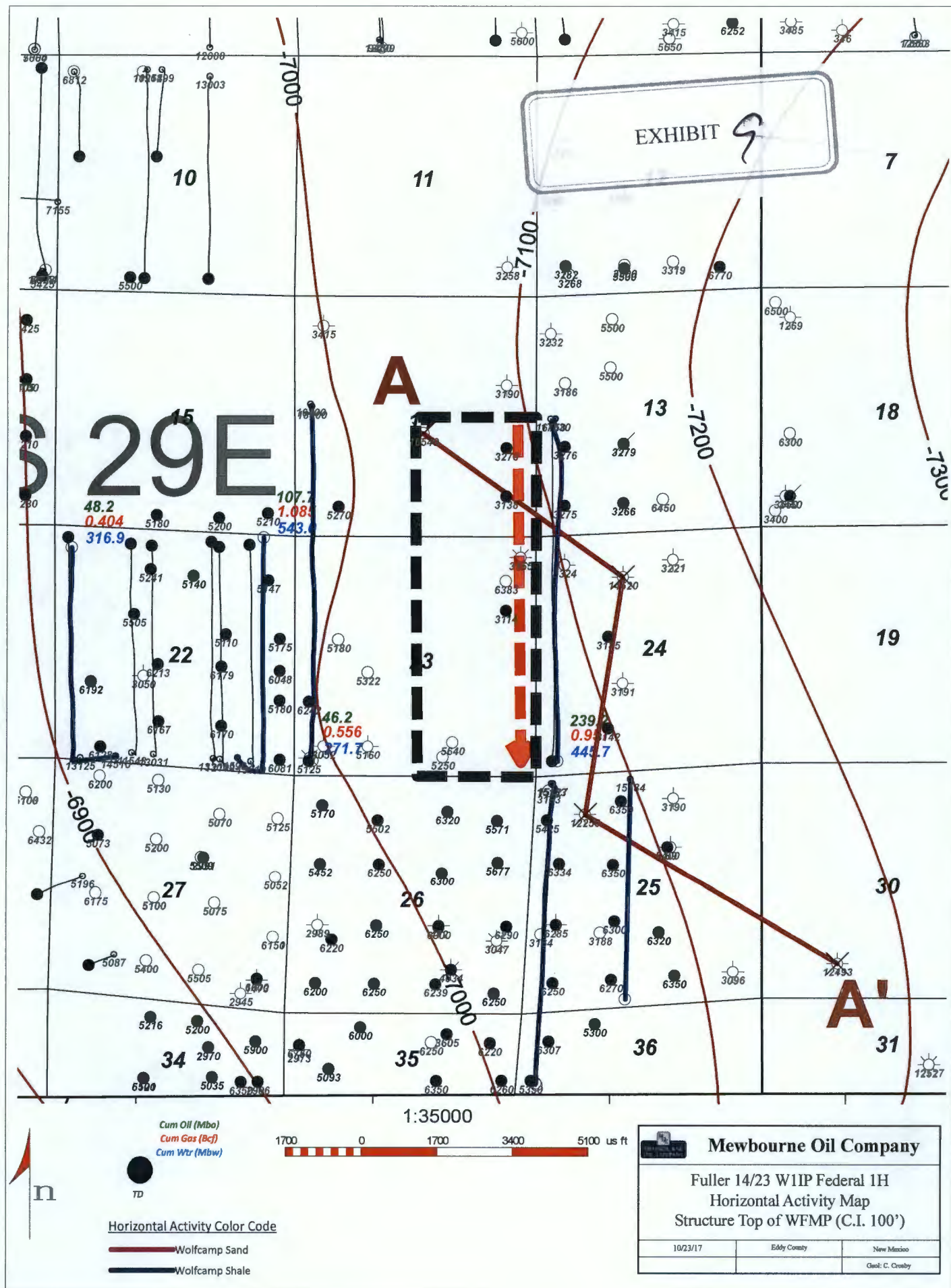




Mewbourne Oil Company

Fuller 14/23 W1IP Federal 1H
Horizontal Activity Map
Structure Top of WFMP (C.I. 100')

10/23/17	Eddy County	New Mexico
Geol: C. Crosby		

A
NW

MEWBOURNE OIL CO
FULLER 14 FEDERAL 1
Datum=2984.00
2301 FSL 2535 FEL
TWP: 28 S - Range: 29 E - Sec: 14

FULLER 14 FEDERAL 1
Datum=2984.00
2301 FSL 2535 FEL
TWP: 28 S - Range: 29 E - Sec: 14

FULLER 14 FEDERAL 1
Datum=2984.00
2301 FSL 2535 FEL
TWP: 28 S - Range: 29 E - Sec: 14

FULLER 14 FEDERAL 1
Datum=2984.00
2301 FSL 2535 FEL
TWP: 28 S - Range: 29 E - Sec: 14

A'
SE

30N

14J

24C

25D

0
WFMP

WFMP SDs

WFMP A

-500
WFMP B

WFMP C

-1000

WFMP D

0

-500

-1000



Fuller 14/23 W1IP Federal 1H
Cross Section Exhibit (A-A')

TD=14220.00
Cum Oil All Zones: 31537 bbls
Cum Gas All Zones: 1727590 MCF
Cum Water All Zones: 9980 bbls

TD=13180.00
Cum Oil All Zones: 1871 bbls
Cum Gas All Zones: 121115 MCF
Cum Water All Zones: 12388 bbls

TD=13432.00
Cum Oil All Zones: 1719 bbls
Cum Gas All Zones: 112207 MCF
Cum Water All Zones: 11511 bbls

Fuller 14/23 W1IP Fed 1H Offsets

Well Name	Operator	API	Location	WFMP Comp Date	Cum Oil (Mbo)	Cum Gas (BCF)	Cum Water (Mbw)	NS/EW	WFMP Zone
Pecos East Federal 22 9H	RKI	3001543349	22MD/26S/29E	5/14/2017	48	0.4	316	NS	WFMP D Shale
Ross Draw 25 3H	XTO	3001543472	26MD/26S/29E	7/14/2017	23	0.06	61	NS	WFMP A Shale
Fuller 13/24 W1LM Federal Com 3H	Mewbourne	3001543517	13LM/26S/29E	8/29/2016	239	0.9	445	NS	WFMP A Shale
East Pecos Federal Com 22-14H	RKI	3001543586	22PA/26S/29E	9/25/2016	107	1.1	543	NS	WFMP D Shale
Fuller 14/23 W2LM Federal Com 2H	Mewbourne	3001543859	14LM/26S/29E	5/12/2017	46	0.6	271	NS	WFMP D Shale
Ross Draw 25 3H	XTO	3001543473	25CN/26S/29E	Pending				NS	WFMP A Shale

Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Fuller 14/23 W1IP Fed #1H

Sec 14 , T26S, R29E

SL: 2500' FNL & 400' FEL, Sec 14

BHL: 330' FSL & 330' FEL, Sec 23

Plan: Design #1

Standard Planning Report

01 May, 2017

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W1IP Fed #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2979.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2979.0usft (Original Well Elev)
Site:	Fuller 14/23 W1IP Fed #1H	North Reference:	Grid
Well:	Sec 14 , T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 23		
Design:	Design #1		

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

Site		Fuller 14/23 W1IP Fed #1H			
Site Position:		Northing:	379,386.00 usft	Latitude:	32° 2' 32.723 N
From:	Map	Easting:	661,091.00 usft	Longitude:	103° 56' 48.624 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.21 °

Well		Sec 14 , T26S, R29E				
Well Position	+N/-S	0.0 usft	Northing:	379,386.00 usft	Latitude:	32° 2' 32.723 N
	+E/-W	0.0 usft	Easting:	661,091.00 usft	Longitude:	103° 56' 48.624 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	2,979.0 usft	Ground Level:	2,952.0 usft

Wellbore	BHL: 330' FSL & 330' FEL, Sec 23				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/28/2017	7.02	59.81	47,885

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	179.51

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)	TFQ (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
9,883.0	0.00	0.00	9,883.0	0.0	0.0	0.00	0.00	0.00	0.00	KOP @ 9883'
10,786.8	90.37	179.51	10,456.0	-576.7	4.9	10.00	10.00	0.00	179.51	
18,139.5	90.37	179.51	10,408.0	-7,929.0	68.0	0.00	0.00	0.00	0.00	BHL: 330' FSL & 330'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W1IP Fed #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2979.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2979.0usft (Original Well Elev)
Site:	Fuller 14/23 W1IP Fed #1H	North Reference:	Grid
Well:	Sec 14 , T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 23		
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: 2500' FNL & 400' FEL, 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	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
 Company: Mewbourne Oil Company
 Project: Eddy County, New Mexico NAD 83
 Site: Fuller 14/23 W1IP Fed #1H
 Well: Sec 14 , T26S, R29E
 Wellbore: BHL: 330' FSL & 330' FEL, Sec 23
 Design: Design #1

Local Co-ordinate Reference: Site Fuller 14/23 W1IP Fed #1H
 TVD Reference: WELL @ 2979.0usft (Original Well Elev)
 MD Reference: WELL @ 2979.0usft (Original Well Elev)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

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
7,600.0	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
9,883.0	0.00	0.00	9,883.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP @ 9883'									
9,900.0	1.70	179.51	9,900.0	-0.3	0.0	0.3	10.00	10.00	0.00
10,000.0	11.70	179.51	9,999.2	-11.9	0.1	11.9	10.00	10.00	0.00
10,100.0	21.70	179.51	10,094.9	-40.6	0.3	40.6	10.00	10.00	0.00
10,200.0	31.70	179.51	10,184.1	-85.5	0.7	85.5	10.00	10.00	0.00
10,300.0	41.69	179.51	10,264.2	-145.1	1.2	145.1	10.00	10.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W1IP Fed #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2979.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2979.0usft (Original Well Elev)
Site:	Fuller 14/23 W1IP Fed #1H	North Reference:	Grid
Well:	Sec 14 , T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 23		
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)	
10,400.0	51.69	179.51	10,332.7	-217.8	1.9	217.8	10.00	10.00	0.00	
10,500.0	61.69	179.51	10,387.5	-301.3	2.6	301.3	10.00	10.00	0.00	
10,600.0	71.69	179.51	10,427.0	-393.0	3.4	393.0	10.00	10.00	0.00	
10,700.0	81.69	179.51	10,450.0	-490.2	4.2	490.2	10.00	10.00	0.00	
10,735.0	85.20	179.51	10,454.0	-525.0	4.5	525.0	10.00	10.00	0.00	
FTP: 2361' FSL & 396' FEL, Sec 14										
10,786.8	90.37	179.51	10,456.0	-576.7	4.9	576.7	10.00	10.00	0.00	
LP: 2309' FSL & 395' FEL, Sec 14										
10,800.0	90.37	179.51	10,455.9	-589.9	5.1	589.9	0.00	0.00	0.00	
10,900.0	90.37	179.51	10,455.3	-689.9	5.9	689.9	0.00	0.00	0.00	
11,000.0	90.37	179.51	10,454.6	-789.9	6.8	789.9	0.00	0.00	0.00	
11,100.0	90.37	179.51	10,454.0	-889.9	7.6	889.9	0.00	0.00	0.00	
11,200.0	90.37	179.51	10,453.3	-989.9	8.5	989.9	0.00	0.00	0.00	
11,300.0	90.37	179.51	10,452.6	-1,089.9	9.3	1,089.9	0.00	0.00	0.00	
11,400.0	90.37	179.51	10,452.0	-1,189.9	10.2	1,189.9	0.00	0.00	0.00	
11,500.0	90.37	179.51	10,451.3	-1,289.8	11.1	1,289.9	0.00	0.00	0.00	
11,600.0	90.37	179.51	10,450.7	-1,389.8	11.9	1,389.9	0.00	0.00	0.00	
11,700.0	90.37	179.51	10,450.0	-1,489.8	12.8	1,489.9	0.00	0.00	0.00	
11,800.0	90.37	179.51	10,449.4	-1,589.8	13.6	1,589.9	0.00	0.00	0.00	
11,900.0	90.37	179.51	10,448.7	-1,689.8	14.5	1,689.9	0.00	0.00	0.00	
12,000.0	90.37	179.51	10,448.1	-1,789.8	15.3	1,789.9	0.00	0.00	0.00	
12,100.0	90.37	179.51	10,447.4	-1,889.8	16.2	1,889.9	0.00	0.00	0.00	
12,200.0	90.37	179.51	10,446.8	-1,989.8	17.1	1,989.9	0.00	0.00	0.00	
12,300.0	90.37	179.51	10,446.1	-2,089.8	17.9	2,089.9	0.00	0.00	0.00	
12,400.0	90.37	179.51	10,445.5	-2,189.8	18.8	2,189.9	0.00	0.00	0.00	
12,500.0	90.37	179.51	10,444.8	-2,289.8	19.6	2,289.9	0.00	0.00	0.00	
12,600.0	90.37	179.51	10,444.2	-2,389.8	20.5	2,389.9	0.00	0.00	0.00	
12,700.0	90.37	179.51	10,443.5	-2,489.8	21.4	2,489.9	0.00	0.00	0.00	
12,800.0	90.37	179.51	10,442.9	-2,589.8	22.2	2,589.9	0.00	0.00	0.00	
12,900.0	90.37	179.51	10,442.2	-2,689.8	23.1	2,689.9	0.00	0.00	0.00	
13,000.0	90.37	179.51	10,441.6	-2,789.8	23.9	2,789.9	0.00	0.00	0.00	
13,100.0	90.37	179.51	10,440.9	-2,889.8	24.8	2,889.9	0.00	0.00	0.00	
13,200.0	90.37	179.51	10,440.2	-2,989.7	25.6	2,989.9	0.00	0.00	0.00	
13,300.0	90.37	179.51	10,439.6	-3,089.7	26.5	3,089.9	0.00	0.00	0.00	
13,400.0	90.37	179.51	10,438.9	-3,189.7	27.4	3,189.9	0.00	0.00	0.00	
13,500.0	90.37	179.51	10,438.3	-3,289.7	28.2	3,289.9	0.00	0.00	0.00	
13,600.0	90.37	179.51	10,437.6	-3,389.7	29.1	3,389.8	0.00	0.00	0.00	
13,700.0	90.37	179.51	10,437.0	-3,489.7	29.9	3,489.8	0.00	0.00	0.00	
13,800.0	90.37	179.51	10,436.3	-3,589.7	30.8	3,589.8	0.00	0.00	0.00	
13,900.0	90.37	179.51	10,435.7	-3,689.7	31.6	3,689.8	0.00	0.00	0.00	
14,000.0	90.37	179.51	10,435.0	-3,789.7	32.5	3,789.8	0.00	0.00	0.00	
14,100.0	90.37	179.51	10,434.4	-3,889.7	33.4	3,889.8	0.00	0.00	0.00	
14,200.0	90.37	179.51	10,433.7	-3,989.7	34.2	3,989.8	0.00	0.00	0.00	
14,300.0	90.37	179.51	10,433.1	-4,089.7	35.1	4,089.8	0.00	0.00	0.00	
14,400.0	90.37	179.51	10,432.4	-4,189.7	35.9	4,189.8	0.00	0.00	0.00	
14,500.0	90.37	179.51	10,431.8	-4,289.7	36.8	4,289.8	0.00	0.00	0.00	
14,600.0	90.37	179.51	10,431.1	-4,389.7	37.6	4,389.8	0.00	0.00	0.00	
14,700.0	90.37	179.51	10,430.5	-4,489.7	38.5	4,489.8	0.00	0.00	0.00	
14,800.0	90.37	179.51	10,429.8	-4,589.7	39.4	4,589.8	0.00	0.00	0.00	
14,900.0	90.37	179.51	10,429.1	-4,689.6	40.2	4,689.8	0.00	0.00	0.00	
15,000.0	90.37	179.51	10,428.5	-4,789.6	41.1	4,789.8	0.00	0.00	0.00	
15,100.0	90.37	179.51	10,427.8	-4,889.6	41.9	4,889.8	0.00	0.00	0.00	
15,200.0	90.37	179.51	10,427.2	-4,989.6	42.8	4,989.8	0.00	0.00	0.00	
15,300.0	90.37	179.51	10,426.5	-5,089.6	43.6	5,089.8	0.00	0.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W1IP Fed #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2979.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2979.0usft (Original Well Elev)
Site:	Fuller 14/23 W1IP Fed #1H	North Reference:	Grid
Well:	Sec 14 , T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 23		
Design:	Design #1		

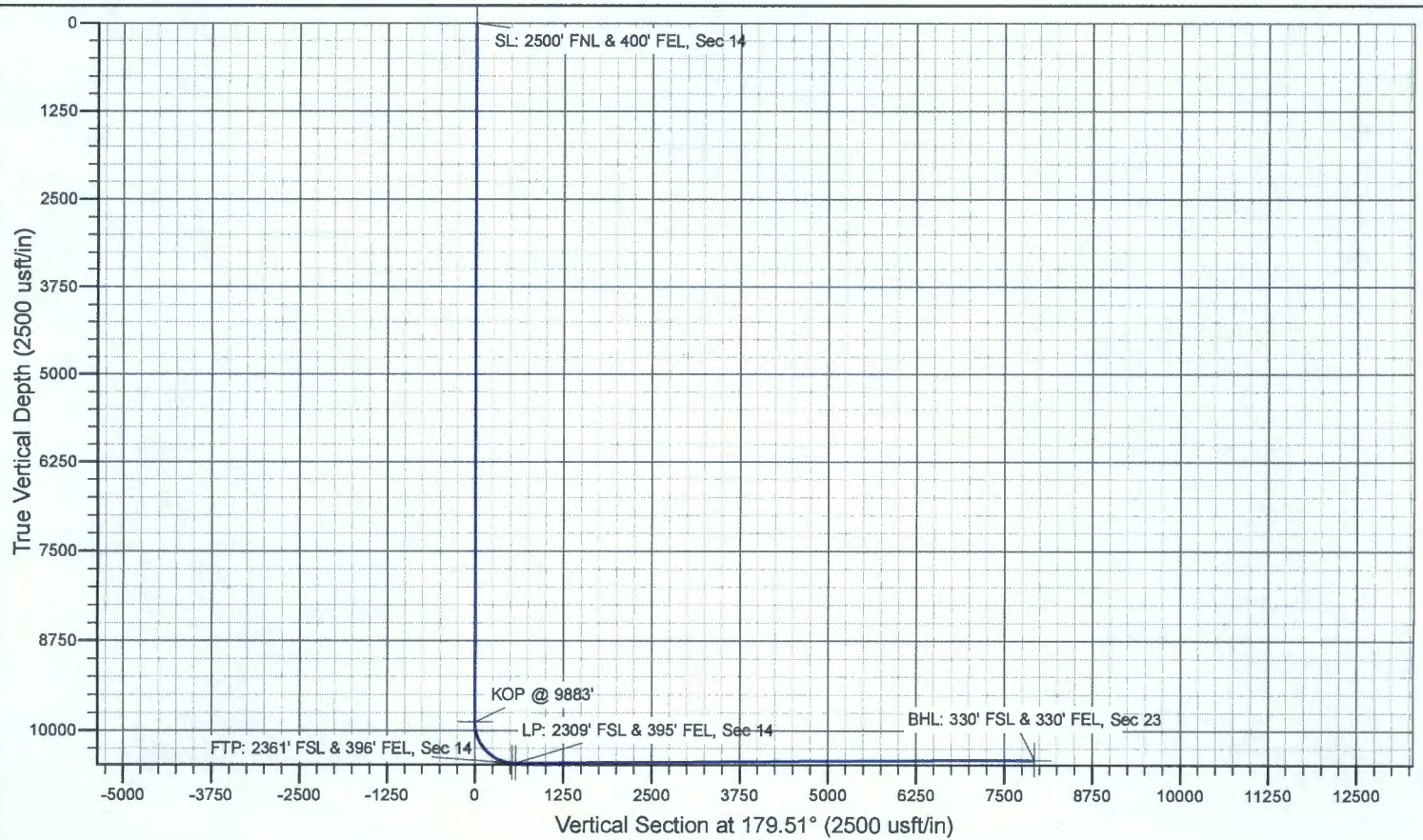
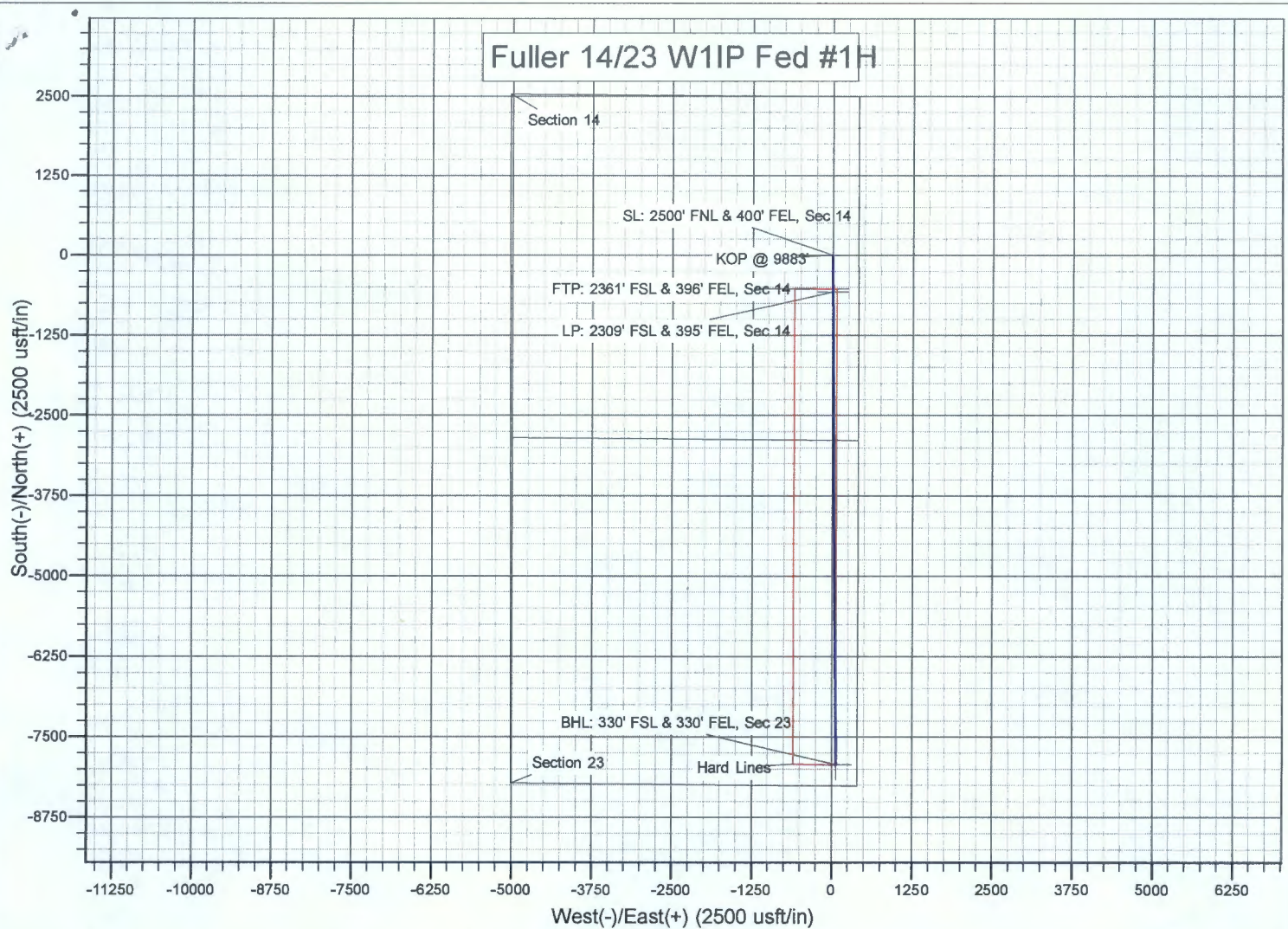
Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
15,400.0	90.37	179.51	10,425.9	-5,189.6	44.5	5,189.8	0.00	0.00	0.00	
15,500.0	90.37	179.51	10,425.2	-5,289.6	45.4	5,289.8	0.00	0.00	0.00	
15,600.0	90.37	179.51	10,424.6	-5,389.6	46.2	5,389.8	0.00	0.00	0.00	
15,700.0	90.37	179.51	10,423.9	-5,489.6	47.1	5,489.8	0.00	0.00	0.00	
15,800.0	90.37	179.51	10,423.3	-5,589.6	47.9	5,589.8	0.00	0.00	0.00	
15,900.0	90.37	179.51	10,422.6	-5,689.6	48.8	5,689.8	0.00	0.00	0.00	
16,000.0	90.37	179.51	10,422.0	-5,789.6	49.7	5,789.8	0.00	0.00	0.00	
16,100.0	90.37	179.51	10,421.3	-5,889.6	50.5	5,889.8	0.00	0.00	0.00	
16,200.0	90.37	179.51	10,420.7	-5,989.6	51.4	5,989.8	0.00	0.00	0.00	
16,300.0	90.37	179.51	10,420.0	-6,089.6	52.2	6,089.8	0.00	0.00	0.00	
16,400.0	90.37	179.51	10,419.4	-6,189.6	53.1	6,189.8	0.00	0.00	0.00	
16,500.0	90.37	179.51	10,418.7	-6,289.6	53.9	6,289.8	0.00	0.00	0.00	
16,600.0	90.37	179.51	10,418.1	-6,389.6	54.8	6,389.8	0.00	0.00	0.00	
16,700.0	90.37	179.51	10,417.4	-6,489.5	55.7	6,489.8	0.00	0.00	0.00	
16,800.0	90.37	179.51	10,416.7	-6,589.5	56.5	6,589.8	0.00	0.00	0.00	
16,900.0	90.37	179.51	10,416.1	-6,689.5	57.4	6,689.8	0.00	0.00	0.00	
17,000.0	90.37	179.51	10,415.4	-6,789.5	58.2	6,789.8	0.00	0.00	0.00	
17,100.0	90.37	179.51	10,414.8	-6,889.5	59.1	6,889.8	0.00	0.00	0.00	
17,200.0	90.37	179.51	10,414.1	-6,989.5	59.9	6,989.8	0.00	0.00	0.00	
17,300.0	90.37	179.51	10,413.5	-7,089.5	60.8	7,089.8	0.00	0.00	0.00	
17,400.0	90.37	179.51	10,412.8	-7,189.5	61.7	7,189.8	0.00	0.00	0.00	
17,500.0	90.37	179.51	10,412.2	-7,289.5	62.5	7,289.8	0.00	0.00	0.00	
17,600.0	90.37	179.51	10,411.5	-7,389.5	63.4	7,389.8	0.00	0.00	0.00	
17,700.0	90.37	179.51	10,410.9	-7,489.5	64.2	7,489.8	0.00	0.00	0.00	
17,800.0	90.37	179.51	10,410.2	-7,589.5	65.1	7,589.8	0.00	0.00	0.00	
17,900.0	90.37	179.51	10,409.6	-7,689.5	65.9	7,689.8	0.00	0.00	0.00	
18,000.0	90.37	179.51	10,408.9	-7,789.5	66.8	7,789.8	0.00	0.00	0.00	
18,100.0	90.37	179.51	10,408.3	-7,889.5	67.7	7,889.8	0.00	0.00	0.00	
18,139.5	90.37	179.51	10,408.0	-7,929.0	68.0	7,929.3	0.00	0.00	0.00	
BHL: 330' FSL & 330' FEL, Sec 23										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
SL: 2500' FNL & 400' FE - hit/miss target - Shape - Point	0.00	0.00	0.0	0.0	0.0	379,386.00	661,091.00	32° 2' 32.723 N	103° 56' 48.624 W	
KOP @ 9883' - plan hits target center - Point	0.00	0.00	9,883.0	0.0	0.0	379,386.00	661,091.00	32° 2' 32.723 N	103° 56' 48.624 W	
BHL: 330' FSL & 330' FE - plan hits target center - Point	0.00	0.00	10,408.0	-7,929.0	68.0	371,457.00	661,159.00	32° 1' 14.254 N	103° 56' 48.164 W	
FTP: 2361' FSL & 396' F - plan hits target center - Point	0.00	0.00	10,454.0	-525.0	4.5	378,861.00	661,095.51	32° 2' 27.527 N	103° 56' 48.594 W	
LP: 2309' FSL & 395' FE - plan hits target center - Point	0.00	0.00	10,456.0	-576.7	4.9	378,809.30	661,095.90	32° 2' 27.015 N	103° 56' 48.591 W	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W1IP Fed #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2979.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2979.0usft (Original Well Elev)
Site:	Fuller 14/23 W1IP Fed #1H	North Reference:	Grid
Well:	Sec 14 , T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 23		
Design:	Design #1		

Fuller 14/23 W1IP Fed #1H





Cum Oil (Mbo)
Cum Gas (Bcf)
Cum Wtr (Mbw)

Horizontal Activity Color Code

— Wolfcamp Sand
— Wolfcamp Shale

Mewbourne Oil Company

Fuller 14/23 W2IP Federal 4H
Horizontal Activity Map
Structure Top of WFMP (C.I. 100')

10/23/17

Eddy County

New Mexico

Geol: C. Crosby

A
NW

MEWBOURNE OIL CO
FULLER 14 FEDERAL S 1
Datum=2864.00
2301 FSL 2533 FSL
TWP: 28 S - Range: 29 E - Sec: 14

MEWBOURNE OIL CO
FULLER 14 FEDERAL S 1
Datum=2864.00
2301 FSL 2533 FSL
TWP: 28 S - Range: 29 E - Sec: 14

5373 R

MEWBOURNE OIL CO
FULLER 14 FEDERAL S 1
Datum=2864.00
2301 FSL 2533 FSL
TWP: 28 S - Range: 29 E - Sec: 14

6902 R

MEWBOURNE OIL CO
FULLER 14 FEDERAL S 1
Datum=2864.00
2301 FSL 2533 FSL
TWP: 28 S - Range: 29 E - Sec: 14

A'
SE

30N

14J

24C

25D

0

WFMP

WFMP SDs

WFMP A

-500

WFMP B

0

-500

WFMP C

-1000

WFMP D

-1000

29E

Fuller 14/23 W2IP Federal 4H

TD=14520.00
Cum Oil All Zones: 31537 bbls
Cum Gas All Zones: 1727590 MCF
Cum Water All Zones: 5960 bbls

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Cum Oil All Zones: 31537 bbls
Cum Gas All Zones: 1727590 MCF
Cum Water All Zones: 5960 bbls

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Cum Oil All Zones: 31537 bbls
Cum Gas All Zones: 1727590 MCF
Cum Water All Zones: 5960 bbls

Fuller 14/23 W2IP Federal 4H
Cross Section Exhibit (A-A')

Fuller 14/23 W2IP Federal 4H Offsets

Well Name	Operator	API	Location	WFMP Comp Date	Cum Oil (Mbo)	Cum Gas (BCF)	Cum Water (Mbw)	NS/EW	WFMP Zone
Pecos East Federal 22 9H	RKI	3001543349	22MD/26S/29E	5/14/2017	48	0.4	316	NS	WFMP D Shale
Ross Draw 25 3H	XTO	3001543472	26MD/26S/29E	7/14/2017	23	0.06	61	NS	WFMP A Shale
Fuller 13/24 W1LM Federal Com 3H	Mewbourne	3001543517	13LM/26S/29E	8/29/2016	239	0.9	445	NS	WFMP A Shale
East Pecos Federal Com 22-14H	RKI	3001543586	22PA/26S/29E	9/25/2016	107	1.1	543	NS	WFMP D Shale
Fuller 14/23 W2LM Federal Com 2H	Mewbourne	3001543859	14LM/26S/29E	5/12/2017	46	0.6	271	NS	WFMP D Shale
Ross Draw 25 3H	XTO	3001543473	25CN/26S/29E	Pending				NS	WFMP A Shale

Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Fuller 14/23 W2IP Fed #4H

Sec 14, T26S, R29E

SL: 2500' FNL & 350' FEL, Sec 14

BHL: 330' FSL & 440' FEL, Sec 23

Plan: Design #1

Standard Planning Report

02 May, 2017

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2IP Fed #4H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2980.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2980.0usft (Original Well Elev)
Site:	Fuller 14/23 W2IP Fed #4H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 440' FEL, Sec 23		
Design:	Design #1		

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

Site		Fuller 14/23 W2IP Fed #4H			
Site Position:		Northing:	379,385.00 usft	Latitude:	32° 2' 32.711 N
From:	Map	Easting:	661,141.00 usft	Longitude:	103° 56' 48.043 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.21 °

Well	Sec 14, T26S, R29E					
Well Position	+N/-S	0.0 usft	Northing:	379,385.00 usft	Latitude:	32° 2' 32.711 N
	+E/-W	0.0 usft	Easting:	661,141.00 usft	Longitude:	103° 56' 48.043 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	2,980.0 usft	Ground Level:	2,953.0 usft

Wellbore	BHL: 330' FSL & 440' FEL, Sec 23				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/2/2017	7.02	59.81	47,884

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	180.66

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)	TFD (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
10,744.0	0.00	0.00	10,744.0	0.0	0.0	0.00	0.00	0.00	0.00	KOP @ 10744'
11,646.8	90.27	180.66	11,317.0	-575.7	-6.7	10.00	10.00	0.00	-179.34	
18,998.7	90.27	180.66	11,282.0	-7,927.0	-92.0	0.00	0.00	0.00	0.00	BHL: 330' FSL & 440'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2IP Fed #4H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2980.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2980.0usft (Original Well Elev)
Site:	Fuller 14/23 W2IP Fed #4H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 440' FEL, Sec 23		
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: 2500' FNL & 350' FEL, 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	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 Fuller 14/23 W2IP Fed #4H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2980.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2980.0usft (Original Well Elev)
Site:	Fuller 14/23 W2IP Fed #4H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 440' FEL, Sec 23		
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	
7,600.0	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	
9,900.0	0.00	0.00	9,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
10,000.0	0.00	0.00	10,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
10,100.0	0.00	0.00	10,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
10,200.0	0.00	0.00	10,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
10,300.0	0.00	0.00	10,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
10,400.0	0.00	0.00	10,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
10,500.0	0.00	0.00	10,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
10,600.0	0.00	0.00	10,600.0	0.0	0.0	0.0	0.00	0.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2IP Fed #4H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2980.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2980.0usft (Original Well Elev)
Site:	Fuller 14/23 W2IP Fed #4H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 440' FEL, Sec 23		
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)
10,700.0	0.00	0.00	10,700.0	0.0	0.0	0.0	0.00	0.00	0.00
10,744.0	0.00	0.00	10,744.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP @ 10744'									
10,800.0	5.60	180.66	10,799.9	-2.7	0.0	2.7	10.00	10.00	0.00
10,900.0	15.60	180.66	10,898.1	-21.1	-0.2	21.1	10.00	10.00	0.00
11,000.0	25.60	180.66	10,991.6	-56.2	-0.7	56.2	10.00	10.00	0.00
11,100.0	35.60	180.66	11,077.5	-107.1	-1.2	107.1	10.00	10.00	0.00
11,200.0	45.60	180.66	11,153.4	-172.0	-2.0	172.0	10.00	10.00	0.00
11,300.0	55.60	180.66	11,216.8	-249.2	-2.9	249.2	10.00	10.00	0.00
11,400.0	65.60	180.66	11,265.8	-336.2	-3.9	336.2	10.00	10.00	0.00
11,500.0	75.59	180.66	11,299.0	-430.4	-5.0	430.4	10.00	10.00	0.00
11,596.1	85.20	180.66	11,315.0	-525.0	-6.1	525.0	10.00	10.00	0.00
FTP: 2361' FSL & 356' FEL, Sec 14									
11,600.0	85.59	180.66	11,315.3	-528.9	-6.1	529.0	10.00	10.00	0.00
11,646.8	90.27	180.66	11,317.0	-575.7	-8.7	575.7	9.99	9.99	0.00
LP: 2311' FSL & 357' FEL, Sec 14									
11,700.0	90.27	180.66	11,316.7	-628.9	-7.3	628.9	0.00	0.00	0.00
11,800.0	90.27	180.66	11,316.3	-728.9	-8.5	728.9	0.00	0.00	0.00
11,900.0	90.27	180.66	11,315.8	-828.9	-9.6	828.9	0.00	0.00	0.00
12,000.0	90.27	180.66	11,315.3	-928.8	-10.8	928.9	0.00	0.00	0.00
12,100.0	90.27	180.66	11,314.8	-1,028.8	-11.9	1,028.9	0.00	0.00	0.00
12,200.0	90.27	180.66	11,314.4	-1,128.8	-13.1	1,128.9	0.00	0.00	0.00
12,300.0	90.27	180.66	11,313.9	-1,228.8	-14.3	1,228.9	0.00	0.00	0.00
12,400.0	90.27	180.66	11,313.4	-1,328.8	-15.4	1,328.9	0.00	0.00	0.00
12,500.0	90.27	180.66	11,312.9	-1,428.8	-16.8	1,428.9	0.00	0.00	0.00
12,600.0	90.27	180.66	11,312.5	-1,528.8	-17.7	1,528.9	0.00	0.00	0.00
12,700.0	90.27	180.66	11,312.0	-1,628.8	-18.9	1,628.9	0.00	0.00	0.00
12,800.0	90.27	180.66	11,311.5	-1,728.8	-20.1	1,728.9	0.00	0.00	0.00
12,900.0	90.27	180.66	11,311.0	-1,828.8	-21.2	1,828.9	0.00	0.00	0.00
13,000.0	90.27	180.66	11,310.6	-1,928.8	-22.4	1,928.9	0.00	0.00	0.00
13,100.0	90.27	180.66	11,310.1	-2,028.8	-23.5	2,028.9	0.00	0.00	0.00
13,200.0	90.27	180.66	11,309.6	-2,128.8	-24.7	2,128.9	0.00	0.00	0.00
13,300.0	90.27	180.66	11,309.1	-2,228.7	-25.9	2,228.9	0.00	0.00	0.00
13,400.0	90.27	180.66	11,308.7	-2,328.7	-27.0	2,328.9	0.00	0.00	0.00
13,500.0	90.27	180.66	11,308.2	-2,428.7	-28.2	2,428.9	0.00	0.00	0.00
13,600.0	90.27	180.66	11,307.7	-2,528.7	-29.3	2,528.9	0.00	0.00	0.00
13,700.0	90.27	180.66	11,307.2	-2,628.7	-30.5	2,628.9	0.00	0.00	0.00
13,800.0	90.27	180.66	11,306.7	-2,728.7	-31.7	2,728.9	0.00	0.00	0.00
13,900.0	90.27	180.66	11,306.3	-2,828.7	-32.8	2,828.9	0.00	0.00	0.00
14,000.0	90.27	180.66	11,305.8	-2,928.7	-34.0	2,928.9	0.00	0.00	0.00
14,100.0	90.27	180.66	11,305.3	-3,028.7	-35.2	3,028.9	0.00	0.00	0.00
14,200.0	90.27	180.66	11,304.8	-3,128.7	-36.3	3,128.9	0.00	0.00	0.00
14,300.0	90.27	180.66	11,304.4	-3,228.7	-37.5	3,228.9	0.00	0.00	0.00
14,400.0	90.27	180.66	11,303.9	-3,328.7	-38.6	3,328.9	0.00	0.00	0.00
14,500.0	90.27	180.66	11,303.4	-3,428.6	-39.8	3,428.9	0.00	0.00	0.00
14,600.0	90.27	180.66	11,302.9	-3,528.6	-41.0	3,528.9	0.00	0.00	0.00
14,700.0	90.27	180.66	11,302.5	-3,628.6	-42.1	3,628.9	0.00	0.00	0.00
14,800.0	90.27	180.66	11,302.0	-3,728.6	-43.3	3,728.9	0.00	0.00	0.00
14,900.0	90.27	180.66	11,301.5	-3,828.6	-44.4	3,828.9	0.00	0.00	0.00
15,000.0	90.27	180.66	11,301.0	-3,928.6	-45.6	3,928.9	0.00	0.00	0.00
15,100.0	90.27	180.66	11,300.6	-4,028.6	-46.8	4,028.9	0.00	0.00	0.00
15,200.0	90.27	180.66	11,300.1	-4,128.6	-47.9	4,128.9	0.00	0.00	0.00
15,300.0	90.27	180.66	11,299.6	-4,228.6	-49.1	4,228.9	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2IP Fed #4H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2980.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2980.0usft (Original Well Elev)
Site:	Fuller 14/23 W2IP Fed #4H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 440' FEL, Sec 23		
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)
15,400.0	90.27	180.66	11,299.1	-4,328.6	-50.2	4,328.9	0.00	0.00	0.00
15,500.0	90.27	180.66	11,298.7	-4,428.6	-51.4	4,428.9	0.00	0.00	0.00
15,600.0	90.27	180.66	11,298.2	-4,528.6	-52.6	4,528.9	0.00	0.00	0.00
15,700.0	90.27	180.66	11,297.7	-4,628.6	-53.7	4,628.9	0.00	0.00	0.00
15,800.0	90.27	180.66	11,297.2	-4,728.5	-54.9	4,728.9	0.00	0.00	0.00
15,900.0	90.27	180.66	11,296.8	-4,828.5	-56.0	4,828.9	0.00	0.00	0.00
16,000.0	90.27	180.66	11,296.3	-4,928.5	-57.2	4,928.9	0.00	0.00	0.00
16,100.0	90.27	180.66	11,295.8	-5,028.5	-58.4	5,028.9	0.00	0.00	0.00
16,200.0	90.27	180.66	11,295.3	-5,128.5	-59.5	5,128.9	0.00	0.00	0.00
16,300.0	90.27	180.66	11,294.8	-5,228.5	-60.7	5,228.9	0.00	0.00	0.00
16,400.0	90.27	180.66	11,294.4	-5,328.5	-61.8	5,328.9	0.00	0.00	0.00
16,500.0	90.27	180.66	11,293.9	-5,428.5	-63.0	5,428.9	0.00	0.00	0.00
16,600.0	90.27	180.66	11,293.4	-5,528.5	-64.2	5,528.9	0.00	0.00	0.00
16,700.0	90.27	180.66	11,292.9	-5,628.5	-65.3	5,628.9	0.00	0.00	0.00
16,800.0	90.27	180.66	11,292.5	-5,728.5	-66.5	5,728.9	0.00	0.00	0.00
16,900.0	90.27	180.66	11,292.0	-5,828.5	-67.6	5,828.9	0.00	0.00	0.00
17,000.0	90.27	180.66	11,291.5	-5,928.5	-68.8	5,928.9	0.00	0.00	0.00
17,100.0	90.27	180.66	11,291.0	-6,028.4	-70.0	6,028.9	0.00	0.00	0.00
17,200.0	90.27	180.66	11,290.6	-6,128.4	-71.1	6,128.8	0.00	0.00	0.00
17,300.0	90.27	180.66	11,290.1	-6,228.4	-72.3	6,228.8	0.00	0.00	0.00
17,400.0	90.27	180.66	11,289.6	-6,328.4	-73.4	6,328.8	0.00	0.00	0.00
17,500.0	90.27	180.66	11,289.1	-6,428.4	-74.6	6,428.8	0.00	0.00	0.00
17,600.0	90.27	180.66	11,288.7	-6,528.4	-75.8	6,528.8	0.00	0.00	0.00
17,700.0	90.27	180.66	11,288.2	-6,628.4	-76.9	6,628.8	0.00	0.00	0.00
17,800.0	90.27	180.66	11,287.7	-6,728.4	-78.1	6,728.8	0.00	0.00	0.00
17,900.0	90.27	180.66	11,287.2	-6,828.4	-79.2	6,828.8	0.00	0.00	0.00
18,000.0	90.27	180.66	11,286.8	-6,928.4	-80.4	6,928.8	0.00	0.00	0.00
18,100.0	90.27	180.66	11,286.3	-7,028.4	-81.6	7,028.8	0.00	0.00	0.00
18,200.0	90.27	180.66	11,285.8	-7,128.4	-82.7	7,128.8	0.00	0.00	0.00
18,300.0	90.27	180.66	11,285.3	-7,228.4	-83.9	7,228.8	0.00	0.00	0.00
18,400.0	90.27	180.66	11,284.9	-7,328.3	-85.1	7,328.8	0.00	0.00	0.00
18,500.0	90.27	180.66	11,284.4	-7,428.3	-86.2	7,428.8	0.00	0.00	0.00
18,600.0	90.27	180.66	11,283.9	-7,528.3	-87.4	7,528.8	0.00	0.00	0.00
18,700.0	90.27	180.66	11,283.4	-7,628.3	-88.5	7,628.8	0.00	0.00	0.00
18,800.0	90.27	180.66	11,282.9	-7,728.3	-89.7	7,728.8	0.00	0.00	0.00
18,900.0	90.27	180.66	11,282.5	-7,828.3	-90.9	7,828.8	0.00	0.00	0.00
18,998.7	90.27	180.66	11,282.0	-7,927.0	-92.0	7,927.5	0.00	0.00	0.00
BHL: 330' FSL & 440' FEL, Sec 23									

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2IP Fed #4H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2980.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2980.0usft (Original Well Elev)
Site:	Fuller 14/23 W2IP Fed #4H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 440' FEL, Sec 23		
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
SL: 2500' FNL & 350' FE - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	379,385.00	661,141.00	32° 2' 32.711 N	103° 56' 48.043 W
KOP @ 10744' - plan hits target center - Point	0.00	0.00	10,744.0	0.0	0.0	379,385.00	661,141.00	32° 2' 32.711 N	103° 56' 48.043 W
BHL: 330' FSL & 440' FE - plan hits target center - Point	0.00	0.00	11,282.0	-7,927.0	-92.0	371,458.00	661,049.00	32° 1' 14.268 N	103° 56' 49.442 W
FTP: 2361' FSL & 356' F - plan hits target center - Point	0.00	0.00	11,315.0	-525.0	-6.1	378,860.00	661,134.91	32° 2' 27.516 N	103° 56' 48.136 W
LP: 2311' FSL & 357' FE - plan hits target center - Point	0.00	0.00	11,317.0	-575.7	-6.7	378,809.30	661,134.30	32° 2' 27.014 N	103° 56' 48.145 W

Fuller 14/23 W2IP Fed #4H

