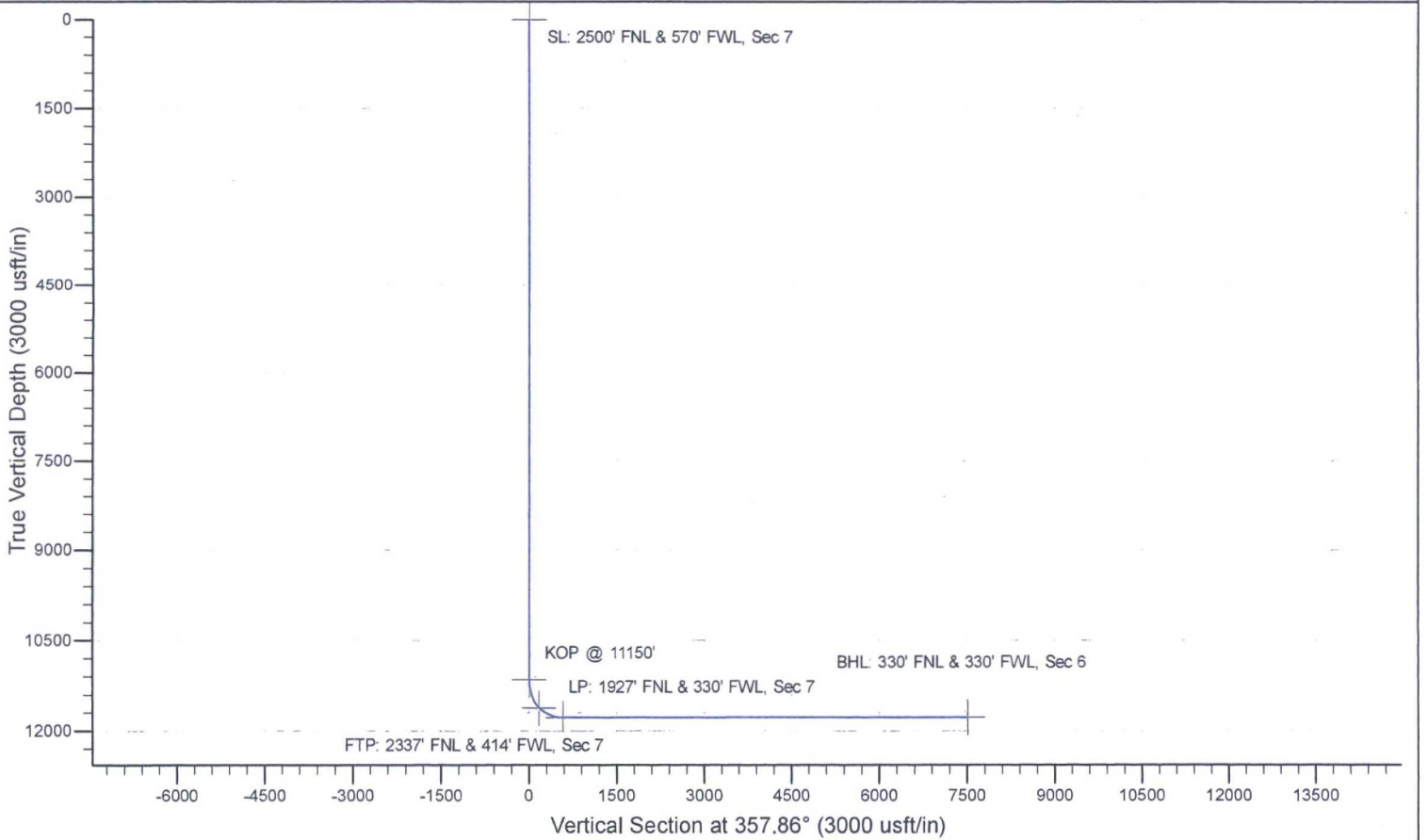
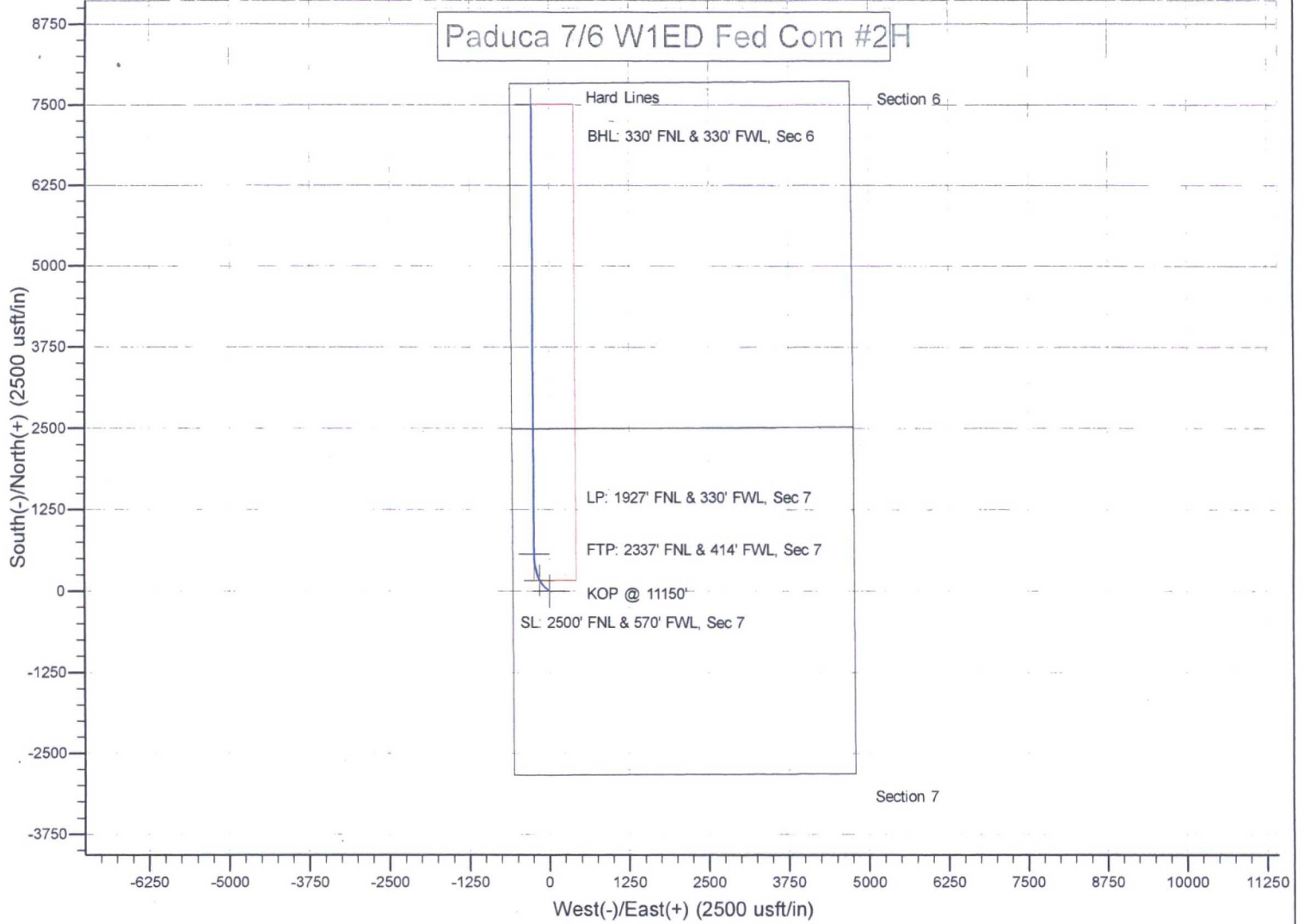


Paduca 7/6 W1ED Fed Com #2H



Mewbourne Oil Company

Lea County, New Mexico NAD 83

Paduca 7/6 W1ED Fed Com #2H

Sec 7, T26S, R32E

SL: 2500' FNL & 570' FWL, Sec 7

BHL: 330' FNL & 330' FWL, Sec 6

Plan: Design #1

Standard Planning Report

25 April, 2017

Planning Report

Database: Hobbs
Company: Mewbourne Oil Company
Project: Lea County, New Mexico NAD 83
Site: Paduca 7/6 W1ED Fed Com #2H
Well: Sec 7, T26S, R32E
Wellbore: BHL: 330' FNL & 330' FWL, Sec 6
Design: Design #1

Local Co-ordinate Reference: Site Paduca 7/6 W1ED Fed Com #2H
TVD Reference: WELL @ 3275.0usft (Original Well Elev)
MD Reference: WELL @ 3275.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project	Lea 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		Paduca 7/6 W1ED Fed Com #2H			
Site Position:		Northing:	385,378.00 usft	Latitude:	32° 3' 28.822 N
From:	Map	Easting:	730,964.00 usft	Longitude:	103° 43' 16.431 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.32 °

Well	Sec 7, T26S, R32E					
Well Position	+N/-S	0.0 usft	Northing:	385,378.00 usft	Latitude:	32° 3' 28.822 N
	+E/-W	0.0 usft	Easting:	730,964.00 usft	Longitude:	103° 43' 16.431 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	3,275.0 usft	Ground Level:	3,248.0 usft

Wellbore	BHL: 330' FNL & 330' FWL, Sec 6				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2010	4/25/2017	(°)	(°)	(nT)
			6.92	59.86	47,917

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	357.86	

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(usft)	(°)	(°)	(usft)	(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	
11,150.0	0.00	0.00	11,150.0	0.0	0.0	0.00	0.00	0.00	0.00	
11,479.9	32.99	307.53	11,462.0	56.3	-73.3	10.00	10.00	0.00	307.53	
12,151.4	90.08	359.69	11,785.0	570.0	-242.0	10.51	8.50	7.77	56.87	LP: 1927' FNL & 330'
19,085.5	90.08	359.69	11,775.0	7,504.0	-280.0	0.00	0.00	0.00	0.00	BHL: 330' FNL & 330'

Planning Report

Database: Hobbs
 Company: Mewbourne Oil Company
 Project: Lea County, New Mexico NAD 83
 Site: Paduca 7/6 W1ED Fed Com #2H
 Well: Sec 7, T26S, R32E
 Wellbore: BHL: 330' FNL & 330' FWL, Sec 6
 Design: Design #1

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:

Site Paduca 7/6 W1ED Fed Com #2H
 WELL @ 3275.0usft (Original Well Elev)
 WELL @ 3275.0usft (Original Well Elev)
 Grid
 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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
SL: 2500' FNL & 570' FWL, Sec 7									
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: Lea County, New Mexico NAD 83
Site: Paduca 7/6 W1ED Fed Com #2H
Well: Sec 7, T26S, R32E
Wellbore: BHL: 330' FNL & 330' FWL, Sec 6
Design: Design #1

Local Co-ordinate Reference: Site Paduca 7/6 W1ED Fed Com #2H
TVD Reference: WELL @ 3275.0usft (Original Well Elev)
MD Reference: WELL @ 3275.0usft (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
9,900.0	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
 Company: Mewbourne Oil Company
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 Site: Paduca 7/6 W1ED Fed Com #2H
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 Wellbore: BHL: 330' FNL & 330' FWL, Sec 6
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 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)
10,700.0	0.00	0.00	10,700.0	0.0	0.0	0.0	0.00	0.00	0.00
10,800.0	0.00	0.00	10,800.0	0.0	0.0	0.0	0.00	0.00	0.00
10,900.0	0.00	0.00	10,900.0	0.0	0.0	0.0	0.00	0.00	0.00
11,000.0	0.00	0.00	11,000.0	0.0	0.0	0.0	0.00	0.00	0.00
11,100.0	0.00	0.00	11,100.0	0.0	0.0	0.0	0.00	0.00	0.00
11,150.0	0.00	0.00	11,150.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP @ 11150'									
11,200.0	5.00	307.53	11,199.9	1.3	-1.7	1.4	10.00	10.00	0.00
11,300.0	15.00	307.53	11,298.3	11.9	-15.5	12.5	10.00	10.00	0.00
11,400.0	25.00	307.53	11,392.1	32.7	-42.6	34.3	10.00	10.00	0.00
11,479.9	32.99	307.53	11,462.0	56.3	-73.3	59.0	10.00	10.00	0.00
11,500.0	34.19	310.67	11,478.7	63.3	-81.9	66.3	10.51	5.94	15.67
11,600.0	41.11	323.68	11,558.0	108.2	-122.8	112.7	10.51	6.92	13.01
11,691.6	48.42	332.60	11,623.0	163.0	-156.5	168.7	10.51	7.98	9.74
FTP: 2337' FNL & 414' FWL, Sec 7									
11,700.0	49.12	333.31	11,628.6	168.6	-159.3	174.5	10.51	8.36	8.47
11,800.0	57.76	340.78	11,688.1	242.6	-190.3	249.5	10.51	8.64	7.47
11,900.0	66.75	346.93	11,734.7	327.5	-214.7	335.3	10.51	9.00	6.14
12,000.0	75.96	352.28	11,766.6	420.6	-231.7	428.9	10.51	9.21	5.35
12,100.0	85.28	357.22	11,782.9	518.7	-240.6	527.3	10.51	9.31	4.94
12,151.4	90.08	359.69	11,785.0	570.0	-242.0	578.6	10.51	9.35	4.80
LP: 1927' FNL & 330' FWL, Sec 7									
12,200.0	90.08	359.69	11,784.9	618.6	-242.3	627.2	0.00	0.00	0.00
12,300.0	90.08	359.69	11,784.8	718.6	-242.8	727.1	0.00	0.00	0.00
12,400.0	90.08	359.69	11,784.6	818.6	-243.4	827.1	0.00	0.00	0.00
12,500.0	90.08	359.69	11,784.5	918.6	-243.9	927.0	0.00	0.00	0.00
12,600.0	90.08	359.69	11,784.4	1,018.6	-244.5	1,027.0	0.00	0.00	0.00
12,700.0	90.08	359.69	11,784.2	1,118.6	-245.0	1,126.9	0.00	0.00	0.00
12,800.0	90.08	359.69	11,784.1	1,218.6	-245.6	1,226.9	0.00	0.00	0.00
12,900.0	90.08	359.69	11,783.9	1,318.6	-246.1	1,326.8	0.00	0.00	0.00
13,000.0	90.08	359.69	11,783.8	1,418.6	-246.7	1,426.8	0.00	0.00	0.00
13,100.0	90.08	359.69	11,783.6	1,518.6	-247.2	1,526.7	0.00	0.00	0.00
13,200.0	90.08	359.69	11,783.5	1,618.6	-247.7	1,626.7	0.00	0.00	0.00
13,300.0	90.08	359.69	11,783.3	1,718.6	-248.3	1,726.6	0.00	0.00	0.00
13,400.0	90.08	359.69	11,783.2	1,818.6	-248.8	1,826.6	0.00	0.00	0.00
13,500.0	90.08	359.69	11,783.1	1,918.6	-249.4	1,926.5	0.00	0.00	0.00
13,600.0	90.08	359.69	11,782.9	2,018.6	-249.9	2,026.5	0.00	0.00	0.00
13,700.0	90.08	359.69	11,782.8	2,118.6	-250.5	2,126.4	0.00	0.00	0.00
13,800.0	90.08	359.69	11,782.6	2,218.6	-251.0	2,226.4	0.00	0.00	0.00
13,900.0	90.08	359.69	11,782.5	2,318.6	-251.6	2,326.3	0.00	0.00	0.00
14,000.0	90.08	359.69	11,782.3	2,418.6	-252.1	2,426.3	0.00	0.00	0.00
14,100.0	90.08	359.69	11,782.2	2,518.6	-252.7	2,526.2	0.00	0.00	0.00
14,200.0	90.08	359.69	11,782.0	2,618.6	-253.2	2,626.2	0.00	0.00	0.00
14,300.0	90.08	359.69	11,781.9	2,718.6	-253.8	2,726.1	0.00	0.00	0.00
14,400.0	90.08	359.69	11,781.8	2,818.6	-254.3	2,826.1	0.00	0.00	0.00
14,500.0	90.08	359.69	11,781.6	2,918.6	-254.9	2,926.0	0.00	0.00	0.00
14,600.0	90.08	359.69	11,781.5	3,018.6	-255.4	3,026.0	0.00	0.00	0.00
14,700.0	90.08	359.69	11,781.3	3,118.5	-256.0	3,125.9	0.00	0.00	0.00
14,800.0	90.08	359.69	11,781.2	3,218.5	-256.5	3,225.9	0.00	0.00	0.00
14,900.0	90.08	359.69	11,781.0	3,318.5	-257.1	3,325.8	0.00	0.00	0.00
15,000.0	90.08	359.69	11,780.9	3,418.5	-257.6	3,425.8	0.00	0.00	0.00
15,100.0	90.08	359.69	11,780.7	3,518.5	-258.2	3,525.7	0.00	0.00	0.00
15,200.0	90.08	359.69	11,780.6	3,618.5	-258.7	3,625.7	0.00	0.00	0.00

Planning Report

Database: Hobbs
Company: Mewbourne Oil Company
Project: Lea County, New Mexico NAD 83
Site: Paduca 7/6 W1ED Fed Com #2H
Well: Sec 7, T26S, R32E
Wellbore: BHL: 330' FNL & 330' FWL, Sec 6
Design: Design #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Site Paduca 7/6 W1ED Fed Com #2H
 WELL @ 3275.0usft (Original Well Elev)
 WELL @ 3275.0usft (Original Well Elev)
 Grid
 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)
15,300.0	90.08	359.69	11,780.5	3,718.5	-259.3	3,725.6	0.00	0.00	0.00
15,400.0	90.08	359.69	11,780.3	3,818.5	-259.8	3,825.6	0.00	0.00	0.00
15,500.0	90.08	359.69	11,780.2	3,918.5	-260.4	3,925.5	0.00	0.00	0.00
15,600.0	90.08	359.69	11,780.0	4,018.5	-260.9	4,025.5	0.00	0.00	0.00
15,700.0	90.08	359.69	11,779.9	4,118.5	-261.4	4,125.4	0.00	0.00	0.00
15,800.0	90.08	359.69	11,779.7	4,218.5	-262.0	4,225.4	0.00	0.00	0.00
15,900.0	90.08	359.69	11,779.6	4,318.5	-262.5	4,325.3	0.00	0.00	0.00
16,000.0	90.08	359.69	11,779.4	4,418.5	-263.1	4,425.3	0.00	0.00	0.00
16,100.0	90.08	359.69	11,779.3	4,518.5	-263.6	4,525.2	0.00	0.00	0.00
16,200.0	90.08	359.69	11,779.2	4,618.5	-264.2	4,625.2	0.00	0.00	0.00
16,300.0	90.08	359.69	11,779.0	4,718.5	-264.7	4,725.1	0.00	0.00	0.00
16,400.0	90.08	359.69	11,778.9	4,818.5	-265.3	4,825.1	0.00	0.00	0.00
16,500.0	90.08	359.69	11,778.7	4,918.5	-265.8	4,925.0	0.00	0.00	0.00
16,600.0	90.08	359.69	11,778.6	5,018.5	-266.4	5,025.0	0.00	0.00	0.00
16,700.0	90.08	359.69	11,778.4	5,118.5	-266.9	5,124.9	0.00	0.00	0.00
16,800.0	90.08	359.69	11,778.3	5,218.5	-267.5	5,224.9	0.00	0.00	0.00
16,900.0	90.08	359.69	11,778.2	5,318.5	-268.0	5,324.8	0.00	0.00	0.00
17,000.0	90.08	359.69	11,778.0	5,418.5	-268.6	5,424.8	0.00	0.00	0.00
17,100.0	90.08	359.69	11,777.9	5,518.5	-269.1	5,524.7	0.00	0.00	0.00
17,200.0	90.08	359.69	11,777.7	5,618.5	-269.7	5,624.7	0.00	0.00	0.00
17,300.0	90.08	359.69	11,777.6	5,718.5	-270.2	5,724.6	0.00	0.00	0.00
17,400.0	90.08	359.69	11,777.4	5,818.5	-270.8	5,824.6	0.00	0.00	0.00
17,500.0	90.08	359.69	11,777.3	5,918.5	-271.3	5,924.5	0.00	0.00	0.00
17,600.0	90.08	359.69	11,777.1	6,018.5	-271.9	6,024.5	0.00	0.00	0.00
17,700.0	90.08	359.69	11,777.0	6,118.5	-272.4	6,124.4	0.00	0.00	0.00
17,800.0	90.08	359.69	11,776.9	6,218.5	-273.0	6,224.4	0.00	0.00	0.00
17,900.0	90.08	359.69	11,776.7	6,318.5	-273.5	6,324.3	0.00	0.00	0.00
18,000.0	90.08	359.69	11,776.6	6,418.5	-274.1	6,424.3	0.00	0.00	0.00
18,100.0	90.08	359.69	11,776.4	6,518.5	-274.6	6,524.2	0.00	0.00	0.00
18,200.0	90.08	359.69	11,776.3	6,618.5	-275.1	6,624.1	0.00	0.00	0.00
18,300.0	90.08	359.69	11,776.1	6,718.5	-275.7	6,724.1	0.00	0.00	0.00
18,400.0	90.08	359.69	11,776.0	6,818.5	-276.2	6,824.0	0.00	0.00	0.00
18,500.0	90.08	359.69	11,775.8	6,918.5	-276.8	6,924.0	0.00	0.00	0.00
18,600.0	90.08	359.69	11,775.7	7,018.5	-277.3	7,023.9	0.00	0.00	0.00
18,700.0	90.08	359.69	11,775.6	7,118.5	-277.9	7,123.9	0.00	0.00	0.00
18,800.0	90.08	359.69	11,775.4	7,218.5	-278.4	7,223.8	0.00	0.00	0.00
18,900.0	90.08	359.69	11,775.3	7,318.5	-279.0	7,323.8	0.00	0.00	0.00
19,000.0	90.08	359.69	11,775.1	7,418.5	-279.5	7,423.7	0.00	0.00	0.00
19,085.5	90.08	359.69	11,775.0	7,504.0	-280.0	7,509.2	0.00	0.00	0.00

BHL: 330' FNL & 330' FWL, Sec 6

Planning Report

Database: Hobbs
Company: Mewbourne Oil Company
Project: Lea County, New Mexico NAD 83
Site: Paduca 7/6 W1ED Fed Com #2H
Well: Sec 7, T26S, R32E
Wellbore: BHL: 330' FNL & 330' FWL, Sec 6
Design: Design #1

Local Co-ordinate Reference: Site Paduca 7/6 W1ED Fed Com #2H
TVD Reference: WELL @ 3275.0usft (Original Well Elev)
MD Reference: WELL @ 3275.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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 & 570' FV - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	385,378.00	730,964.00	32° 3' 28.822 N	103° 43' 16.431 W
KOP @ 11150' - plan hits target center - Point	0.00	0.00	11,150.0	0.0	0.0	385,378.00	730,964.00	32° 3' 28.822 N	103° 43' 16.431 W
FTP: 2337' FNL & 414' F - plan hits target center - Point	0.00	0.00	11,623.0	163.0	-156.5	385,541.00	730,807.54	32° 3' 30.443 N	103° 43' 18.238 W
BHL: 330' FNL & 330' FV - plan hits target center - Point	0.00	0.00	11,775.0	7,504.0	-280.0	392,882.00	730,684.00	32° 4' 43.095 N	103° 43' 19.191 W
LP: 1927' FNL & 330' FV - plan hits target center - Point	0.00	0.00	11,785.0	570.0	-242.0	385,948.00	730,722.00	32° 3' 34.476 N	103° 43' 19.206 W

10M BOPE & Closed Loop Equipment Schematic

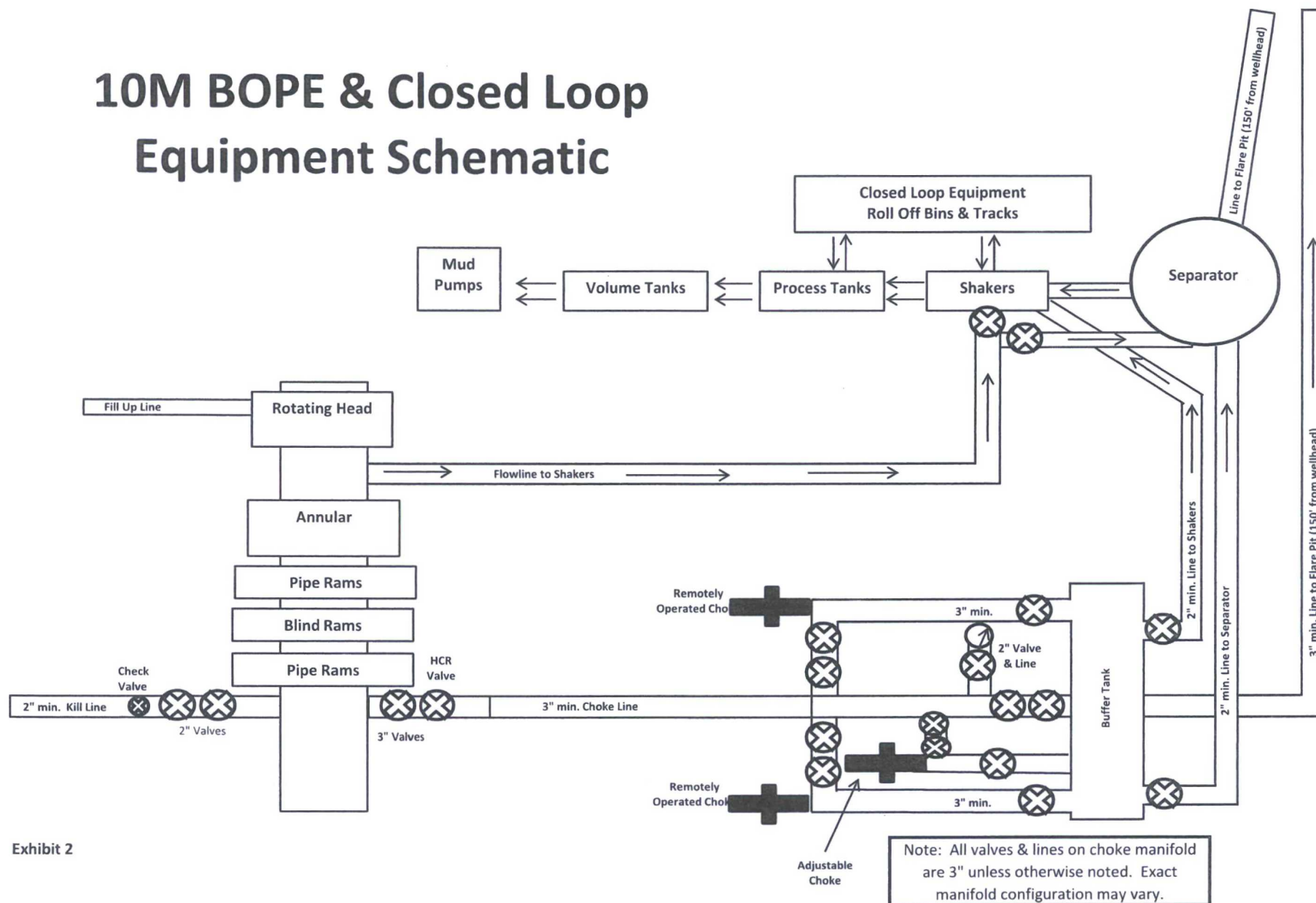


Exhibit 2

Hydril "GK"
13-5/8" 10M



10M BOPE Schematic

Hydril "GK"

Cameron Type U
13-5/8" 10M



4 1/2" x 5 7/8" VBR



BLIND RAMS



4 1/2" x 5 7/8" VBR



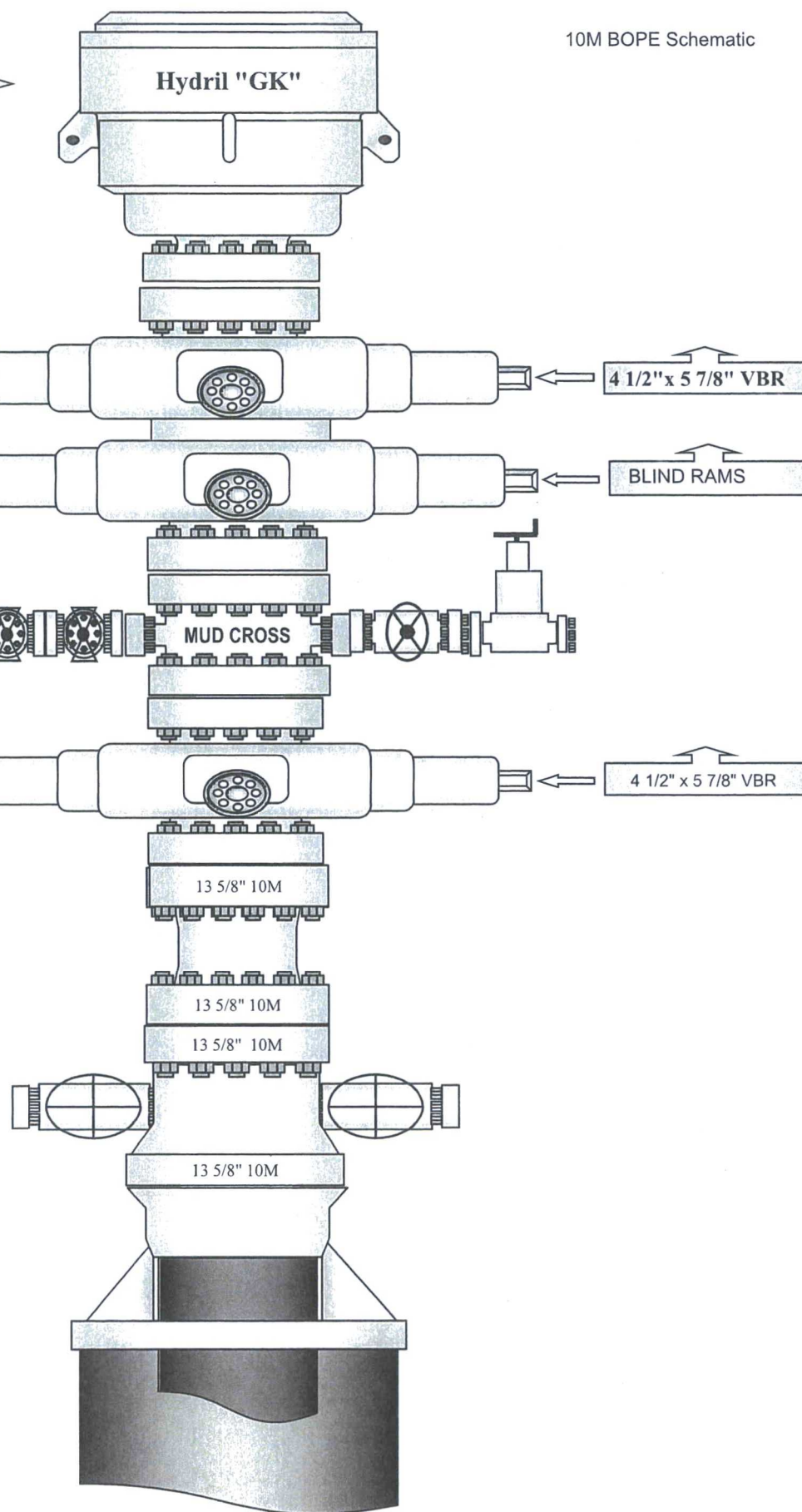
MUD CROSS

13 5/8" 10M

13 5/8" 10M

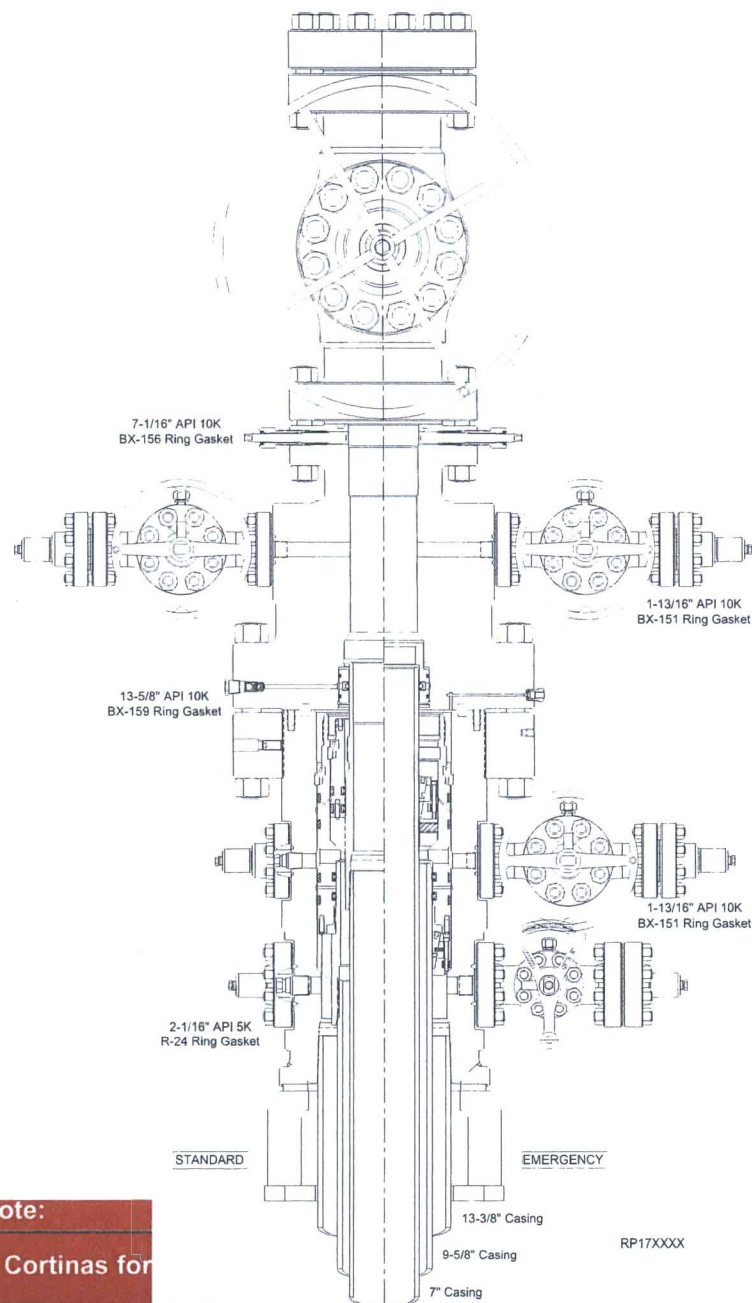
13 5/8" 10M

13 5/8" 10M



RUNNING PROCEDURE

Mewbourne Oil Co



Publication Status Note:

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Surface Systems Publication



13-5/8" 10K MN-DS System
13-3/8" x 9-5/8" x 7" Casing Program

RP-003815
Rev 01 Draft A