

Mewbourne Oil Co

**Eddy, New Mexico
Sec 24-T19S-R25E
Wyatt Draw 24 KC #1H**

Wellbore #1

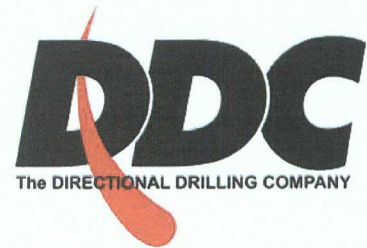
Plan: Design #1

DDC Well Planning Report

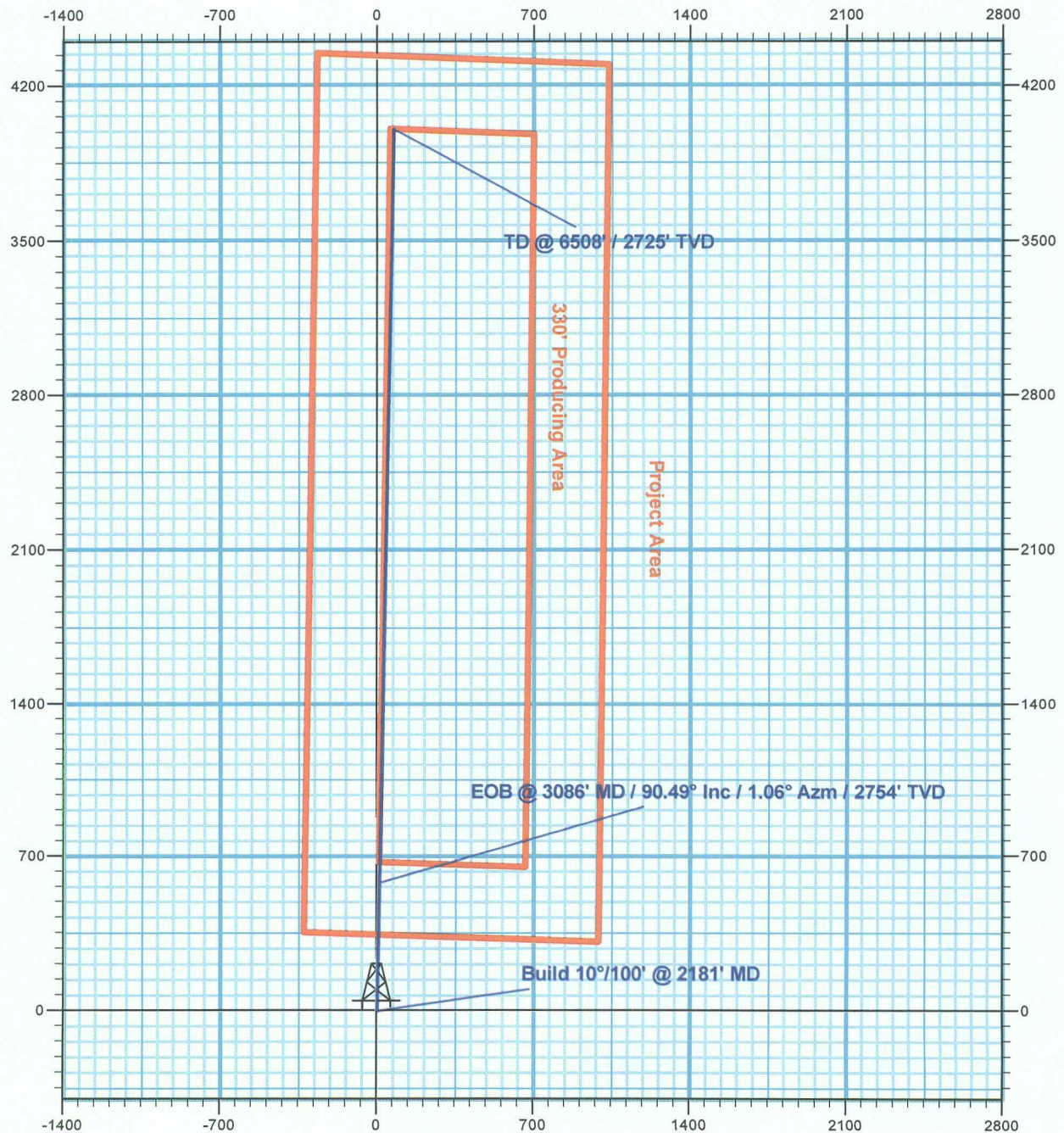
07 December, 2010



Mewbourne Oil Company

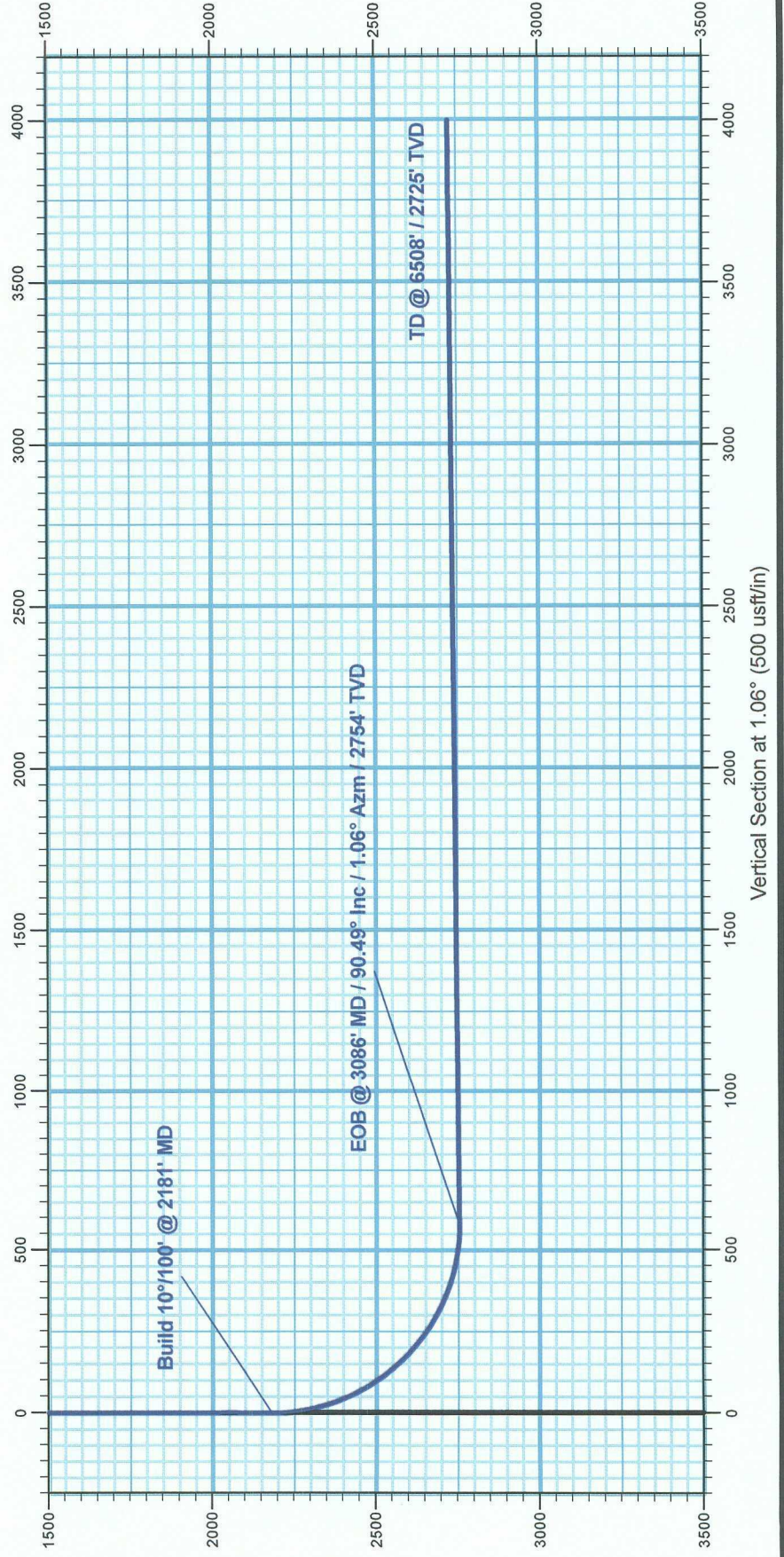


Eddy, New Mexico
Wyatt Draw 24 KC #1H
Quote 100842



Mewbourne Oil Company

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Wyatt Draw 24 KC #1H
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DDC

Well Planning Report



Database: EDM 5000.1 Single User Db
Company: Mewbourne Oil Co
Project: Eddy, New Mexico
Site: Sec 24-T19S-R25E
Well: Wyatt Draw 24 KC #1H
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Wyatt Draw 24 KC #1H
TVD Reference: WELL @ 3417.0usft (Patterson #101)
MD Reference: WELL @ 3417.0usft (Patterson #101)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project	Eddy, 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 24-T19S-R25E		
Site Position:		Northing:	597,128.75 usft
From:	Map	Easting:	466,881.19 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 38' 29.628 N
		Longitude:	104° 26' 27.333 W
		Grid Convergence:	-0.06 °

Well	Wyatt Draw 24 KC #1H		
Well Position	+N/-S	0.0 usft	Northing: 597,128.75 usft
	+E/-W	0.0 usft	Easting: 466,881.19 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Latitude: 32° 38' 29.628 N
			Longitude: 104° 26' 27.333 W
			Ground Level: 3,398.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/7/2010	8.08	60.43	48,821

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	1.06

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	
2,181.1	0.00	0.00	2,181.1	0.0	0.0	0.00	0.00	0.00	0.00	
3,086.0	90.49	1.06	2,754.0	577.7	10.7	10.00	10.00	0.12	1.06	
6,507.9	90.49	1.06	2,725.0	3,998.9	73.8	0.00	0.00	0.00	0.00	PBHL Wyatt Draw 2

DDC
Well Planning Report



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Wellbore: Wellbore #1
Design: Design #1

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MD Reference: WELL @ 3417.0usft (Patterson #101)
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)
5,000.0	90.49	1.06	2,737.8	2,491.4	46.0	2,491.8	0.00	0.00	0.00
5,100.0	90.49	1.06	2,736.9	2,591.3	47.8	2,591.8	0.00	0.00	0.00
5,200.0	90.49	1.06	2,736.1	2,691.3	49.7	2,691.8	0.00	0.00	0.00
5,300.0	90.49	1.06	2,735.2	2,791.3	51.5	2,791.8	0.00	0.00	0.00
5,400.0	90.49	1.06	2,734.4	2,891.3	53.4	2,891.8	0.00	0.00	0.00
5,500.0	90.49	1.06	2,733.6	2,991.3	55.2	2,991.8	0.00	0.00	0.00
5,600.0	90.49	1.06	2,732.7	3,091.2	57.1	3,091.8	0.00	0.00	0.00
5,700.0	90.49	1.06	2,731.9	3,191.2	58.9	3,191.8	0.00	0.00	0.00
5,800.0	90.49	1.06	2,731.0	3,291.2	60.8	3,291.8	0.00	0.00	0.00
5,900.0	90.49	1.06	2,730.2	3,391.2	62.6	3,391.8	0.00	0.00	0.00
6,000.0	90.49	1.06	2,729.3	3,491.2	64.5	3,491.8	0.00	0.00	0.00
6,100.0	90.49	1.06	2,728.5	3,591.1	66.3	3,591.7	0.00	0.00	0.00
6,200.0	90.49	1.06	2,727.6	3,691.1	68.1	3,691.7	0.00	0.00	0.00
6,300.0	90.49	1.06	2,726.8	3,791.1	70.0	3,791.7	0.00	0.00	0.00
6,400.0	90.49	1.06	2,725.9	3,891.1	71.8	3,891.7	0.00	0.00	0.00
6,500.0	90.49	1.06	2,725.1	3,991.1	73.7	3,991.7	0.00	0.00	0.00
TD @ 6508' / 2725' TVD									
6,507.9	90.49	1.06	2,725.0	3,998.9	73.8	3,999.6	0.00	0.00	0.00

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
PBHL Wyatt Draw 24 - plan hits target center - Point	0.00	0.00	2,725.0	3,998.9	73.8	601,127.67	466,955.02	32° 39' 9.200 N	104° 26' 26.517 W

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,181.1	2,181.1	0.0	0.0	Build 10°/100' @ 2181' MD
3,086.0	2,754.0	577.7	10.7	EOB @ 3086' MD / 90.49° Inc / 1.06° Azm / 2754' TVD
6,507.9	2,725.0	3,998.9	73.8	TD @ 6508' / 2725' TVD