

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised Feb. 26, 2007

Submit to Appropriate District Office
5 Copies



☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744
⁴ API Number 30 - 015 - 36214		³ Reason for Filing Code/ Effective Date New Well 07/03/08
⁵ Pool Name Dog Canyon Wolfcamp	⁶ Pool Code 17970	
⁷ Property Code	⁸ Property Name Crow Flats 28 Federal	⁹ Well Number 1

II. ¹⁰ Surface Location

UI or lot no. D	Section 28	Township 16S	Range 28E	Lot.Idn	Feet from the 400	North/South Line N	Feet from the 1300	East/West line W	County Eddy
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¹¹ Bottom Hole Location

UI or lot no. A	Section 28	Township 16S	Range 28E	Lot.Idn	Feet from the 475	North/South Line N	Feet from the 360	East/West line E	County Eddy
¹² Lse Code F	¹³ Producing Method Code Pumping	¹⁴ Gas Connection Date 07/03/08	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
34053	Plains Marketing 3514 Lovington Hwy Hobbs NM 88240	O
36785	DCP Midstream PO Box 50020 Midland, TX 79710	G

IV. Well Completion Data

²¹ Spud Date 05/05/08	²² Ready Date 07/03/08	²³ TD 9925'	²⁴ PBTD 9886' MD	²⁵ Perforations 6930'-9840' MD	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	521' MD	550		
12 1/4"	9 5/8"	2320' MD	900		
8 3/4"	5 1/2"	9925' MD	1250		
	2 3/4"	5832' MD			

V. Well Test Data

³¹ Date New Oil 07/03/08	³² Gas Delivery Date 07/03/08	³³ Test Date 07/10/08	³⁴ Test Length 24	³⁵ Tbg. Pressure 300	³⁶ Csg. Pressure 45
³⁷ Choke Size NA	³⁸ Oil 91	³⁹ Water 181	⁴⁰ Gas 77	⁴¹ Test Method Producing	
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Jackie Lathan			OIL CONSERVATION DIVISION		
Printed name: Jackie Lathan			Approved by: <i>Kimberly M. Wier</i>		
Title: Hobbs Regulatory			Title: <i>Compliance Officer</i>		
E-mail Address: jlathan@mewbourne.com			Approval Date: <i>8.8.08</i>		
Date: 07/15/08		Phone: 575-393-5905			

A diagram showing a particle (represented by a circle) with a vertical line passing through its center. Three arrows originate from the center: one pointing straight up labeled 'G', one pointing up and to the left labeled 'T', and one pointing up and to the right labeled 'M'.

Magnetic Field
Strength: 49297.1 nT
Dip Angle: 60.79°
Date: 3/28/2008
Model: IGRF200510

PATHFINDER

ENERGY SERVICES

WELL DETAILS: S28 T16S R23E

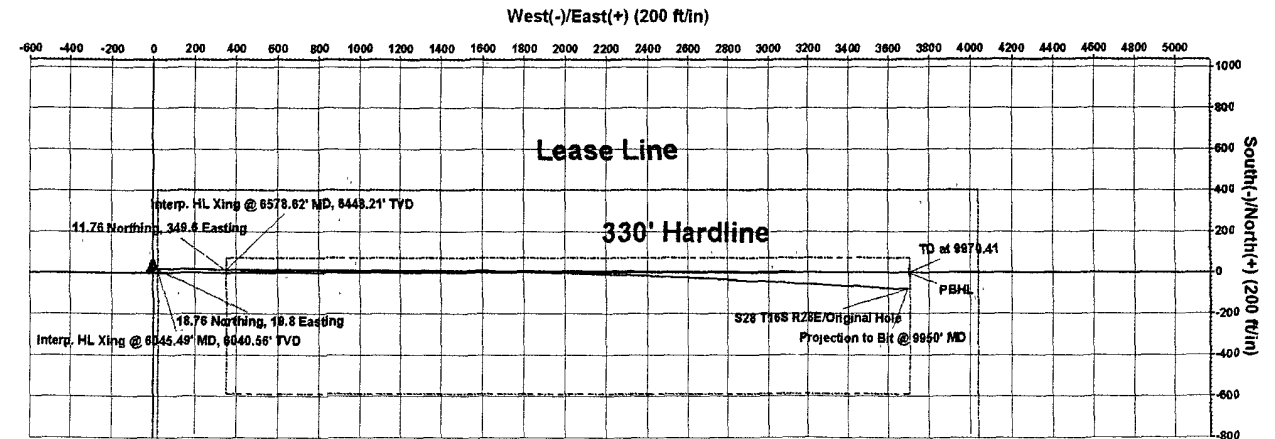
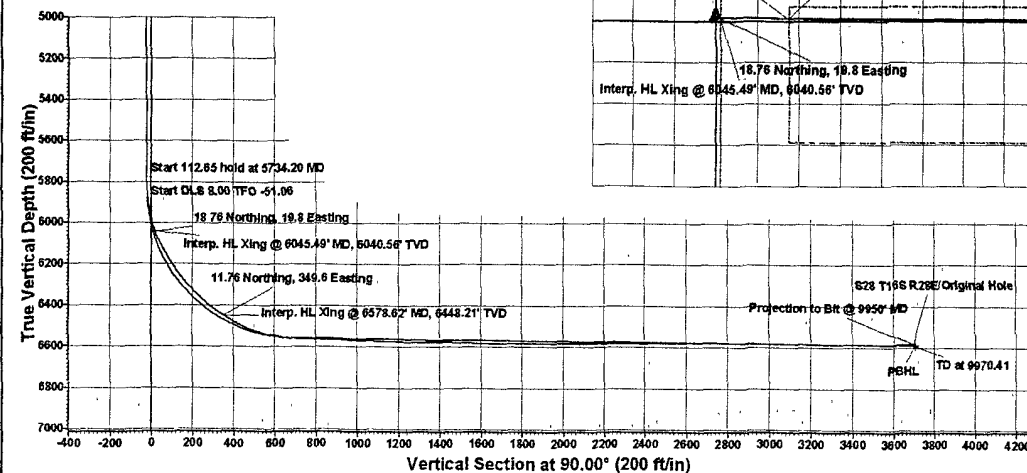
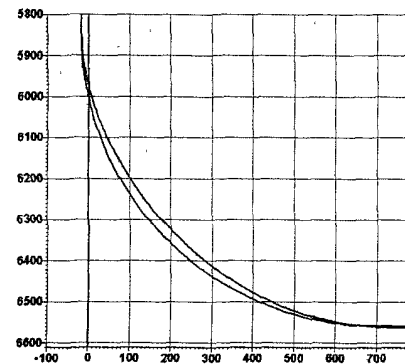
Ground Elevation:: 3590.00
RKB Elevation: Est RKB @ 3603.00M
Rlg Name:

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Spot
0.00	0.00	690976.540	545015.800	32° 57' 57.158 N	104° 11' 4.972 W	

SECTION DETAILS										
Sec	MD	inc	Azi	TVD	21/28	+/-W	DLeg	TFace	VSec	Target
1	5734.20	0.81	141.27	5734.02	21.29	-20.07	0.00	0.00	-20.07	
2	5848.85	0.81	141.27	5848.66	20.38	-19.32	0.00	0.00	-19.32	
3	6059.43	89.39	90.22	6058.00	11.81	689.21	8.00	-51.05	689.21	
4	7008.31	89.39	90.22	6558.52	11.62	738.08	0.01	77.74	738.08	
5	9870.41	89.39	90.22	8590.00	0.00	3700.00	0.00	0.00	3700.00	PSHL

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	6590.00	0.00	3700.00	690876.540	548315.800	Point

EOW



PROJECT DETAILS: Crow Flats 28 Federal #1H
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North: Grid

Plan: Plan #6 CORRECTED FOR GYRO DATA (S28 T16S R28E/Original Hole)

Created By: Mark Freeman Date: 8:55, June 02 2008

Checked _____ Date _____

WHS
Pathfinder Standard X & Y Report

Company: Mewbourne
Project: Crow Flats 28 Federal #1H
Site: Eddy County, NM
Well: S28 T16S R28E
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well S28 T16S R28E
TVD Reference: Est RKB @ 3603.00ft
MD Reference: Est RKB @ 3603.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Project: Crow Flats 28 Federal #1H

Map System: US State Plane 1927 (Exact solution)
Geo Datum: NAD 1927 (NADCON CONUS)
Map Zone: New Mexico East 3001

System Datum: Mean Sea Level

Site: Eddy County, NM

Site Position:		Northing:	690,876.540 ft	Latitude:	32° 53' 57.158 N
From:	Map	Easting:	545,615.800 ft	Longitude:	104° 11' 4.972 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	0.08 °

Well:	S28 T16S R28E					
Well Position	+N/-S	0.00 ft	Northing:	690,876.540 ft	Latitude:	32° 53' 57.158 N
	+E/-W	0.00 ft	Easting:	545,615.800 ft	Longitude:	104° 11' 4.972 W
Position Uncertainty	0.00 ft		Wellhead Elevation:	ft	Ground Level:	3,590.00 ft

Wellbore: Original Hole

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	3/28/2008	8.29	60.79	49,297

Design: Original Hole

Audit Notes:

Version: 1.0 Phase: ACTUAL Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	90.00

WHS
 Pathfinder Standard X & Y Report

Company: Mewbourne
 Project: Crow Flats 28 Federal #1H
 Site: Eddy County, NM
 Well: S28 T16S R28E
 Wellbore: Original Hole
 Design: Original Hole

Local Co-ordinate Reference: Well S28 T16S R28E
 TVD Reference: Est RKB @ 3603.00ft
 MD Reference: Est RKB @ 3603.00ft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.16 Single User Db

Survey Program Date 6/2/2008

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
100.00	5,734.20	Gyro Survey (Original Hole)	CB-GYRO-MS	Camera based gyro multishot
5,805.00	9,950.00	MWD (Original Hole)	MWD	MWD - Standard

Survey										
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	TFace (°)	
5,734.20	0.61	141.27	5,734.02	2,131.02	21.29	-20.07	-20.07	0.00	0.00	
5,805.00	0.62	115.17	5,804.81	2,201.81	20.84	-19.48	-19.48	0.39	-101.04	
5,836.00	1.32	95.21	5,835.81	2,232.81	20.73	-18.98	-18.98	2.47	-35.98	
5,868.00	3.52	92.15	5,867.78	2,264.78	20.66	-17.63	-17.63	6.88	-4.89	
5,900.00	6.51	93.89	5,899.65	2,296.65	20.50	-14.84	-14.84	9.35	3.78	
5,931.00	9.67	93.85	5,930.34	2,327.34	20.21	-10.48	-10.48	10.19	-0.12	
5,963.00	13.01	93.29	5,961.71	2,358.71	19.82	-4.20	-4.20	10.44	-2.16	
5,995.00	16.18	92.90	5,992.67	2,389.67	19.39	3.85	3.85	9.91	-1.96	
6,027.00	19.08	92.09	6,023.17	2,420.17	18.97	13.53	13.53	9.09	-5.22	
6,058.00	21.63	91.72	6,052.23	2,449.23	18.62	24.30	24.30	8.24	-3.06	
6,090.00	24.18	91.96	6,081.70	2,478.70	18.21	36.75	36.75	7.97	2.21	
6,122.00	26.20	91.96	6,110.66	2,507.66	17.75	50.36	50.36	6.31	0.00	
6,153.00	28.31	91.26	6,138.21	2,535.21	17.35	64.55	64.55	6.88	-8.95	
6,185.00	30.16	90.94	6,166.14	2,563.14	17.05	80.18	80.18	5.80	-4.97	
6,217.00	32.10	90.52	6,193.53	2,590.53	16.85	96.72	96.72	6.10	-6.57	
6,249.00	34.38	90.49	6,220.29	2,617.29	16.69	114.26	114.26	7.13	-0.43	
6,280.00	36.84	90.26	6,245.49	2,642.49	16.57	132.31	132.31	7.95	-3.21	
6,312.00	39.57	90.23	6,270.63	2,667.63	16.49	152.10	152.10	8.53	-0.40	
6,344.00	41.86	90.56	6,294.89	2,691.89	16.34	172.97	172.97	7.19	5.50	
6,376.00	43.79	90.99	6,318.36	2,715.36	16.05	194.72	194.72	6.10	8.77	
6,408.00	45.55	91.44	6,341.11	2,738.11	15.57	217.21	217.21	5.59	10.35	

WHS

Pathfinder Standard X & Y Report

Company:	Mewbourne	Local Co-ordinate Reference:	Well S28 T16S R28E
Project:	Crow Flats 28 Federal #1H	TVD Reference:	Est RKB @ 3603.00ft
Site:	Eddy County, NM	MD Reference:	Est RKB @ 3603.00ft
Well:	S28 T16S R28E	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Survey										
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	TFace (°)	
6,439.00	47.48	91.80	6,362.45	2,759.45	14.93	239.69	239.69	6.28	7.83	
6,470.00	49.15	91.98	6,383.06	2,780.06	14.17	262.83	262.83	5.40	4.66	
6,502.00	51.62	91.91	6,403.46	2,800.46	13.33	287.46	287.46	7.72	-1.27	
6,534.00	53.64	91.49	6,422.88	2,819.88	12.58	312.88	312.88	6.40	-9.51	
6,566.00	56.19	91.22	6,441.28	2,838.28	11.96	339.06	339.06	8.00	-5.03	
6,597.00	58.65	90.71	6,457.97	2,854.97	11.52	365.17	365.17	8.06	-10.05	
6,629.00	61.38	90.47	6,473.96	2,870.96	11.24	392.89	392.89	8.56	-4.41	
6,661.00	63.66	90.51	6,488.72	2,885.72	11.00	421.27	421.27	7.13	0.90	
6,692.00	65.86	90.54	6,501.94	2,898.94	10.74	449.31	449.31	7.10	0.71	
6,724.00	68.50	90.51	6,514.35	2,911.35	10.47	478.80	478.80	8.25	-0.61	
6,756.00	71.67	90.41	6,525.25	2,922.25	10.23	508.88	508.88	9.91	-1.72	
6,788.00	74.74	90.44	6,534.50	2,931.50	10.00	539.51	539.51	9.59	0.54	
6,820.00	77.47	90.64	6,542.18	2,939.18	9.71	570.57	570.57	8.55	4.09	
6,852.00	79.84	90.77	6,548.47	2,945.47	9.32	601.94	601.94	7.42	3.09	
6,883.00	81.78	90.72	6,553.42	2,950.42	8.92	632.54	632.54	6.26	-1.46	
6,915.00	83.62	90.63	6,557.49	2,954.49	8.55	664.28	664.28	5.76	-2.78	
6,947.00	86.09	90.40	6,560.36	2,957.36	8.26	696.14	696.14	7.75	-5.31	
6,979.00	87.85	90.17	6,562.05	2,959.05	8.10	728.10	728.10	5.55	-7.44	
7,010.00	88.55	90.11	6,563.03	2,960.03	8.03	759.08	759.08	2.27	-4.90	
7,042.00	89.69	89.94	6,563.52	2,960.52	8.01	791.08	791.08	3.60	-8.48	
7,106.00	89.08	90.18	6,564.20	2,961.20	7.95	855.07	855.07	1.02	158.53	
7,138.00	87.58	90.15	6,565.14	2,962.14	7.86	887.06	887.06	4.69	-178.86	
7,169.00	87.49	90.60	6,566.47	2,963.47	7.65	918.03	918.03	1.48	101.33	
7,201.00	87.76	90.66	6,567.80	2,964.80	7.30	950.00	950.00	0.86	12.52	
7,233.00	87.93	90.76	6,569.00	2,966.00	6.90	981.98	981.98	0.62	30.45	
7,265.00	87.93	90.52	6,570.15	2,967.15	6.55	1,013.95	1,013.95	0.75	-90.00	
7,329.00	88.11	89.75	6,572.37	2,969.37	6.40	1,077.91	1,077.91	1.23	-76.85	

WHS

Pathfinder Standard X & Y Report

Company: Mewbourne
Project: Crow Flats 28 Federal #1H
Site: Eddy County, NM
Well: S28 T16S R28E
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well S28 T16S R28E
TVD Reference: Est RKB @ 3603.00ft
MD Reference: Est RKB @ 3603.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	TFace (°)
7,424.00	88.64	89.60	6,575.06	2,972.06	6.94	1,172.87	1,172.87	0.58	-15.80
7,520.00	89.87	89.97	6,576.31	2,973.31	7.30	1,268.86	1,268.86	1.34	16.74
7,615.00	88.90	90.03	6,577.33	2,974.33	7.30	1,363.86	1,363.86	1.02	176.46
7,710.00	89.52	90.34	6,578.64	2,975.64	6.99	1,458.85	1,458.85	0.73	26.57
7,806.00	88.29	91.11	6,580.47	2,977.47	5.77	1,554.82	1,554.82	1.51	147.96
7,901.00	88.90	91.06	6,582.80	2,979.80	3.98	1,649.77	1,649.77	0.64	-4.69
7,997.00	89.43	90.77	6,584.20	2,981.20	2.44	1,745.75	1,745.75	0.63	-28.69
8,092.00	90.13	90.79	6,584.57	2,981.57	1.15	1,840.74	1,840.74	0.74	1.64
8,187.00	90.75	91.11	6,583.84	2,980.84	-0.42	1,935.72	1,935.72	0.73	27.30
8,282.00	89.78	91.86	6,583.40	2,980.40	-2.89	2,030.69	2,030.69	1.29	142.29
8,378.00	90.13	91.62	6,583.47	2,980.47	-5.80	2,126.64	2,126.64	0.44	-34.44
8,474.00	90.75	92.04	6,582.73	2,979.73	-8.87	2,222.59	2,222.59	0.78	34.11
8,569.00	89.87	92.36	6,582.22	2,979.22	-12.51	2,317.52	2,317.52	0.99	160.02
8,665.00	90.48	92.43	6,581.93	2,978.93	-16.53	2,413.43	2,413.43	0.64	6.55
8,760.00	90.84	92.30	6,580.83	2,977.83	-20.45	2,508.35	2,508.35	0.40	-19.85
8,855.00	91.36	92.11	6,579.01	2,976.01	-24.10	2,603.26	2,603.26	0.58	-20.07
8,950.00	89.78	92.68	6,578.06	2,975.06	-28.07	2,698.17	2,698.17	1.77	160.16
9,045.00	88.55	93.33	6,579.45	2,976.45	-33.05	2,793.02	2,793.02	1.46	152.15
9,140.00	88.81	93.05	6,581.64	2,978.64	-38.33	2,887.85	2,887.85	0.40	-47.12
9,236.00	89.34	93.26	6,583.19	2,980.19	-43.62	2,983.69	2,983.69	0.59	21.61
9,331.00	90.13	93.03	6,583.63	2,980.63	-48.83	3,078.55	3,078.55	0.87	-16.23
9,426.00	88.55	92.65	6,584.72	2,981.72	-53.54	3,173.42	3,173.42	1.71	-166.48
9,522.00	88.90	92.87	6,586.86	2,983.86	-58.16	3,269.29	3,269.29	0.43	32.15
9,617.00	89.60	92.64	6,588.10	2,985.10	-62.72	3,364.17	3,364.17	0.78	-18.19
9,713.00	90.75	92.87	6,587.81	2,984.81	-67.34	3,460.06	3,460.06	1.22	11.31
9,808.00	91.80	92.64	6,585.69	2,982.69	-71.90	3,554.92	3,554.92	1.13	-12.35
9,874.00	92.33	92.40	6,583.32	2,980.32	-74.80	3,620.81	3,620.81	0.88	-24.34

WHS
Pathfinder Standard X & Y Report

Company: Newbourn
Project: Crow Flats 28 Federal #1H
Site: Eddy County, NM
Well: S28 T16S R28E
Wellbore: Original Hole
Design: Original Hole

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

Well S28 T16S R28E
Est RKB @ 3603.00ft
Est RKB @ 3603.00ft
Grid
Minimum Curvature
EDM 2003 16 Single User Db

Survey	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	Dipg (°/100ft)	TFace (°)
	9,950.00		92.33	92.40	6,580.23	2,977.23	-77.98	3,696.68	3,696.68	0.00

Targets										
Target Name	Dip Angle	Dip Dir	TVD	+N/S	+E/W	Northing	Easting	Latitude	Longitude	
hitmiss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)			
Shape										
PBHL	0.00	0.00	6,590.00	0.00	3,700.00	690.876.540	549,315.800	32° 53' 57.104 N	104° 10' 21.575 W	
- survey misses by 78.66ft at 9949.65ft MD (6580.24 TVD, -77.97 N, 3696.33 E)										
- Point										

Survey Annotations					Comment
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/S (ft)	+E/W (ft)		
6,045.49	6,040.56	18.76	19.80	Interp. HL Xing @ 6045.49 MD, 6040.56 TVD	
6,045.49	6,040.56	18.76	19.80	18.76 Northing, 19.8 Easting	
6,578.62	6,448.21	11.76	349.60	Interp. HL Xing @ 6578.62 MD, 6448.21 TVD	
6,578.62	6,448.21	11.76	349.60	11.76 Northing, 349.6 Easting	
9,950.00	6,580.23	-77.98	3,696.68	Projection to Bit @ 9950' MD	

Checked By: _____

Approved By: _____

Date: _____

OPERATOR
WELL/LEASE
COUNTY

Mewbourne Oil Co.
Crow Flats 28 Fed. 1
Eddy

RIG 45

STATE OF NEW MEXICO
DEVIATION REPORT

200	0.75
502	0.50
920	0.50
1,304	0.75
1,713	0.75
2,093	1.00
2,580	0.25
2,930	0.50
3,248	0.50
3,430	0.25
3,693	0.75
3,930	0.75
4,172	0.50
4,423	1.00
4,680	0.75
4,933	0.75
5,188	0.75
5,445	1.00
5,805	0.62
5,836	1.32
6,223	1.32

STATE OF TEXAS

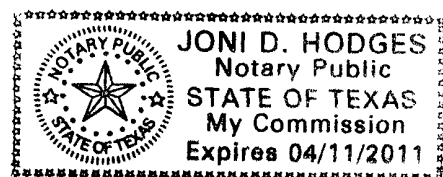
COUNTY OF MIDLAND

BY: Steve Moore

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LLC.

June 16th, 2008, by Steve

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/11/11



A Gyrodata Directional Survey

Field Copy Only, not definitive

for

MEWBOURNE OIL CO.

Location: Patterson #45, Eddy Co., NM, Lease: Crows Flat 28 Fed

Well: #1, 4.5" Drill Pipe

Job Number: MD0508GW225

Run Date: 21 May 2008

Surveyor: Thomas Ro

Calculation Method: MINIMUM CURVATURE

Survey surface coordinates obtained from: Well Plan/Plot

Survey Latitude: 32.899211 deg. N Longitude: 104.184714 deg. W

Azimuth Correction:

Gyro: -0.08000 deg West to Grid North

Proposed Well Direction: 90.000 deg

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Local Horizontal Reference

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MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	0.0	0.00	0.00	0.0 0.0	0.00 N 0.00 E

0 - 5734.21 FT RATE-GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4.5" DRILL PIPE

ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO PATTERSON RIG #45 RKB HEIGHT OF 17 FT

100.00	0.34	350.62	-0.1	0.34	100.00	0.3 350.6	0.29 N 0.05 W
200.00	0.68	341.32	-0.3	0.35	200.00	1.2 346.0	1.15 N 0.29 W
300.00	0.62	326.77	-0.8	0.18	299.99	2.3 340.3	2.17 N 0.77 W
400.00	0.66	316.24	-1.5	0.12	399.98	3.4 334.2	3.03 N 1.47 W
500.00	0.67	303.41	-2.4	0.15	499.98	4.4 328.0	3.77 N 2.36 W
600.00	0.71	302.05	-3.4	0.04	599.97	5.6 322.7	4.43 N 3.38 W
700.00	0.68	298.18	-4.4	0.06	699.96	6.7 318.7	5.04 N 4.43 W
800.00	0.63	296.36	-5.4	0.05	799.95	7.8 315.6	5.56 N 5.44 W
900.00	0.59	301.44	-6.4	0.07	899.95	8.8 313.6	6.08 N 6.38 W
1000.00	0.28	307.63	-7.0	0.31	999.95	9.6 312.8	6.50 N 7.02 W
1100.00	0.21	301.73	-7.4	0.07	1099.94	10.0 312.5	6.75 N 7.37 W
1200.00	0.12	308.28	-7.6	0.10	1199.94	10.3 312.2	6.91 N 7.61 W
1300.00	0.10	326.66	-7.7	0.04	1299.94	10.5 312.3	7.05 N 7.74 W
1400.00	0.15	346.48	-7.8	0.07	1399.94	10.7 312.8	7.24 N 7.82 W
1500.00	0.27	354.15	-7.9	0.12	1499.94	10.9 314.0	7.60 N 7.87 W
1600.00	0.41	358.39	-7.9	0.14	1599.94	11.4 316.0	8.19 N 7.91 W

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1700.00	0.35	352.38	-8.0	0.07	1699.94	11.9 318.0	8.85 N 7.96W
1800.00	0.55	327.66	-8.3	0.27	1799.94	12.6 319.2	9.56 N 8.26W
1900.00	0.54	337.55	-8.7	0.09	1899.93	13.6 320.1	10.40 N 8.69W
2000.00	0.38	344.23	-9.0	0.16	1999.93	14.3 321.2	11.16 N 8.96W
2100.00	0.34	338.33	-9.2	0.06	2099.93	14.9 322.1	11.75 N 9.16W
2200.00	0.43	338.23	-9.4	0.09	2199.92	15.5 322.8	12.38 N 9.41W
2300.00	0.42	341.01	-9.7	0.02	2299.92	16.3 323.5	13.07 N 9.67W
2400.00	0.49	331.04	-10.0	0.10	2399.92	17.0 324.1	13.79 N 9.99W
2500.00	0.50	332.01	-10.4	0.01	2499.91	17.9 324.4	14.55 N 10.40W
2600.00	0.56	328.05	-10.9	0.07	2599.91	18.8 324.7	15.34 N 10.86W
2700.00	0.61	331.04	-11.4	0.06	2699.91	19.8 324.9	16.22 N 11.38W
2800.00	0.56	320.36	-11.9	0.12	2799.90	20.8 325.0	17.06 N 11.95W
2900.00	0.77	324.01	-12.7	0.22	2899.89	22.0 324.9	17.99 N 12.66W
3000.00	0.71	317.80	-13.5	0.10	2999.88	23.3 324.7	18.99 N 13.47W
3100.00	0.57	318.26	-14.2	0.14	3099.88	24.4 324.3	19.82 N 14.22W
3200.00	0.57	312.20	-14.9	0.06	3199.87	25.4 324.0	20.53 N 14.92W
3300.00	0.49	312.61	-15.6	0.08	3299.87	26.3 323.6	21.16 N 15.61W
3400.00	0.55	307.61	-16.3	0.07	3399.87	27.2 323.1	21.74 N 16.30W
3500.00	0.35	313.72	-16.9	0.21	3499.86	27.9 322.8	22.24 N 16.90W
3600.00	0.37	315.46	-17.4	0.03	3599.86	28.6 322.6	22.68 N 17.35W
3700.00	0.30	330.68	-17.7	0.11	3699.86	29.1 322.6	23.15 N 17.71W
3800.00	0.33	327.40	-18.0	0.03	3799.86	29.7 322.7	23.62 N 17.99W

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3900.00	0.33	341.72	-18.2	0.08	3899.86	30.2 322.9	24.13 N 18.24W
4000.00	0.18	334.20	-18.4	0.15	3999.85	30.7 323.2	24.55 N 18.40W
4100.00	0.11	207.77	-18.5	0.26	4099.85	30.8 323.1	24.61 N 18.51W
4200.00	0.22	205.94	-18.6	0.11	4199.85	30.7 322.6	24.35 N 18.64W
4300.00	0.41	244.38	-19.1	0.28	4299.85	30.7 321.6	24.02 N 19.05W
4400.00	0.63	256.49	-19.9	0.24	4399.85	31.0 320.0	23.74 N 19.91W
4500.00	0.57	261.83	-20.9	0.08	4499.84	31.5 318.3	23.54 N 20.93W
4600.00	0.37	243.94	-21.7	0.24	4599.84	31.9 317.0	23.32 N 21.72W
4700.00	0.37	249.57	-22.3	0.04	4699.84	32.1 316.0	23.07 N 22.31W
4800.00	0.33	246.84	-22.9	0.04	4799.84	32.3 315.0	22.84 N 22.88W
4900.00	0.26	258.78	-23.4	0.09	4899.83	32.6 314.1	22.68 N 23.37W
5000.00	0.13	257.28	-23.7	0.13	4999.83	32.8 313.6	22.61 N 23.71W
5100.00	0.09	254.06	-23.9	0.04	5099.83	32.9 313.4	22.57 N 23.89W
5200.00	0.00	254.06	-24.0	0.09	5199.83	32.9 313.3	22.55 N 23.96W
5300.00	0.44	102.34	-23.6	0.44	5299.83	32.6 313.6	22.47 N 23.59W
5400.00	0.60	99.11	-22.7	0.16	5399.83	31.8 314.5	22.30 N 22.69W
5500.00	0.57	90.10	-21.7	0.10	5499.82	31.0 315.7	22.22 N 21.67W
5600.00	0.36	111.39	-20.9	0.27	5599.82	30.4 316.6	22.10 N 20.88W
5700.00	0.56	145.01	-20.3	0.32	5699.82	29.6 316.8	21.59 N 20.30W
5734.21	0.61	141.27	-20.1	0.20	5734.02	29.3 316.7	21.31 N 20.09W

Final Station Closure: Distance: 29.29 ft Az: 316.68 deg.