

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM-881391a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

Mewbourne Oil Company 14744

8. Lease Name and Well No.

3. Address

PO Box 5270 Hobbs, NM 88240

3a. Phone No. (include area code)

505-393-5905

Wood Draw 35 Federal #2

9. API Well No.

30-015-35258

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 330' FSL & 1800' FEL, Unit Letter O

At top prod. interval reported below 330' FSL & 1800' FEL, Unit Letter O

At total depth 2518' FSL & 2081' FEL, Unit Letter J

10. Field and Pool, or Exploratory

West Corral Canyon Delaware

11. Sec., T., R., M., on Block and Survey
or Area Sec 35-T24S-R29E

12. County or Parish

Eddy County

13. State

NM

14. Date Spudded

12/15/06

15. Date T.D. Reached

01/07/07

16. Date Completed

☐ D&A☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

3073' GL

18. Total Depth: MD 7340'
TVD 5345'19. Plug Back T.D.: MD 7297' MD
TVD20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

Did Not Log Well

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8" J55	36	0	810' MD		430 C	104	surface	NA
8 3/4"	5 1/2" N80	17	0	7340' MD	4262' MD	2650 C/H	870	surface	NA

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	4824'	NA						

25. Producing Intervals

26. Perforation Record

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	3220'		5872' - 7050' MD	0.36"	57	open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5872' - 7050'	Acidized with 3850 gals 15% NeFe HCl.
5872' - 7050'	Frac with 50,000 gals Medallion 3000 and 41,600# 16/30 Ottawa & Super LC sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/02/07	02/03/07	24	→	83	28	388	38	0.933	Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
NA	Flwg 360	65	→	83	28	388	337.35	open	

ACCEPTED FOR RECORD

FEB 16 2007

LES BABYAK
PETROLEUM ENGINEER

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on next page)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg Press Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg Press Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

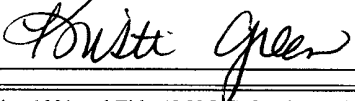
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Top Salt	2472				
Base Salt	3020				
Delaware	3220				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- ① Electrical/Mechanical Logs (1 full set req'd.) 2 Geologic Report 3 DST Report ④ Directional Survey
 5 Sundry Notice for plugging and cement verification 6 Core Analysis ⑦ Other: Dev Rpt, Pathfinder Surv, Directional Surv

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Kristi Green Title Hobbs RegulatorySignature  Date 02/07/07

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR
WELL/LEASE
COUNTY

MEWBOURNE OIL COMPANY
WOOD DRAW 35 FED 2
EDDY, NM

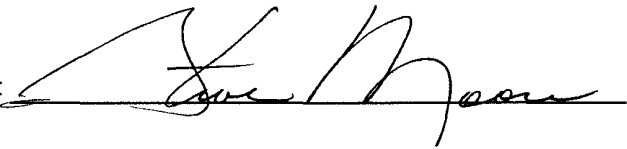
142-0051

STATE OF NEW MEXICO
DEVIATION REPORT

257	1.50
492	1.50
765	1.00
906	0.75
1,322	0.50
1,546	1.00
1,801	1.25
1,973	1.00
2,184	1.75
2,440	2.00
2,568	1.25
2,824	1.75
3,080	2.00
3,336	0.50
3,592	0.25
3,815	0.00
4,072	0.25
4,295	0.75
4,424	0.50
4,552	0.25

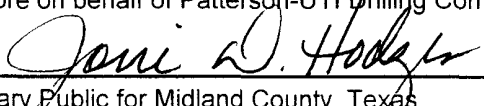
STATE OF TEXAS

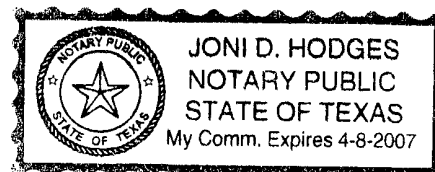
COUNTY OF MIDLAND

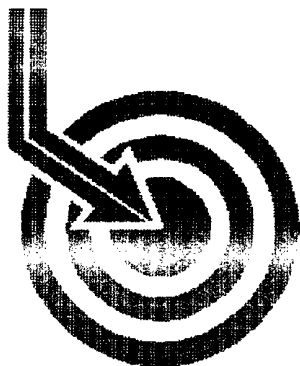
BY: 

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

January 17, 2007, by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/08/07





Scientific Drilling

MEWBOURNE OIL

Field: Corral Canyon
Site: Eddy County, NM
Well: Wood Draw 35 Fed #2
Wellpath: VH - Job #32K12061051
Survey: 12/26/06

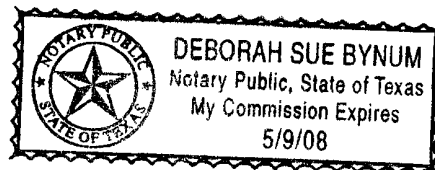
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*Richard*..... Company Representative

Notorized this date 16th of January, 2007.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International

Survey Report

Company: MEWBOURNE OIL
Field: Corral Canyon
Site: Eddy County, NM
Well: Wood Draw 35 Fed #2
Wellpath: VH - Job #32K12061051

Date: 01/16/2007 Time: 13:00:30 Page: 1
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,354.81Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 12/26/06
KSRG 0'-4769'

Start Date: 12/26/2006

Company: Scientific Drilling Internatio
T. J. Keenan/Keenan/Gym

Engineer: Madrid w/GeoGyro
From Surface

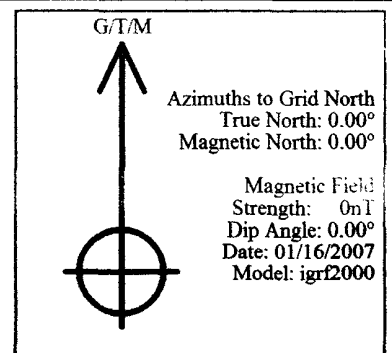
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.39	105.08	100.00	-0.12	-0.09	0.33	0.39	0.34	105.08
200.00	0.78	115.86	199.99	-0.59	-0.47	1.27	0.40	1.36	110.47
300.00	1.29	134.08	299.98	-1.79	-1.55	2.69	0.60	3.11	120.01
400.00	1.44	132.09	399.95	-3.57	-3.18	4.43	0.16	5.45	125.65
500.00	1.17	135.26	499.92	-5.28	-4.75	6.08	0.28	7.72	127.97
600.00	0.98	124.28	599.91	-6.61	-5.95	7.51	0.28	9.58	128.41
700.00	0.83	132.75	699.89	-7.69	-6.93	8.75	0.20	11.16	128.38
800.00	0.44	144.02	799.89	-8.56	-7.73	9.50	0.41	12.25	129.12
900.00	0.45	139.78	899.88	-9.21	-8.34	9.98	0.03	13.01	129.87
1000.00	0.37	147.49	999.88	-9.82	-8.91	10.41	0.10	13.70	130.57
1100.00	0.42	149.40	1099.88	-10.44	-9.50	10.77	0.05	14.36	131.41
1200.00	0.44	149.91	1199.88	-11.11	-10.15	11.15	0.02	15.08	132.31
1300.00	0.26	181.27	1299.87	-11.69	-10.71	11.34	0.26	15.59	133.36
1400.00	0.52	165.78	1399.87	-12.36	-11.37	11.44	0.28	16.13	134.82
1500.00	0.54	155.92	1499.87	-13.26	-12.24	11.75	0.09	16.97	136.18
1600.00	0.61	170.97	1599.86	-14.23	-13.20	12.02	0.17	17.85	137.67
1700.00	1.08	184.27	1699.85	-15.69	-14.66	12.04	0.51	18.97	140.62
1800.00	1.32	189.25	1799.83	-17.74	-16.74	11.78	0.26	20.47	144.87
1900.00	1.31	194.36	1899.80	-19.93	-18.99	11.31	0.12	22.10	149.21
2000.00	1.48	201.56	1999.77	-22.16	-21.29	10.55	0.24	23.77	153.63
2100.00	1.37	203.16	2099.74	-24.37	-23.59	9.61	0.12	25.48	157.84
2200.00	1.35	212.27	2199.71	-26.35	-25.69	8.51	0.22	27.06	161.67
2300.00	1.32	211.09	2299.69	-28.22	-27.67	7.29	0.04	28.62	165.25
2400.00	1.37	195.34	2399.66	-30.27	-29.81	6.38	0.37	30.49	167.93
2500.00	1.15	180.76	2499.64	-32.38	-31.97	6.05	0.39	32.53	169.29
2600.00	1.33	146.42	2599.61	-34.40	-33.94	6.67	0.75	34.59	168.87
2700.00	1.66	120.21	2699.58	-36.26	-35.63	8.57	0.75	36.65	166.48
2800.00	1.58	109.43	2799.54	-37.68	-36.82	11.12	0.31	38.46	163.19
2900.00	1.52	100.54	2899.50	-38.61	-37.52	13.72	0.25	39.95	159.91
3000.00	1.52	105.38	2999.47	-39.44	-38.12	16.31	0.13	41.46	156.84
3100.00	1.53	103.04	3099.43	-40.32	-38.77	18.89	0.06	43.12	154.03
3200.00	0.68	106.06	3199.41	-40.95	-39.23	20.76	0.85	44.39	152.12
3300.00	0.68	112.61	3299.41	-41.44	-39.63	21.88	0.08	45.26	151.10
3400.00	0.62	103.60	3399.40	-41.89	-39.98	22.95	0.12	46.10	150.14
3500.00	0.43	86.62	3499.40	-42.08	-40.09	23.85	0.24	46.65	149.25
3600.00	0.27	95.58	3599.40	-42.14	-40.09	24.46	0.17	46.96	148.61
3700.00	0.41	71.43	3699.39	-42.10	-40.00	25.03	0.20	47.18	147.96
3800.00	0.42	60.30	3799.39	-41.86	-39.70	25.69	0.08	47.29	147.09
3900.00	0.22	70.56	3899.39	-41.66	-39.46	26.19	0.21	47.36	146.43
4000.00	0.36	83.26	3999.39	-41.61	-39.36	26.68	0.15	47.55	145.86
4100.00	0.14	82.86	4099.39	-41.59	-39.30	27.12	0.22	47.75	145.40
4200.00	0.20	10.04	4199.39	-41.42	-39.12	27.27	0.21	47.68	145.12
4300.00	0.16	355.28	4299.39	-41.11	-38.81	27.29	0.06	47.44	144.89
4400.00	0.17	350.68	4399.39	-40.83	-38.52	27.25	0.02	47.18	144.72
4500.00	0.24	3.26	4499.39	-40.47	-38.16	27.24	0.08	46.89	144.48
4600.00	0.28	347.90	4599.38	-40.02	-37.72	27.20	0.08	46.50	144.20
4700.00	0.59	350.63	4699.38	-39.27	-36.97	27.06	0.31	45.82	143.79
4769.00	0.48	339.33	4768.38	-38.63	-36.35	26.90	0.22	45.22	143.49



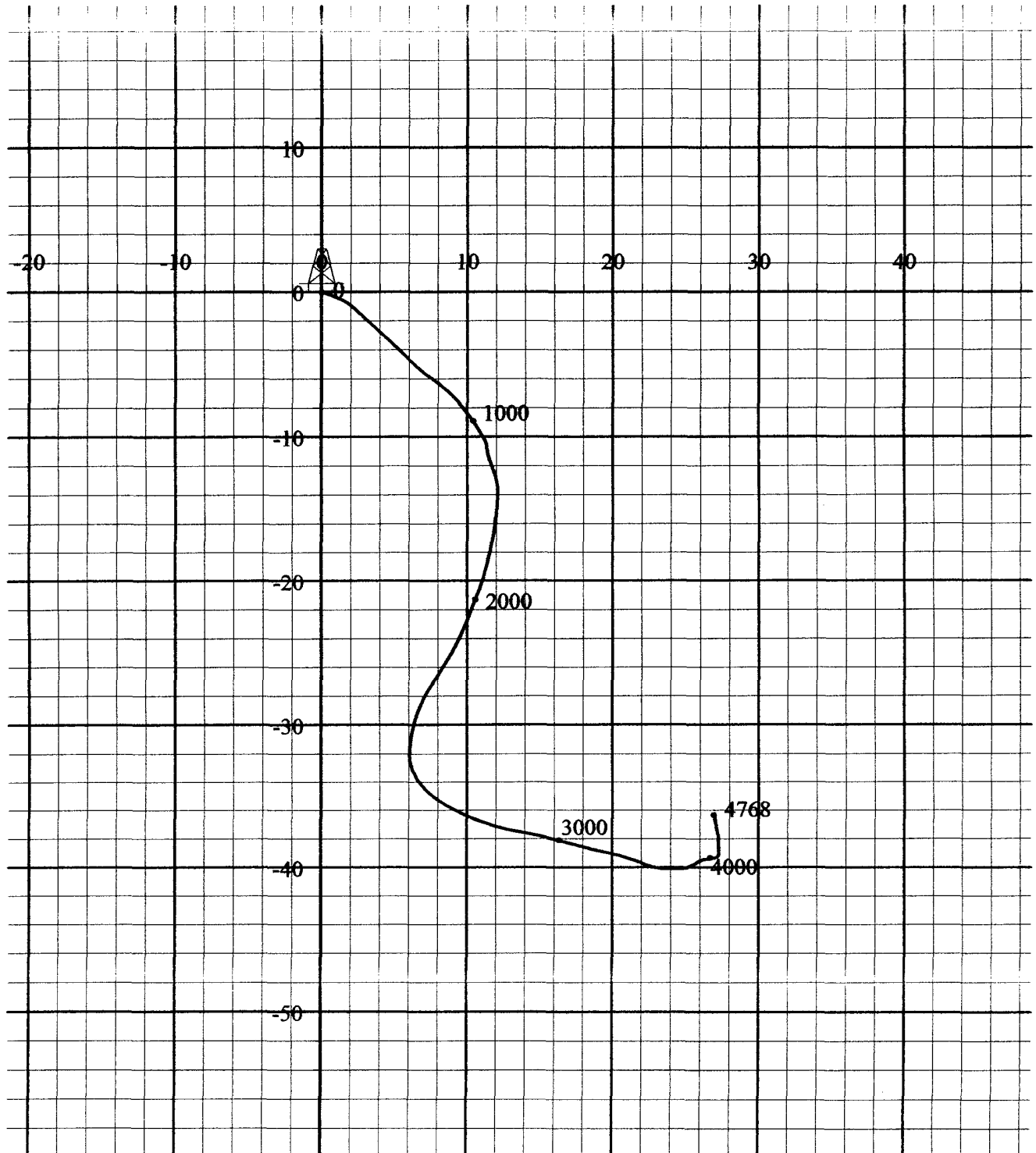
Scientific
Drilling

Field: Corral Canyon
Site: Eddy County, NM
Well: Wood Draw 35 Fed #2
Wellpath: VH - Job #32K12061051
Survey: 12/26/06



West(-)/East(+) [5ft/in]

South(-)/North(+) [5ft/in]



Pathfinder Energy

Survey Report - Geographic

Company: Mewbourne Oil Company		Date: 1/15/2007	Time: 15:55:08	Page: 1
Field: Wood Draw		Co-ordinate (NE) Reference:		Site: Wood Draw 35-2H, Grid North
Site: Wood Draw 35-2H		Vertical Datum Reference:		Site: 0.0
Well: Wood Draw 35-2H		Station: ASK 181737		Well: 0.00 N 0.00 E 354.81 W
Wellpath: Original		Survey: Orientation Method:		Minimum Curvature
				DB: Sybase

Field: Wood Draw Eddy County, NM	
Map System: US State Plane Coordinate System, NAD 83	Map Zone: New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Site Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2005

Site: Wood Draw 35-2H Eddy County, NM	
Site Position:	Northing: 424821.58 ft Latitude: 32 10 2.555 N
From: Map	Easting: 618023.03 ft Longitude: 103 57 6.891 W
Position Uncertainty: 0.00 ft	North Reference: Grid
Ground Level: 3073.00 ft	Grid Convergence: 0.20 deg

Well: Wood Draw 35-2H		Slot Name:	
Well Position: +N-S 0.00 ft	Northing: 424821.58 ft	Latitude: 32 10 2.555 N	
+E-W 0.00 ft	Easting: 618023.03 ft	Longitude: 103 57 6.891 W	
Position Uncertainty: 0.00 ft			

Wellpath: Original		Drilled From: Surface	
Current Datum: SITE	Height: 0.00 ft	Tie-on Depth: 0.00 ft	
Magnetic Data: 9/28/2006		Above System Datum: Mean Sea Level	
Field Strength: 49053 nT		Declination: 8.30 deg	
Vertical Section: Depth From (TVD)	+N-S	Mag Dip Angle: 60.19 deg	
ft	ft	+E-W	Direction
		ft	deg
0.00	0.00	0.00	354.81

Survey: Pathfinder MWD	Start Date: 12/29/2006
Company: Pathfinder Energy	Engineer:
Tool:	Tied-to: From: Definitive Path

Survey: Pathfinder MWD

WOB	Angle	WOB	Angle	WOB	Angle	WOB	Angle	WOB	Angle	WOB	Angle	WOB	Angle	WOB	Angle
ft	deg	ft	deg	ft	deg	ft	deg	ft	deg	ft	deg	ft	deg	ft	deg
4769.00	0.48	339.33	4768.38	-36.35	26.90	424785.23	618049.93	32 10	2.195 N	103 57	6.579 W				
4787.00	1.40	340.80	4786.38	-36.07	26.81	424785.51	618049.83	32 10	2.198 N	103 57	6.580 W				
4819.00	4.57	344.90	4818.33	-34.47	26.34	424787.11	618049.37	32 10	2.213 N	103 57	6.586 W				
4851.00	7.91	346.04	4850.13	-31.10	25.48	424790.48	618048.51	32 10	2.247 N	103 57	6.596 W				
4883.00	11.78	344.46	4881.66	-25.82	24.07	424795.77	618047.10	32 10	2.299 N	103 57	6.612 W				
4915.00	15.83	342.88	4912.73	-18.49	21.91	424803.09	618044.94	32 10	2.372 N	103 57	6.637 W				
4947.00	19.96	342.52	4943.17	-9.11	18.99	424812.47	618042.01	32 10	2.465 N	103 57	6.670 W				
4979.00	24.09	342.88	4972.83	2.35	15.42	424823.93	618038.45	32 10	2.578 N	103 57	6.711 W				
5011.00	27.87	343.23	5001.59	15.75	11.34	424837.34	618034.37	32 10	2.711 N	103 57	6.758 W				
5043.00	31.70	343.90	5029.36	31.00	6.85	424852.58	618029.87	32 10	2.862 N	103 57	6.810 W				
5075.00	34.80	345.80	5056.12	47.93	2.28	424869.52	618025.30	32 10	3.030 N	103 57	6.862 W				
5107.00	37.00	348.40	5082.04	66.22	-1.90	424887.81	618021.12	32 10	3.211 N	103 57	6.910 W				
5139.00	39.40	350.90	5107.19	85.69	-5.44	424907.27	618017.58	32 10	3.404 N	103 57	6.951 W				
5171.00	41.80	352.50	5131.48	106.29	-8.44	424927.87	618014.58	32 10	3.608 N	103 57	6.985 W				
5203.00	44.10	353.90	5154.90	127.94	-11.02	424949.52	618012.01	32 10	3.822 N	103 57	7.014 W				
5235.00	46.10	354.90	5177.49	150.50	-13.23	424972.08	618009.80	32 10	4.045 N	103 57	7.038 W				
5267.00	48.80	355.30	5199.13	173.98	-15.24	424995.57	618007.79	32 10	4.278 N	103 57	7.061 W				
5299.00	51.53	355.53	5219.62	198.47	-17.20	425020.06	618005.82	32 10	4.520 N	103 57	7.083 W				
5331.00	54.32	355.62	5238.91	223.93	-19.17	425045.51	618003.85	32 10	4.772 N	103 57	7.105 W				
5363.00	57.51	355.88	5256.84	250.35	-21.13	425071.94	618001.89	32 10	5.034 N	103 57	7.126 W				
5395.00	60.94	355.62	5273.22	277.77	-23.17	425099.35	617999.85	32 10	5.305 N	103 57	7.149 W				
5427.00	64.19	355.88	5287.96	306.09	-25.28	425127.67	617997.75	32 10	5.585 N	103 57	7.172 W				
5459.00	67.53	356.85	5301.04	335.22	-27.12	425156.81	617995.90	32 10	5.874 N	103 57	7.193 W				

Pathfinder Energy

Survey Report - Geographic

Company: Newbourn Oil Company	Date: 1/15/2007	Time: 15:55:08	Page: 2
Project: W-33 31-41	Coordinate System: NAD 83	Site: Wood Creek	Grid: North
Well: W-33 31-41	Survey: W-33 31-41	Survey: W-33 31-41	Survey: W-33 31-41
Well: W-33 31-41	Survey: W-33 31-41	Survey: W-33 31-41	Survey: W-33 31-41

Survey: Pathfinder MWD

MD	Incl. Deg.	Azim. Deg.	TVD ft.	N-S ft.	E-W ft.	Map Northing ft.	Map Easting ft.	Latitude Deg Min Sec	Longitude Deg Min Sec
5491.00	70.61	357.99	5312.47	365.08	-28.47	425186.66	617994.56	32 10 6.169 N	103 57 7.207 W
5523.00	73.07	359.05	5322.45	395.47	-29.25	425217.06	617993.78	32 10 6.470 N	103 57 7.215 W
5555.00	74.57	358.34	5331.36	426.20	-29.95	425247.78	617993.08	32 10 6.774 N	103 57 7.222 W
5587.00	76.94	356.94	5339.24	457.18	-31.23	425278.77	617991.80	32 10 7.081 N	103 57 7.235 W
5619.00	80.64	356.67	5345.46	488.52	-32.98	425310.10	617990.05	32 10 7.391 N	103 57 7.254 W
5651.00	85.03	358.08	5349.45	520.23	-34.43	425341.81	617988.60	32 10 7.705 N	103 57 7.270 W
5683.00	88.55	359.58	5351.24	552.16	-35.08	425373.75	617987.94	32 10 8.021 N	103 57 7.276 W
5714.00	90.04	0.10	5351.62	583.16	-35.17	425404.74	617987.86	32 10 8.328 N	103 57 7.276 W
5746.00	90.66	358.58	5351.42	615.16	-35.54	425436.74	617987.49	32 10 8.644 N	103 57 7.279 W
5778.00	91.10	358.58	5350.93	647.14	-36.33	425468.73	617986.70	32 10 8.961 N	103 57 7.287 W
5810.00	91.10	358.08	5350.32	679.12	-37.26	425500.71	617985.76	32 10 9.278 N	103 57 7.296 W
5842.00	90.04	356.67	5350.00	711.09	-38.73	425532.67	617984.30	32 10 9.594 N	103 57 7.312 W
5874.00	90.04	356.23	5349.98	743.02	-40.71	425564.61	617982.32	32 10 9.910 N	103 57 7.334 W
5906.00	90.22	356.06	5349.91	774.95	-42.86	425596.54	617980.16	32 10 10.226 N	103 57 7.357 W
5938.00	90.57	355.88	5349.68	806.87	-45.11	425628.46	617977.92	32 10 10.542 N	103 57 7.382 W
5970.00	90.84	355.80	5349.29	838.79	-47.43	425660.37	617975.59	32 10 10.858 N	103 57 7.408 W
6002.00	90.75	355.27	5348.85	870.69	-49.92	425692.27	617973.10	32 10 11.174 N	103 57 7.436 W
6034.00	90.57	354.39	5348.48	902.55	-52.80	425724.14	617970.22	32 10 11.489 N	103 57 7.468 W
6066.00	89.16	353.33	5348.55	934.37	-56.23	425755.95	617966.80	32 10 11.804 N	103 57 7.506 W
6098.00	90.75	353.42	5348.58	966.15	-59.92	425787.74	617963.11	32 10 12.119 N	103 57 7.548 W
6130.00	90.92	353.16	5348.11	997.93	-63.66	425819.51	617959.37	32 10 12.433 N	103 57 7.590 W
6162.00	90.31	352.54	5347.77	1029.68	-67.64	425851.26	617955.39	32 10 12.748 N	103 57 7.635 W
6194.00	89.16	351.58	5347.92	1061.37	-72.06	425882.95	617950.96	32 10 13.062 N	103 57 7.685 W
6226.00	89.08	351.58	5348.41	1093.02	-76.75	425914.61	617946.28	32 10 13.375 N	103 57 7.739 W
6258.00	88.81	351.40	5349.00	1124.66	-81.48	425946.25	617941.55	32 10 13.688 N	103 57 7.792 W
6290.00	89.08	351.23	5349.59	1156.29	-86.31	425977.88	617936.71	32 10 14.001 N	103 57 7.847 W
6322.00	89.25	351.14	5350.05	1187.91	-91.21	426009.49	617931.81	32 10 14.315 N	103 57 7.903 W
6354.00	89.52	350.87	5350.40	1219.52	-96.22	426041.10	617926.81	32 10 14.627 N	103 57 7.960 W
6385.00	89.60	350.52	5350.63	1250.11	-101.23	426071.69	617921.80	32 10 14.930 N	103 57 8.017 W
6417.00	89.43	350.17	5350.91	1281.65	-106.60	426103.24	617916.43	32 10 15.243 N	103 57 8.078 W
6449.00	89.87	350.35	5351.10	1313.19	-112.01	426134.77	617911.02	32 10 15.555 N	103 57 8.140 W
6481.00	90.66	350.26	5350.95	1344.73	-117.40	426166.32	617905.63	32 10 15.867 N	103 57 8.201 W
6513.00	91.01	350.43	5350.49	1376.28	-122.76	426197.86	617900.26	32 10 16.180 N	103 57 8.262 W
6545.00	90.84	349.91	5349.97	1407.80	-128.23	426229.39	617894.80	32 10 16.492 N	103 57 8.325 W
6577.00	90.92	349.73	5349.48	1439.29	-133.88	426260.88	617889.14	32 10 16.804 N	103 57 8.389 W
6609.00	90.48	349.82	5349.09	1470.78	-139.56	426292.37	617883.46	32 10 17.116 N	103 57 8.454 W
6641.00	90.13	349.38	5348.92	1502.26	-145.34	426323.84	617877.69	32 10 17.427 N	103 57 8.520 W
6673.00	90.66	349.73	5348.70	1533.73	-151.14	426355.31	617871.88	32 10 17.739 N	103 57 8.586 W
6705.00	90.84	349.03	5348.28	1565.18	-157.04	426386.76	617865.99	32 10 18.050 N	103 57 8.653 W
6737.00	90.90	349.60	5347.79	1596.62	-162.97	426418.20	617860.06	32 10 18.362 N	103 57 8.721 W
6769.00	91.01	349.23	5347.26	1628.07	-168.85	426449.65	617854.18	32 10 18.673 N	103 57 8.788 W
6801.00	90.66	349.12	5346.79	1659.50	-174.86	426481.08	617848.17	32 10 18.984 N	103 57 8.857 W
6833.00	90.13	348.94	5346.57	1690.91	-180.95	426512.49	617842.08	32 10 19.295 N	103 57 8.926 W
6865.00	89.87	349.03	5346.57	1722.32	-187.06	426543.90	617835.97	32 10 19.607 N	103 57 8.996 W
6897.00	88.72	348.68	5346.97	1753.71	-193.24	426575.30	617829.78	32 10 19.917 N	103 57 9.067 W
6929.00	88.29	349.20	5347.80	1785.11	-199.38	426606.69	617823.64	32 10 20.228 N	103 57 9.137 W
6961.00	88.37	349.03	5348.73	1816.52	-205.42	426638.10	617817.60	32 10 20.539 N	103 57 9.206 W
6993.00	88.90	348.94	5349.50	1847.92	-211.53	426669.50	617811.49	32 10 20.850 N	103 57 9.276 W
7025.00	89.25	348.94	5350.01	1879.32	-217.67	426700.91	617805.35	32 10 21.161 N	103 57 9.346 W
7057.00	90.13	348.90	5350.19	1910.72	-223.82	426732.31	617799.20	32 10 21.472 N	103 57 9.416 W
7089.00	89.96	348.76	5350.16	1942.12	-230.02	426763.70	617793.00	32 10 21.783 N	103 57 9.487 W
7121.00	89.96	348.76	5350.18	1973.50	-236.26	426795.09	617786.77	32 10 22.094 N	103 57 9.558 W

Pathfinder Energy

Survey Report - Geographic

Company: Melbourne Oil Company	Date: 1/15/2007	Time: 15:55:08	Page: 3
Field: Wood Draw	Geographic North	Site: Wood Draw 35-2H, Grid North	
Sheet: Wood Draw 35-2H	Actual TVD Program	Well: 00010001354-01A-1	
Well: Wood Draw 35-2H	Survey Method	Minimum Deviation	Dr: Sybase

Survey: Pathfinder MWD

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
7153.00	91.19	348.50	5349.86	2004.87	-242.57	426826.46	617780.46	32 10 22.405 N	103 57 9.630 W
7185.00	91.10	348.50	5349.22	2036.23	-248.94	426857.81	617774.08	32 10 22.715 N	103 57 9.703 W
7216.00	91.63	348.24	5348.48	2066.58	-255.19	426888.16	617767.83	32 10 23.016 N	103 57 9.775 W
7248.00	91.71	348.24	5347.55	2097.90	-261.71	426919.48	617761.31	32 10 23.326 N	103 57 9.849 W
7271.00	91.36	347.89	5346.93	2120.39	-266.47	426941.97	617756.56	32 10 23.549 N	103 57 9.904 W
7340.00	91.36	347.89	5345.30	2187.84	-280.94	427009.42	617742.09	32 10 24.217 N	103 57 10.069 W

Mewbourne Oil Company

Field: Wood Draw
 Site: Wood Draw 35-2H
 Well: Wood Draw 35-2H
 Wellpath: Original
 Survey: Pathfinder MWD

SITE DETAILS

Wood Draw 35-2H
 Eddy County, NM
 Site Centre Northing: 424821.58
 Easting: 618023.03
 Ground Level: 3073.00
 Positional Uncertainty: 0.00
 Convergence: 0.20

WELLPATH DETAILS

Original
 Rig:
 Ref. Datum: SITE 0.00ft
 V.Section Angle
 Origin +N/-S
 Origin +E/-W
 Starting From TVD
 354.81° 0.00 0.00 0.00

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Begin Drop 200' to TD	5349.50	1979.16	-187.45	Point
Wood Draw 35-1 PBHL	5350.00	2179.18	-198.13	Point
PBHL Target 5360	5360.00	2179.18	-198.13	Point

ANNOTATIONS

No.	TVD	MD	Annotation
1	5346.93	7271.00	Last Survey
2	5345.30	7340.00	Projection to Bit

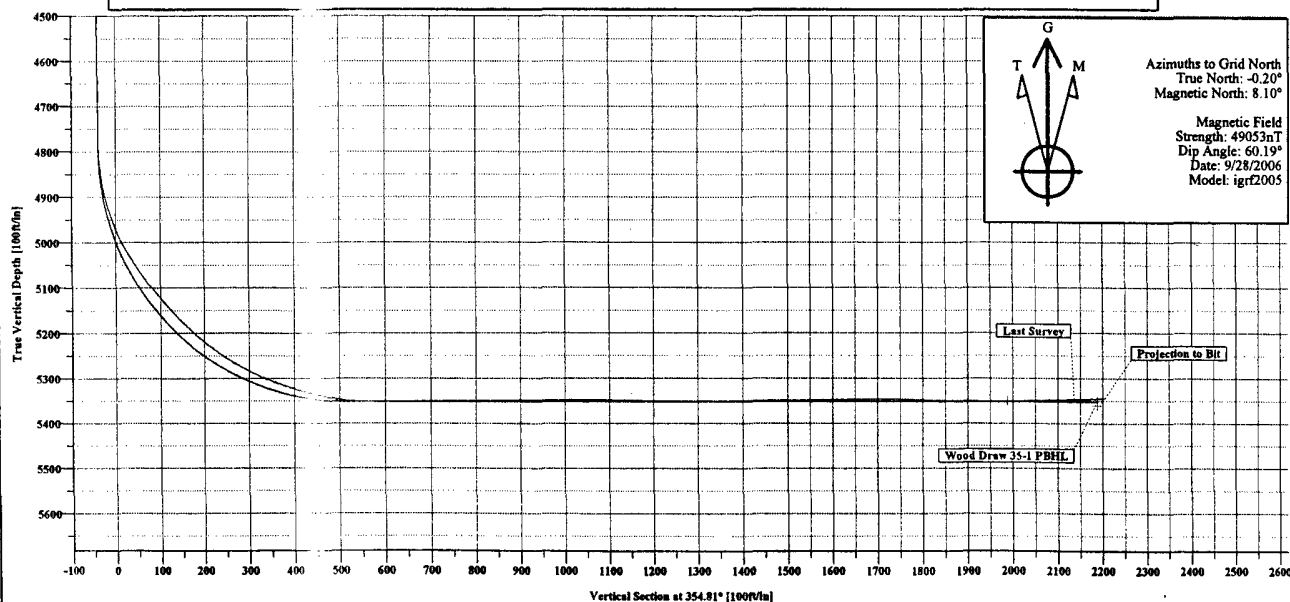
Survey: Pathfinder MWD (Wood Draw 35-2H/Original)

No.	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
75	7121.00	89.96	348.76	5350.18	1973.50	-236.26	0.00	0.00	1986.79
76	7153.00	91.19	348.50	5349.86	2004.87	-242.57	3.93	-11.93	2018.60
77	7185.00	91.10	348.50	5349.22	2036.23	-248.94	0.28	180.00	2050.40
78	7216.00	91.63	348.24	5348.48	2066.58	-255.19	1.90	-26.12	2081.20
79	7248.00	91.71	348.24	5347.55	2097.90	-261.71	0.25	0.00	2112.97
80	7271.00	91.36	347.89	5346.93	2120.39	-266.47	2.15	-135.01	2135.81
81	7340.00	91.36	347.89	5345.30	2187.84	-280.94	0.00	0.00	2204.29



Azimuths to Grid North
 True North: -0.20°
 Magnetic North: 8.10°

Magnetic Field
 Strength: 49053nT
 Dip Angle: 60.19°
 Date: 9/28/2006
 Model: igrf2005



PATHFINDER

