

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised June 10, 2003

District I
1625 N. French, 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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-015-34077

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

V-0993

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐ RECEIVED

7. Lease Name or Unit Agreement Name

Indian Basin "32" State

2. Name of Operator

Marathon Oil Company

JAN 18 2006

8. Well No.

5

3. Address of Operator

P.O. Box 3487 Houston, TX 77253-3487

9. Pool name or Wildcat

Indian Basin Upper Penn Assoc 33685

4. Well Location

Unit Letter **D** : **629** Feet From The **North** Line and **822** Feet From The **West** Line

Section **32** Township **21-S** Range **24-E** NMPM **Lea** County

10. Date Spudded

06/22/2005

11. Date T.D. Reached

08/13/2005

12. Date Compl. (Ready to Prod.)

09/02/2005

13. Elevations (DF & RKB, RT, GR, etc.)

3801' GR

14. Elev. Casinghead

15. Total Depth

8411' MD 8191' TVD

16. Plug Back T.D.

8366' MD 8147' TVD

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

All

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

7472' - 8050', Indian Basin Upper Penn Associated

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Dual Spaced Neutron, Compensated Spectral Natural Gamma

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36 #	1250'	14 3/4 to 372'	700 sks cwn casing	
			12 1/4 372-1250	300 sks cwn annulus via 1"	
7"	23 & 26 #	8411'	8 3/4"	520 sks	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	8210'	N/A
					SUB Pump @	8250'	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

7472-7502, 7522-66, 7644-54, 70-94, 7705-09, 26-46, 94-98,
7812-22, 35-72, 87'-7921, 28-35, 49-57, 65-8050.
23 gram charges, 1308 shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7472'-8050'	44,000 gals CCA Sour acid

28. PRODUCTION

Date First Production 09/03/2005		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping					Well Status (Prod. or Shut-in) Active	
Date of Test 09/19/2005	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 140.0	Gas - MCF 100	Water - Bbl. 184	Gas - Oil Ratio 714	
Flow Tubing Press. 220	Casing Pressure 110	Calculated 24- Hour Rate	Oil - Bbl. 140	Gas - MCF 100	Water - Bbl. 184	Oil Gravity - API -(Corr.) 36.8		

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

Sold

Test Witnessed By

Jerry Harrison

30. List Attachments

Logs, Inclination report, Directional Survey, Wellbore Diagram.

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Charles E. Kendrick*

Printed Name

Charles E. Kendrick

Title Engineering Tech

Date 01/03/2006

E-mail address cekendrix@marathonoil.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northeastern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 2270'	T. McKee	Base Greenhorn	T. Granite
T. Paddock 2454'	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs 4485'	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp 6818'		T. Chinle	T.
T. Penn	T.	T. Permain	T.
T. Cisco (Bough C) 7466'	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____

No. 3, from ----- to -----

No. 2, from ----- to -----

No. 4, from ----- to -----

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet _____

No. 2, from _____ to _____ feet _____

No. 3. from _____ to _____ feet _____

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology



McVAY DRILLING COMPANY
Post Office Box 924
Hobbs, New Mexico 88241
(505) 397-3311
FAX: 39-DRILL

Well Name and Number: Indian Basin 32 # 5

Location: Sec 32, T21S, R24E, Eddy County, NM

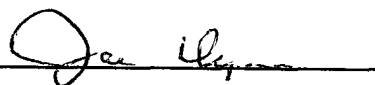
Operator: Marathon

Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>		<u>Degrees @ Depth</u>	
¼	1293	14	5366
1	1397	14 ¾	5610
6 ½	1580	14 ¾	5661
15 ¼	2124	14 ½	5975
14 ¼	2218	16	6304
14 ¾	2883	15	6494
15	3018	15 ¾	6870
15 ½	3267	14	7030
15	3394	14 ¾	7380
14 ¾	4093	14	7472
15	4157	15 ½	8032
15	4660	15 ½	8124
14 ½	4723	14 ½	8356
14 ½	5039		
14	5273		

Drilling Contractor: McVay Drilling Company

By: 

Subscribed and sworn to before me this 19th day of August, 2005



Notary Public

Lea County, New Mexico

My Commission Expires: 8-16-09

WELL NAME AND NUMBER Indian Basin 32 State No. 5
LOCATION 629' FNL & 822' FWL, Section 32, T21S, R24E, Eddy County NM
OPERATOR Marathon Oil Company
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4° 511'</u>	<u> </u>	<u> </u>
<u>3/4° 998'</u>	<u> </u>	<u> </u>
<u>3/4° 1250'</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Drilling Contractor United Drilling, Inc.

By: Karma Tankersley
Karma Tankersley
Title: Asst. Office Mgr.

Subscribed and sworn to before me this 8 day of July,
205.

Doyle A. Aho
Notary Public

My Commission Expires: 10-8-08 Chaves, New Mexico
County State

RECEIVED
JAN 18 2006
OCC-AMTESIA

Marathon Oil Company
Indian Basin "32" State #5

slot #1
INDIAN BASIN
Eddy County New Mexico

SURVEY LISTING

by
Baker Hughes INTEQ

Your ref : MWD
Our ref : svy2425
License :

Date printed : 10-Jan-2006
Date created : 20-Nov-2003
Last revised : 10-Jan-2006

Field is centred on 445535.500,521332.200,-105.00000,N
Structure is centred on n32 26 26.830,w104 31 36.96

Slot location is n32 26 26.830,w104 31 36.960
Slot Grid coordinates are N 524125.848, E 440273.855
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: Clarke - 1866

Reference North is Grid North

Marathon Oil Company
Indian Basin "32" State #5, slot #1
INDIAN BASIN, Eddy County New Mexico

SURVEY LISTING Page 1
Your ref : MWD
Last revised : 10-Jan-2006

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect	G R I D Easting	C O O R D S Northing
0.00	0.00	0.00	0.00	0.00N	0.00E	0.00	4.47	440273.85	524125.85
100.00	0.45	308.29	100.00	0.24N	0.31W	0.45	4.21	440273.55	524126.09
200.00	0.16	345.61	200.00	0.62N	0.65W	0.34	3.81	440273.20	524126.47
300.00	0.18	83.88	300.00	0.77N	0.53W	0.26	3.67	440273.33	524126.62
400.00	0.20	17.11	400.00	0.96N	0.32W	0.21	3.50	440273.53	524126.81
500.00	0.44	24.17	500.00	1.47N	0.11W	0.24	2.99	440273.74	524127.32
600.00	0.55	21.24	599.99	2.27N	0.22E	0.11	2.22	440274.07	524128.12
700.00	0.60	16.23	699.99	3.22N	0.54E	0.07	1.29	440274.39	524129.07
800.00	0.61	82.11	799.98	3.80N	1.21E	0.66	0.76	440275.07	524129.65
900.00	0.42	96.85	899.98	3.83N	2.10E	0.23	0.78	440275.96	524129.68
1000.00	0.14	14.11	999.98	3.90N	2.50E	0.43	0.73	440276.35	524129.75
1100.00	0.16	350.88	1099.98	4.16N	2.50E	0.06	0.48	440276.36	524130.01
1200.00	0.43	331.12	1199.98	4.63N	2.30E	0.28	0.00	440276.16	524130.47
1293.00	0.35	333.30	1292.97	5.18N	2.00E	0.09	-0.58	440275.86	524131.03
1324.00	0.35	311.23	1323.97	5.33N	1.89E	0.43	-0.73	440275.75	524131.18
1356.00	0.35	223.69	1355.97	5.33N	1.75E	1.51	-0.73	440275.60	524131.17
1387.00	1.10	182.60	1386.97	4.96N	1.67E	2.80	-0.37	440275.53	524130.81
1419.00	2.10	180.10	1418.96	4.07N	1.66E	3.13	0.52	440275.51	524129.91
1451.00	3.00	177.60	1450.92	2.64N	1.69E	2.83	1.94	440275.54	524128.49
1483.00	4.00	178.00	1482.86	0.69N	1.76E	3.13	3.89	440275.62	524126.54
1515.00	4.90	177.60	1514.77	1.79S	1.86E	2.81	6.37	440275.71	524124.06
1547.00	5.60	177.30	1546.63	4.71S	1.99E	2.19	9.30	440275.85	524121.13
1580.00	6.50	176.60	1579.45	8.19S	2.18E	2.74	12.78	440276.03	524117.66
1612.00	7.00	176.20	1611.23	11.94S	2.41E	1.57	16.54	440276.27	524113.91
1644.00	7.80	176.20	1642.96	16.05S	2.69E	2.50	20.66	440276.54	524109.79
1677.00	8.70	175.90	1675.62	20.78S	3.01E	2.73	25.40	440276.87	524105.07
1709.00	9.50	179.00	1707.22	25.83S	3.23E	2.93	30.46	440277.09	524100.02
1741.00	10.40	181.50	1738.73	31.36S	3.20E	3.12	35.97	440277.06	524094.49
1773.00	11.10	180.10	1770.17	37.33S	3.12E	2.33	41.92	440276.98	524088.52
1805.00	11.80	182.50	1801.54	43.68S	2.97E	2.65	48.25	440276.83	524082.17
1837.00	12.50	182.20	1832.82	50.41S	2.70E	2.20	54.95	440276.55	524075.44
1869.00	13.20	183.60	1864.02	57.51S	2.34E	2.39	62.02	440276.19	524068.33
1901.00	13.80	183.90	1895.13	64.97S	1.85E	1.89	69.43	440275.70	524060.88
1933.00	14.10	183.90	1926.19	72.66S	1.32E	0.94	77.08	440275.18	524053.18
1965.00	14.70	185.00	1957.18	80.60S	0.70E	2.06	84.95	440274.56	524045.25
1997.00	15.20	185.70	1988.10	88.82S	0.07W	1.66	93.11	440273.79	524037.03
2029.00	15.30	186.40	2018.97	97.19S	0.95W	0.65	101.41	440272.90	524028.66
2060.00	15.50	186.10	2048.86	105.37S	1.85W	0.69	109.52	440272.00	524020.48
2092.00	15.60	186.10	2079.69	113.90S	2.76W	0.31	117.97	440271.09	524011.95
2124.00	15.20	186.40	2110.54	122.35S	3.69W	1.27	126.35	440270.17	524003.50
2155.00	14.70	186.10	2140.49	130.30S	4.56W	1.63	134.23	440269.30	523995.55
2187.00	14.40	185.00	2171.46	138.30S	5.34W	1.27	142.16	440268.52	523987.55
2218.00	14.40	184.30	2201.49	145.98S	5.96W	0.56	149.79	440267.89	523979.87
2250.00	14.40	184.30	2232.49	153.92S	6.56W	0.00	157.67	440267.30	523971.93
2281.00	14.60	184.30	2262.50	161.66S	7.14W	0.65	165.36	440266.72	523964.19
2312.00	14.80	184.00	2292.48	169.50S	7.71W	0.69	173.16	440266.15	523956.34
2376.00	14.80	185.70	2354.36	185.79S	9.09W	0.68	189.33	440264.76	523940.06
2436.00	12.40	186.40	2412.67	199.82S	10.57W	4.01	203.23	440263.28	523926.03
2500.00	13.60	187.50	2475.03	214.11S	12.32W	1.91	217.39	440261.54	523911.74
2563.00	14.20	186.10	2536.19	229.14S	14.11W	1.09	232.27	440259.75	523896.71

Marathon Oil Company
Indian Basin "32" State #5, slot #1
INDIAN BASIN, Eddy County New Mexico

SURVEY LISTING Page 2
Your ref : MWD
Last revised : 10-Jan-2006

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect	G R I D C O O R D S Easting Northing	
2627.00	14.80	186.10	2598.15	245.07S	15.81W	0.94	248.07	440258.05	523880.78
2691.00	14.80	186.10	2660.03	261.33S	17.55W	0.00	264.18	440256.31	523864.52
2755.00	15.20	186.80	2721.84	277.79S	19.41W	0.69	280.49	440254.45	523848.06
2819.00	15.20	186.40	2783.61	294.46S	21.34W	0.16	297.01	440252.52	523831.39
2883.00	14.70	187.10	2845.44	310.85S	23.28W	0.83	313.25	440250.58	523815.00
2946.00	15.20	185.70	2906.31	327.00S	25.08W	0.98	329.25	440248.77	523798.85
3010.00	15.10	185.00	2968.08	343.65S	26.64W	0.33	345.77	440247.21	523782.19
3080.00	14.40	184.60	3035.77	361.41S	28.14W	1.01	363.41	440245.72	523764.43
3143.00	14.70	184.60	3096.75	377.19S	29.41W	0.48	379.07	440244.45	523748.66
3206.00	15.10	184.60	3157.64	393.34S	30.71W	0.63	395.10	440243.15	523732.51
3267.00	15.60	183.90	3216.46	409.44S	31.90W	0.87	411.10	440241.95	523716.41
3331.00	15.70	184.30	3278.09	426.66S	33.13W	0.23	428.21	440240.72	523699.19
3394.00	15.00	183.60	3338.84	443.30S	34.29W	1.15	444.74	440239.57	523682.55
3458.00	14.60	183.60	3400.72	459.61S	35.31W	0.62	460.96	440238.54	523666.23
3521.00	14.60	183.60	3461.68	475.46S	36.31W	0.00	476.72	440237.55	523650.39
3585.00	14.80	184.30	3523.59	491.66S	37.43W	0.42	492.82	440236.43	523634.18
3648.00	14.60	184.30	3584.52	507.61S	38.63W	0.32	508.65	440235.23	523618.24
3712.00	14.30	183.90	3646.50	523.53S	39.77W	0.49	524.48	440234.09	523602.31
3776.00	14.60	184.30	3708.48	539.46S	40.91W	0.49	540.30	440232.94	523586.38
3840.00	14.60	184.30	3770.41	555.55S	42.12W	0.00	556.28	440231.73	523570.30
3904.00	14.80	184.60	3832.31	571.74S	43.38W	0.33	572.36	440230.47	523554.11
3967.00	14.80	185.30	3893.22	587.78S	44.77W	0.28	588.28	440229.08	523538.07
4030.00	14.70	185.40	3954.15	603.75S	46.27W	0.16	604.12	440227.59	523522.10
4093.00	14.70	185.40	4015.09	619.66S	47.77W	0.00	619.91	440226.08	523506.19
4157.00	15.00	185.70	4076.95	635.99S	49.36W	0.48	636.10	440224.50	523489.86
4220.00	14.80	185.70	4137.83	652.11S	50.97W	0.32	652.09	440222.89	523473.74
4283.00	14.80	185.30	4198.74	668.12S	52.51W	0.16	667.98	440221.35	523457.72
4347.15	15.20	185.30	4260.70	684.66S	54.04W	0.62	684.38	440219.81	523441.19
4409.00	15.50	185.70	4320.35	700.95S	55.61W	0.51	700.55	440218.24	523424.89
4472.00	14.70	185.00	4381.17	717.29S	57.15W	1.30	716.76	440216.71	523408.55
4534.00	14.70	183.90	4441.14	732.98S	58.37W	0.45	732.34	440215.49	523392.87
4598.00	14.80	183.60	4503.03	749.24S	59.43W	0.20	748.50	440214.42	523376.61
4660.00	15.00	183.30	4562.95	765.15S	60.39W	0.35	764.32	440213.46	523360.70
4723.00	14.60	183.60	4623.86	781.22S	61.36W	0.65	780.29	440212.50	523344.63
4786.00	14.10	182.50	4684.89	796.81S	62.19W	0.90	795.80	440211.66	523329.04
4850.00	14.20	182.20	4746.95	812.44S	62.83W	0.19	811.36	440211.02	523313.41
4914.00	14.40	182.20	4808.97	828.24S	63.44W	0.31	827.09	440210.42	523297.61
4977.00	14.70	182.90	4869.95	844.05S	64.15W	0.55	842.82	440209.71	523281.80
5039.00	14.50	183.60	4929.95	859.65S	65.03W	0.43	858.34	440208.82	523266.20
5102.00	14.20	183.20	4990.98	875.24S	65.96W	0.50	873.84	440207.90	523250.61
5165.00	14.30	183.60	5052.04	890.72S	66.88W	0.22	889.23	440206.98	523235.13
5229.00	14.40	184.30	5114.04	906.54S	67.97W	0.31	904.96	440205.89	523219.31
5293.00	14.00	185.70	5176.09	922.18S	69.34W	0.82	920.48	440204.52	523203.67
5356.00	13.90	186.10	5237.23	937.29S	70.90W	0.22	935.46	440202.96	523188.56
5419.00	13.90	185.00	5298.39	952.35S	72.36W	0.42	950.40	440201.49	523173.50
5446.00	14.60	182.90	5324.56	958.98S	72.81W	3.22	956.99	440201.04	523166.87
5483.00	14.10	183.90	5360.40	968.13S	73.36W	1.51	966.09	440200.50	523157.72
5610.00	14.70	182.20	5483.41	999.67S	75.03W	0.58	997.46	440198.83	523126.18
5672.00	14.50	182.20	5543.41	1015.29S	75.63W	0.32	1013.00	440198.23	523110.56
5734.00	14.60	182.60	5603.42	1030.85S	76.28W	0.23	1028.50	440197.57	523095.00

Marathon Oil Company
Indian Basin "32" State #5, slot #1
INDIAN BASIN, Eddy County New Mexico

SURVEY LISTING Page 3
Your ref : MWD
Last revised : 10-Jan-2006

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect	G R I D Easting	C O O R D S Northing
5798.00	14.70	182.20	5665.34	1047.02S	76.96W	0.22	1044.59	440196.90
5861.00	14.70	181.80	5726.28	1063.00S	77.52W	0.16	1060.50	440196.34
5925.00	14.50	181.50	5788.21	1079.12S	77.98W	0.33	1076.57	440195.87
5988.00	14.20	182.20	5849.25	1094.73S	78.48W	0.55	1092.11	440195.37
6051.00	14.00	182.20	5910.35	1110.06S	79.07W	0.32	1107.38	440194.78
6115.00	14.10	182.90	5972.43	1125.59S	79.76W	0.31	1122.83	440194.09
6178.00	14.50	183.90	6033.48	1141.12S	80.69W	0.75	1138.27	440193.17
6240.00	14.80	183.90	6093.46	1156.76S	81.76W	0.48	1153.82	440192.10
6304.00	15.00	184.30	6155.31	1173.18S	82.93W	0.35	1170.13	440190.92
6366.00	15.10	184.00	6215.19	1189.23S	84.10W	0.20	1186.08	440189.76
6430.00	15.30	183.60	6276.95	1205.98S	85.21W	0.35	1202.72	440188.65
6493.00	14.90	183.90	6337.77	1222.35S	86.28W	0.65	1219.00	440187.57
6557.00	14.50	184.30	6399.68	1238.55S	87.44W	0.64	1235.09	440186.41
6620.00	14.80	185.40	6460.63	1254.43S	88.79W	0.65	1250.85	440185.06
6682.00	15.90	185.40	6520.42	1270.77S	90.34W	1.77	1267.06	440183.52
6746.00	15.50	185.30	6582.03	1288.01S	91.95W	0.63	1284.17	440181.90
6809.00	14.70	186.00	6642.85	1304.34S	93.56W	1.30	1300.37	440180.29
6841.00	14.50	186.00	6673.82	1312.36S	94.41W	0.62	1308.32	440179.45
6873.00	14.40	186.80	6704.81	1320.30S	95.30W	0.70	1316.18	440178.56
6905.00	14.70	185.30	6735.78	1328.29S	96.14W	1.51	1324.11	440177.71
6937.00	14.70	183.60	6766.73	1336.39S	96.77W	1.35	1332.15	440177.08
6968.00	14.50	181.50	6796.73	1344.19S	97.12W	1.83	1339.91	440176.73
7000.00	14.20	180.40	6827.73	1352.12S	97.25W	1.27	1347.82	440176.60
7030.00	13.90	180.80	6856.84	1359.41S	97.33W	1.05	1355.08	440176.53
7062.00	13.00	181.50	6887.96	1366.85S	97.48W	2.86	1362.50	440176.38
7094.00	12.70	183.60	6919.16	1373.96S	97.79W	1.73	1369.58	440176.06
7126.00	12.80	184.30	6950.37	1381.00S	98.28W	0.58	1376.58	440175.58
7157.00	13.30	185.00	6980.57	1387.98S	98.85W	1.69	1383.50	440175.01
7189.00	14.30	184.70	7011.64	1395.58S	99.49W	3.13	1391.05	440174.36
7221.00	15.10	182.90	7042.60	1403.69S	100.03W	2.88	1399.11	440173.83
7253.00	15.80	181.20	7073.44	1412.20S	100.33W	2.61	1407.59	440173.53
7285.00	16.00	180.00	7104.22	1420.97S	100.42W	1.20	1416.33	440173.43
7316.00	16.00	179.50	7134.01	1429.51S	100.38W	0.44	1424.86	440173.47
7380.00	14.70	176.20	7195.73	1446.44S	99.77W	2.45	1441.79	440174.09
7412.00	14.20	175.50	7226.72	1454.40S	99.19W	1.66	1449.77	440174.66
7443.00	14.10	175.20	7256.78	1461.95S	98.58W	0.40	1457.35	440175.28
7475.00	14.00	175.90	7287.82	1469.70S	97.97W	0.62	1465.12	440175.88
7507.00	14.20	177.60	7318.86	1477.48S	97.53W	1.44	1472.91	440176.32
7539.00	14.60	177.30	7349.85	1485.43S	97.18W	1.27	1480.87	440176.68
7570.00	15.10	177.60	7379.82	1493.37S	96.83W	1.63	1488.81	440177.03
7601.00	15.60	177.60	7409.71	1501.57S	96.48W	1.61	1497.02	440177.37
7631.00	16.00	178.00	7438.58	1509.73S	96.17W	1.38	1505.18	440177.69
7662.00	16.20	178.70	7468.36	1518.32S	95.92W	0.90	1513.78	440177.93
7693.00	16.00	180.40	7498.15	1526.92S	95.85W	1.65	1522.36	440178.00
7724.00	15.70	181.70	7527.97	1535.38S	96.01W	1.50	1530.80	440177.85
7755.00	15.40	182.50	7557.83	1543.69S	96.31W	1.19	1539.07	440177.54
7786.00	15.00	182.20	7587.75	1551.81S	96.64W	1.32	1547.15	440177.21
7816.00	15.30	182.50	7616.70	1559.64S	96.97W	1.03	1554.95	440176.89
7847.00	15.70	182.90	7646.58	1567.92S	97.36W	1.34	1563.18	440176.50
7878.00	16.10	182.90	7676.39	1576.40S	97.79W	1.29	1571.62	440176.07

Marathon Oil Company
Indian Basin "32" State #5, slot #1
INDIAN BASIN, Eddy County New Mexico

SURVEY LISTING Page 4
Your ref : MWD
Last revised : 10-Jan-2006

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect	G R I D Easting	C O O R D S Northing
7909.00	15.60	182.50	7706.21	1584.86S	98.19W	1.65	1580.04	440175.67
7939.00	15.20	181.80	7735.14	1592.82S	98.49W	1.47	1587.96	440175.37
7970.00	15.30	181.50	7765.04	1600.97S	98.72W	0.41	1596.08	440175.13
8001.00	15.70	181.50	7794.92	1609.25S	98.94W	1.29	1604.33	440174.92
8032.00	15.60	181.20	7824.77	1617.61S	99.13W	0.41	1612.67	440174.72
8063.00	15.69	180.40	7854.62	1625.97S	99.25W	0.75	1621.00	440174.60
8124.00	15.50	179.70	7913.37	1642.37S	99.27W	0.44	1637.37	440174.59
8186.00	15.10	177.30	7973.18	1658.72S	98.84W	1.21	1653.71	440175.01
8247.00	15.30	177.60	8032.04	1674.70S	98.13W	0.35	1669.70	440175.72
8309.00	14.90	176.20	8091.90	1690.82S	97.26W	0.87	1685.85	440176.60
8356.00	14.60	175.50	8137.35	1702.76S	96.39W	0.74	1697.82	440177.46
8411.00	14.30	175.00	8190.61	1716.44S	95.26W	0.59	1711.54	440178.60

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 1719.08 on azimuth 183.18 degrees from wellhead.
Vertical section is from N 4.63 E 2.30 on azimuth 176.40 degrees.
Grid is mercator - New Mexico East (3001).
Grid coordinates in FEET and computed using the Clarke - 1866 spheroid
Presented by Baker Hughes INTEQ

Comments in wellpath =====			
MD	TVD	Rectangular Coords.	Comment

8411.00	8190.61	1716.44S	95.26W Projected to TD