

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NMNM101561

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

RIO SIETE FEDERAL #1

9. API WELL NO.

30-015-33662

10. FIELD AND POOL, OR WILDCAT

BONE SPRINGS

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

SEC. 1-T21S-R24E

12. COUNTY OR PARISH

EDDY

NM

13. STATE

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

MARBOB ENERGY CORPORATION

3. ADDRESS AND TELEPHONE NO.

PO BOX 227, ARTESIA, NM 88211-0227 (505) 748-3303

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1050 FSL 1320 FEL, UNIT P

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

NM

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

12/12/04

1/11/05

3/6/05

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*

3626' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

10420'

21. PLUG, BACK T.D., MD & TVD

7570'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - 10420'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

7003' - 7244' BONE SPRINGS

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL, CSNG

25. WAS DIRECTIONAL SURVEY MADE

NO

27. WAS WELL CORED

NO

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8" J-E	36#	1537'	12 1/4"	800 SX	NONE
4 1/2" M95	11.6#	10420'	8 3/4"	650 SX, TOC @ 6100'	NONE

29. LINER RECORD

30.

TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7315'	

31. PERFORATION RECORD (Interval, size and number)

10251-53' (12 SHOTS)	9043-65' (21 SHOTS)
10190-210' (24 SHOTS)	7580-82' (18 SHOTS)
10007-129' (28 SHOTS)	7003-244' (15 SHOTS)
9933-35' (12 SHOTS)	
9572-74' (18 SHOTS)	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10007-10129'	ACDZ W/ 1500 GAL CLAY SAFE H
9572-9574'	ACDZ W/ 250 GAL CLAY SAFE H
9043-9065'	ACDZ W/ 2500 GAL CLAY SAFE H
7580-7582'	ACDZ W/ 1000 GAL 15% NEFE HCL
	ACDZ W/ 1500 GAL 7 1/2% NEFE HCL &

33. * PRODUCTION 7003-7244' 150K# SANI

DATE FIRST PRODUCTION 3/10/05 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) PUMPING FRAC W/ WELL STATUS (Producing or shut-in) PROD

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
3/13/05	24			67	0	274	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

JONATHAN GRAY

35. LIST OF ATTACHMENTS

LOGS, DEVIATION SURVEY

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

PRODUCTION ANALYST

DATE

3/15/05

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

SUMMARY OF POROUS ZONES: (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):

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
QUEEN	300'				
SAN ANDRES	1049'				
BONE SPRING	2324'				
WOLFCAMP	7298'				
CISCO CANYON	8388'				
STRAWN	9042'				
ATOKA	9286'				
ZARAFSA SAND	9932'				
MORROW	9983'				

OPERATOR: Marbob Energy Corp.
WELL/LEASE: Rio Siete Fed #1
COUNTY: Eddy County, NM

STATE OF NEW MEXICO

DEVIATION REPORT

<u>Depth</u>	<u>Deviation</u>
755	1 1/2
1002	2
1030	2
1092	2 1/2
1191	2 1/4
1222	2 1/4
1287	2 1/4
1414	2
1597	1 1/4
1820	1/4
10146	1/4
10407	1/2

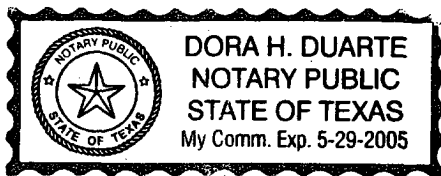
By: _____

A. Scott Dufford

The foregoing instrument was acknowledged before me on this 18th day of January, 2005 by A. Scott Dufford on behalf of Patriot Drilling, LLC.

My Commission Expires: 5/29/2005

Notary Public for Midland County, Texas



Survey Report

Calculated using the Minimum Curvature Method
 Computed using PDS VER2.2.6
 Vertical Section Plane: 0.00 deg.

Survey Reference: WELLHEAD
 Vertical Section Reference: WELLHEAD
 Closure Reference: WELLHEAD
 TVD Reference: WELLHEAD

Marbob Energy
 Rio Seite Fed. #1
 Patriot #2
 Eddy Co. NM

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	TOTAL Rectangular Offsets (ft)		DLS (dg/100ft)
1947.00	1.25	38.88	0.00	1947.00	0.00 N	0.00 E	0.00
1974.00	1.76	38.88	27.00	1973.99	0.55 N	0.45 E	1.89
2006.00	1.93	51.89	32.00	2005.97	1.27 N	1.18 E	1.41
2038.00	2.37	58.04	32.00	2037.95	1.95 N	2.16 E	1.55
2069.00	2.81	70.17	31.00	2068.92	2.55 N	3.42 E	2.26
2101.00	2.99	86.87	32.00	2100.88	2.86 N	4.99 E	2.69
2133.00	1.76	98.74	32.00	2132.85	2.83 N	6.31 E	4.12
2165.00	0.88	109.90	32.00	2164.84	2.67 N	7.03 E	2.85
2196.00	0.88	119.92	31.00	2195.84	2.47 N	7.46 E	0.50
2228.00	0.88	121.41	32.00	2227.84	2.22 N	7.88 E	0.07
2259.00	0.70	124.49	31.00	2258.83	1.99 N	8.24 E	0.60
2323.00	0.62	121.41	64.00	2322.83	1.59 N	8.86 E	0.14
2386.00	0.44	146.11	63.00	2385.83	1.21 N	9.28 E	0.46
2450.00	0.53	231.63	64.00	2449.82	0.82 N	9.19 E	1.03
2514.00	0.88	232.24	64.00	2513.82	0.34 N	8.57 E	0.55
2577.00	0.79	248.06	63.00	2576.81	0.12 S	7.78 E	0.39
2641.00	0.97	251.40	64.00	2640.80	0.46 S	6.86 E	0.29
2704.00	0.44	294.64	63.00	2703.80	0.53 S	6.14 E	1.14
2768.00	0.70	291.30	64.00	2767.80	0.28 S	5.55 E	0.41
2831.00	0.79	300.53	63.00	2830.79	0.08 N	4.82 E	0.24
2894.00	0.53	346.06	63.00	2893.79	0.58 N	4.37 E	0.90
2989.00	0.44	34.93	95.00	2988.78	1.31 N	4.47 E	0.43
3085.00	0.44	17.61	96.00	3084.78	1.96 N	4.80 E	0.14
3211.00	0.70	89.68	126.00	3210.78	2.42 N	5.71 E	0.56
3338.00	0.79	49.78	127.00	3337.77	2.99 N	7.16 E	0.41
3434.00	0.35	21.92	96.00	3433.76	3.69 N	7.77 E	0.53
3561.00	0.70	359.86	127.00	3560.76	4.83 N	7.91 E	0.31
3688.00	0.44	306.86	127.00	3687.75	5.90 N	7.52 E	0.44

Pathfinder Energy Services

Survey Report

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Date: 3/15/2005
Wellpath ID: riosiete

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	T O T A L Rectangular Offsets (ft) (ft)		DLS (dg/100ft)
3815.00	0.53	350.10	127.00	3814.75	6.77 N	7.03 E	0.29
3942.00	1.06	28.34	127.00	3941.74	8.38 N	7.49 E	0.57
4069.00	0.62	49.61	127.00	4068.72	9.86 N	8.57 E	0.42
4196.00	0.53	19.02	127.00	4195.72	10.86 N	9.28 E	0.25
4323.00	0.18	4.78	127.00	4322.71	11.61 N	9.49 E	0.28
4450.00	0.53	1.88	127.00	4449.71	12.40 N	9.53 E	0.28
4578.00	1.06	343.95	128.00	4577.70	14.13 N	9.22 E	0.45
4705.00	1.06	323.39	127.00	4704.68	16.20 N	8.19 E	0.30
4832.00	1.41	302.12	127.00	4831.65	17.98 N	6.17 E	0.45
4959.00	0.53	295.08	127.00	4958.63	19.06 N	4.31 E	0.70
5086.00	0.70	287.09	127.00	5085.62	19.53 N	3.04 E	0.15
5220.00	0.88	285.50	134.00	5219.61	20.05 N	1.27 E	0.14
5347.00	0.88	285.33	127.00	5346.59	20.57 N	0.61W	0.00
5474.00	1.14	278.56	127.00	5473.57	21.01 N	2.80W	0.22
5601.00	0.70	279.79	127.00	5600.56	21.33 N	4.82W	0.35
5728.00	0.44	271.79	127.00	5727.55	21.48 N	6.07W	0.21
5855.00	0.44	313.37	127.00	5854.55	21.83 N	6.91W	0.25
5982.00	0.18	11.46	127.00	5981.54	22.36 N	7.23W	0.30
6110.00	0.44	268.36	128.00	6109.54	22.54 N	7.68W	0.40
6237.00	1.23	218.09	127.00	6236.53	21.46 N	9.00W	0.79
6364.00	0.88	136.53	127.00	6363.51	19.68 N	9.17W	1.11
6491.00	1.23	183.73	127.00	6490.49	17.61 N	8.59W	0.71
6618.00	0.79	175.90	127.00	6617.47	15.37 N	8.62W	0.36
6745.00	1.32	185.75	127.00	6744.45	13.05 N	8.70W	0.44
6872.00	1.85	198.93	127.00	6871.40	9.65 N	9.51W	0.50
6999.00	0.44	111.74	127.00	6998.38	7.53 N	9.73W	1.48
7126.00	0.44	79.84	127.00	7125.38	7.44 N	8.79W	0.19
7253.00	0.70	74.21	127.00	7252.37	7.73 N	7.57W	0.21
7381.00	0.62	258.43	128.00	7380.37	7.81 N	7.49W	1.03
7508.00	1.14	239.89	127.00	7507.35	7.04 N	9.26W	0.46
7635.00	0.35	231.10	127.00	7634.34	6.16 N	10.65W	0.63
7763.00	0.70	247.27	128.00	7762.33	5.61 N	11.68W	0.29
7890.00	0.26	197.88	127.00	7889.33	5.04 N	12.48W	0.45
8017.00	0.70	140.04	127.00	8016.33	4.17 N	12.07W	0.47
8144.00	0.97	119.04	127.00	8143.31	3.05 N	10.64W	0.32
8271.00	0.70	120.80	127.00	8270.30	2.13 N	9.03W	0.21
8398.00	0.62	156.22	127.00	8397.29	1.11 N	8.09W	0.32
8525.00	0.70	160.61	127.00	8524.28	0.25 S	7.55W	0.07
8652.00	0.70	158.33	127.00	8651.27	1.71 S	7.01W	0.02
8779.00	0.53	138.29	127.00	8778.27	2.87 S	6.33W	0.21

Pathfinder Energy Services

Survey Report

Page 3
Date: 3/15/2005
Wellpath ID: riosiete

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	TOTAL Rectangular Offsets (ft)		DLS (dg/100ft)
8906.00	0.35	135.39	127.00	8905.26	3.58 S	5.67W	0.14
9033.00	0.35	118.34	127.00	9032.26	4.04 S	5.05W	0.08
9160.00	0.53	122.29	127.00	9159.26	4.54 S	4.21W	0.14
9287.00	0.35	121.50	127.00	9286.25	5.06 S	3.39W	0.14
9415.00	0.18	107.61	128.00	9414.25	5.32 S	2.86W	0.14
9542.00	0.18	79.40	127.00	9541.25	5.34 S	2.48W	0.07
9669.00	0.18	333.23	127.00	9668.25	5.13 S	2.37W	0.23
9709.00	0.26	359.42	40.00	9708.25	4.98 S	2.40W	0.32
Straight Line Projection to Bit @ MD. 9753							
9753.00	0.26	359.42	44.00	9752.25	4.78 S	2.40W	0.00