

UNITED STATES **OCD-ARTESIA**
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other				5. Lease Serial No. NMN31636					
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. . Other _____				6. If Indian, Allottee or Tribe Name					
2. Name of Operator Marbob Energy Corporation				7. Unit or CA Agreement Name and No.					
3. Address PO Box 227 Artesia, NM 88211-0227				3a. Phone No. (include area code) 505-748-3303		8. Lease Name and Well No. Mule 13 Federal #1			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* RECEIVED MAR 30 2006 OCD-ARTESIA At surface 330 FSL 750 FEL, Unit P At top prod. interval reported below At total depth 841 FSL 755 FEL, Unit P				9. AFI Well No. 30-015-34403 0051					
14. Date Spudded 12/26/2005				15. Date T.D. Reached 02/07/2006		10. Field and Pool, or Exploratory Morrow			
16. Date Completed 03/06/2006 ☐ D & A ☒ Ready to Prod.				11. Sec., T., R., M., on Block and Survey or Area Sec. 13-T24S-R25E					
18. Total Depth: MD 12220' TVD 12157'				19. Plug Back T.D.: MD 11918' TVD 11855'		12. County or Parish Eddy 13. State NM			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL, Cnsg				17. Elevations (DF, RKB, RT, GL)* 3858' GL					
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)									
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
26"	20"	94#	0	208'		650 sx		0	None
12 1/4"	9 5/8"	36#	0	2318'		1050 sx		0	None
8 3/4"	5 1/2"	17#	0	12218'		2835 sx		500'	None
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 3/8"	11624'								
25. Producing Intervals									
Formation		Top	Bottom	Perforation Record		Size	No. Holes	Perf. Status	
A) Upper Morrow		11677'	11874'	12046' - 12060'			10		
B)				11953' - 12015'			14		
C)				11677' - 11874'			30		
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
12046' - 12060'		Acidize w/ 500 gal Clay Safe H acid							
12046' - 12060'		Sqz w/ 50 sx Prem							
11950' - 12015'		Acidize w/ 500 gal Clay Safe H acid							
11677' - 11875'		Acidize w/ 2000 gal Clay Safe H acid							
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
			→						Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64"	SI 350#		→		1200				
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	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

MAR 29 2006

DAVID R. GLASS
PETROLEUM ENGINEER

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	Tbg. 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	Tbg. 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.)

Shut-In Waiting on Pipeline

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

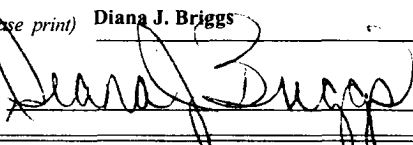
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Delaware Bone Spring Lime Wolfcamp Strawn Atoka Morrow Clastics Lower Morrow	2862' 5554' 8676' 10698' 11085' 11610' 11866'

32. Additional remarks (include plugging procedure):

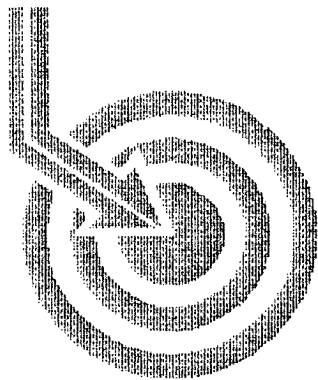
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

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) Diana J. BriggsTitle Production AnalystSignature Date 03/21/2006

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.



Scientific Drilling

MARBOB ENERGY

Field: Wildcat
Site: Eddy County, NM
Well: Mule 13 Fed #1
Wellpath: VH - Job #32K0106034
Survey: 01/10/06

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

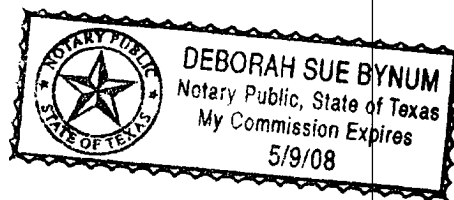
[Signature]

.....Company Representative

Notorized this date 8th of February, 2005.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: MARBOB ENERGY
Field: Wildcat
Site: Eddy County, NM
Well: Mule 13 Fed #1
Wellpath: VH - Job #32K0106034

Date: 02/08/2006 Time: 11:52:51 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,137.41Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 01/10/06 Start Date: 01/10/2006
Company: Scientific Drilling Internatio Engineer: Gonzales w/P&M
Tool: Keeper;Keeper Gyro Tied-to: 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.31	252.42	100.00	-0.11	-0.08	-0.26	0.31	0.27	252.42
200.00	0.37	229.90	200.00	-0.24	-0.37	-0.76	0.15	0.85	244.04
300.00	0.47	227.90	300.00	-0.26	-0.85	-1.31	0.10	1.57	236.97
400.00	0.50	223.35	399.99	-0.23	-1.45	-1.92	0.05	2.40	232.97
500.00	0.34	216.15	499.99	-0.14	-2.00	-2.39	0.17	3.12	230.06
600.00	0.41	218.62	599.99	-0.03	-2.52	-2.79	0.07	3.76	227.89
700.00	0.40	208.87	699.98	0.13	-3.11	-3.18	0.07	4.45	225.68
800.00	0.58	169.17	799.98	0.68	-3.91	-3.26	0.37	5.09	219.78
900.00	0.48	164.26	899.98	1.48	-4.81	-3.05	0.11	5.69	212.35
1000.00	0.58	177.24	999.97	2.24	-5.72	-2.91	0.16	6.42	206.96
1100.00	0.42	171.94	1099.97	2.93	-6.59	-2.83	0.17	7.17	203.27
1200.00	0.71	130.54	1199.96	3.85	-7.35	-2.31	0.48	7.71	197.45
1300.00	1.27	111.86	1299.95	5.46	-8.17	-0.81	0.64	8.21	185.68
1400.00	1.46	109.65	1399.92	7.59	-9.01	1.42	0.20	9.12	171.07
1500.00	1.40	105.47	1499.89	9.76	-9.76	3.79	0.12	10.48	158.77
1600.00	1.55	101.29	1599.86	11.88	-10.35	6.30	0.18	12.12	148.70
1700.00	1.42	103.92	1699.82	14.01	-10.92	8.83	0.15	14.04	141.05
1800.00	1.36	100.15	1799.79	15.99	-11.42	11.20	0.11	16.00	135.58
1900.00	1.33	95.13	1899.77	17.79	-11.74	13.52	0.12	17.91	130.96
2000.00	1.24	105.16	1999.74	19.57	-12.12	15.72	0.24	19.85	127.64
2100.00	1.10	117.60	2099.72	21.38	-12.85	17.62	0.29	21.81	126.11
2200.00	1.02	123.56	2199.70	23.15	-13.79	19.21	0.14	23.65	125.67
2300.00	1.15	124.95	2299.68	25.00	-14.86	20.77	0.13	25.54	125.57
2400.00	1.12	123.73	2399.67	26.92	-15.97	22.41	0.04	27.52	125.48
2500.00	1.04	123.82	2499.65	28.76	-17.02	23.97	0.08	29.40	125.37
2600.00	1.11	118.60	2599.63	30.56	-17.99	25.58	0.12	31.27	125.12
2700.00	1.08	120.02	2699.61	32.37	-18.93	27.25	0.04	33.17	124.78
2800.00	1.01	118.11	2799.59	34.10	-19.81	28.84	0.08	34.99	124.49
2900.00	0.97	113.98	2899.58	35.71	-20.57	30.39	0.08	36.70	124.09
3000.00	0.96	115.23	2999.57	37.26	-21.27	31.92	0.02	38.36	123.68
3100.00	0.94	117.33	3099.55	38.81	-22.01	33.41	0.04	40.00	123.37
3200.00	0.86	113.73	3199.54	40.27	-22.68	34.82	0.10	41.56	123.08
3300.00	0.87	117.16	3299.53	41.67	-23.33	36.19	0.05	43.06	122.81
3400.00	0.85	111.48	3399.52	43.05	-23.95	37.55	0.09	44.54	122.53
3500.00	0.80	110.41	3499.51	44.34	-24.47	38.90	0.05	45.95	122.17
3600.00	0.73	106.52	3599.50	45.50	-24.89	40.16	0.09	47.25	121.79
3700.00	0.67	106.53	3699.49	46.55	-25.24	41.33	0.06	48.43	121.41
3800.00	0.58	124.97	3799.48	47.55	-25.69	42.31	0.22	49.50	121.27
3900.00	0.62	115.45	3899.48	48.54	-26.22	43.21	0.11	50.54	121.25
4000.00	0.52	113.30	3999.47	49.46	-26.63	44.12	0.10	51.53	121.12
4100.00	0.25	137.02	4099.47	50.09	-26.97	44.68	0.31	52.19	121.11
4200.00	0.39	130.15	4199.47	50.65	-27.35	45.09	0.14	52.74	121.24
4300.00	0.40	123.66	4299.47	51.33	-27.76	45.64	0.05	53.42	121.31
4400.00	0.24	129.30	4399.47	51.87	-28.09	46.09	0.16	53.98	121.36
4500.00	0.20	168.32	4499.47	52.23	-28.39	46.29	0.15	54.30	121.52
4600.00	0.28	177.32	4599.46	52.57	-28.81	46.34	0.09	54.56	121.87
4700.00	0.31	171.02	4699.46	52.98	-29.32	46.39	0.04	54.88	122.29
4800.00	0.29	181.89	4799.46	53.38	-29.84	46.43	0.06	55.19	122.73



Scientific
Drilling

Scientific Drilling International

Survey Report

Company: MARBOB ENERGY
Field: Wildcat
Site: Eddy County, NM
Well: Mule 13 Fed #1
Wellpath: VH - Job #32K0106034

Date: 02/08/2006 Time: 11:52:51 Page: 2
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,137.41Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

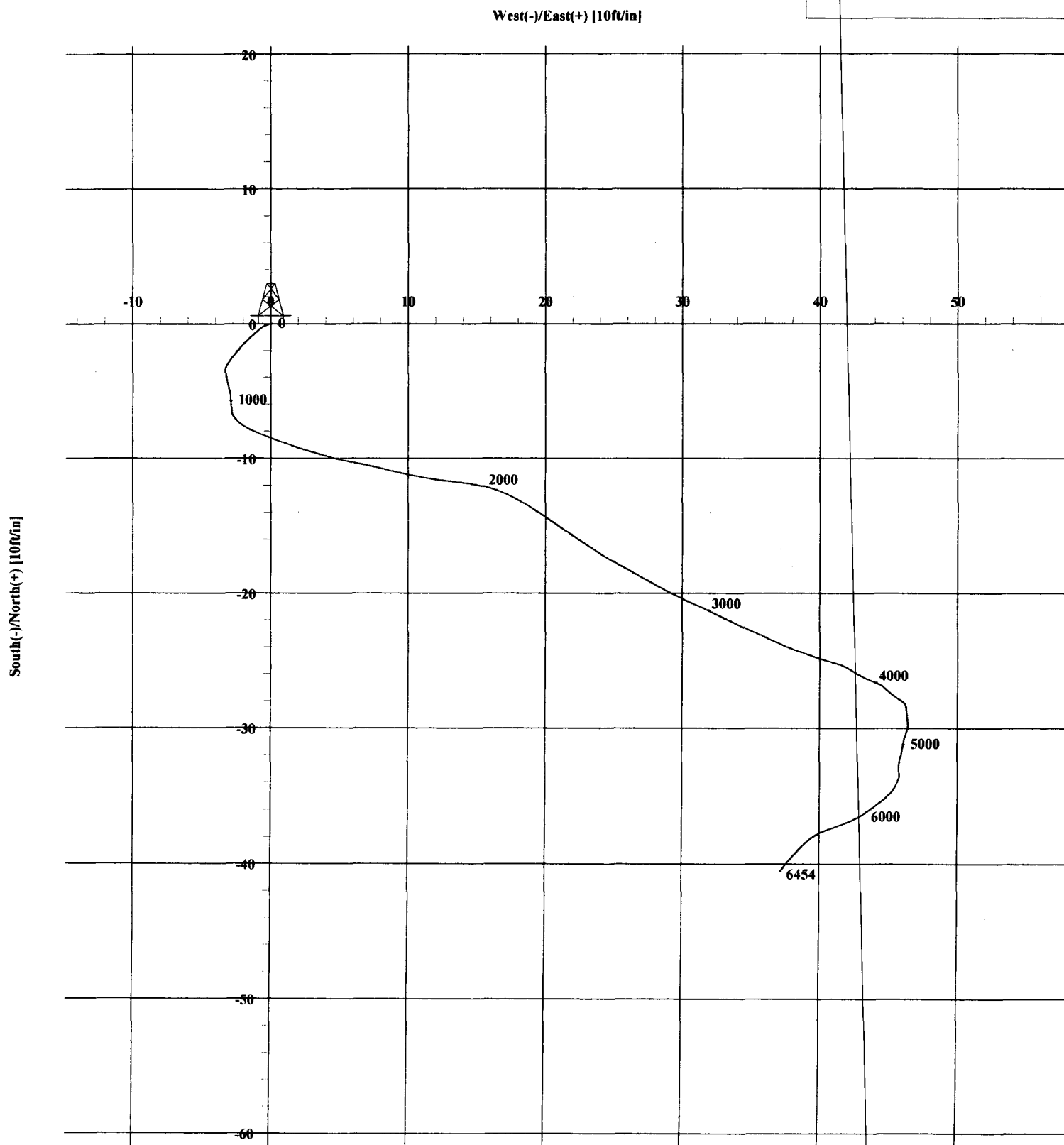
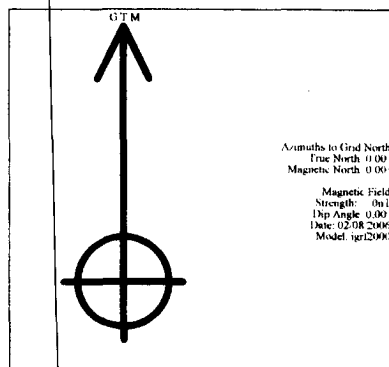
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	0.44	201.99	4899.46	53.73	-30.45	46.27	0.20	55.39	123.34
5000.00	0.38	184.66	4999.46	54.12	-31.13	46.10	0.14	55.63	124.03
5100.00	0.40	195.79	5099.46	54.53	-31.80	45.98	0.08	55.90	124.67
5200.00	0.47	193.77	5199.45	54.94	-32.53	45.79	0.07	56.17	125.39
5300.00	0.27	168.17	5299.45	55.37	-33.16	45.74	0.25	56.50	125.94
5400.00	0.09	170.36	5399.45	55.64	-33.47	45.80	0.18	56.73	126.16
5500.00	0.24	206.22	5499.45	55.78	-33.74	45.72	0.18	56.82	126.42
5600.00	0.28	198.97	5599.45	55.97	-34.15	45.55	0.05	56.93	126.86
5700.00	0.41	219.57	5699.45	56.14	-34.66	45.24	0.18	56.99	127.46
5800.00	0.36	229.46	5799.44	56.17	-35.14	44.77	0.08	56.92	128.13
5900.00	0.42	235.67	5899.44	56.11	-35.55	44.23	0.07	56.75	128.79
6000.00	0.68	231.84	5999.44	56.01	-36.13	43.46	0.26	56.52	129.73
6100.00	0.92	245.95	6099.43	55.71	-36.82	42.26	0.31	56.05	131.06
6200.00	1.11	250.99	6199.41	55.07	-37.46	40.62	0.21	55.25	132.69
6300.00	0.95	226.79	6299.40	54.69	-38.34	39.10	0.46	54.76	134.44
6400.00	1.04	220.69	6399.38	54.80	-39.60	37.90	0.14	54.81	136.26
6455.00	1.29	215.37	6454.37	54.99	-40.48	37.22	0.49	54.99	137.41



Scientific
Drilling

Field: Wildcat
Site: Eddy County, NM
Well: Mule 13 Fed #1
Wellpath: VH - Job #32K0106034
Survey: 01/10/06



Pathfinder

Survey Report

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 355.71 deg.

Page 1
Job No: JWT-0601-0006
Date: 2/7/2006
Time: 12:02 pm
Wellpath ID: 06010006
Date Created: 1/11/2006
Last Revision: 1/27/2006

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

MARBOB ENERGY
MULE 13 FED 1
EDDY CO, NM
PATRIOT #2

DECL: 8.57° EAST OF TRUE
KBH=15.5' FROM ROTARY TO GROUND

PATHFINDER OFFICE SUPERVISOR
CODY MEBANE
PATHFINDER FIELD ENGINEER
DAN HARVICK

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft) (ft)		Closure Dist. Dir. (ft) (deg.)	DLS (dg/100ft)
THE FOLLOWING IS A GYRO TIE IN SURVEY.									
6455.00	1.29	215.37	6454.36	0.00	-43.15	40.48 S	37.22 E	54.95@137.40	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.									
6464.00	1.23	213.88	6463.36	9.00	-43.30	40.64 S	37.11 E	55.03@137.60	0.76
6528.00	0.79	247.71	6527.35	64.00	-43.98	41.38 S	36.32 E	55.06@138.73	1.13
6592.00	2.20	310.04	6591.33	64.00	-43.26	40.76 S	34.97 E	53.70@139.37	3.07
6656.00	2.29	317.42	6655.28	64.00	-41.40	39.03 S	33.16 E	51.21@139.64	0.47
6719.00	2.29	327.44	6718.23	63.00	-39.30	37.04 S	31.63 E	48.71@139.50	0.63
6783.00	2.90	333.94	6782.16	64.00	-36.67	34.51 S	30.23 E	45.88@138.78	1.06
6846.00	3.96	333.15	6845.05	63.00	-33.18	31.13 S	28.55 E	42.24@137.48	1.68
6910.00	5.36	327.61	6908.84	64.00	-28.50	26.64 S	25.95 E	37.15@135.75	2.30
6973.00	6.24	329.90	6971.51	63.00	-22.83	21.19 S	22.66 E	31.02@133.08	1.44
7037.00	7.12	333.85	7035.08	64.00	-16.01	14.62 S	19.17 E	24.11@127.34	1.55
7100.00	8.18	334.91	7097.52	63.00	-8.20	7.06 S	15.54 E	17.07@114.42	1.70
7164.00	9.06	334.91	7160.79	64.00	0.77	1.63 N	11.48 E	11.55@ 81.91	1.38
7227.00	9.58	336.93	7222.96	63.00	10.37	10.95 N	7.32 E	13.17@ 33.77	0.98
7291.00	10.73	340.36	7285.96	64.00	21.16	21.46 N	3.23 E	21.70@ 8.56	2.03
7355.00	11.43	344.05	7348.77	64.00	33.11	33.17 N	0.52W	33.17@359.11	1.56
7418.00	11.96	350.02	7410.46	63.00	45.72	45.60 N	3.36W	45.72@355.78	2.10
7482.00	12.31	358.81	7473.04	64.00	59.13	58.95 N	4.65W	59.13@355.49	2.94
7545.00	12.57	3.12	7534.56	63.00	72.64	72.51 N	4.42W	72.65@356.51	1.53
7609.00	12.93	2.77	7596.98	64.00	86.65	86.62 N	3.69W	86.70@357.56	0.58
7672.00	13.45	359.78	7658.32	63.00	100.95	100.98 N	3.38W	101.04@358.08	1.36
7736.00	13.45	0.31	7720.56	64.00	115.80	115.87 N	3.37W	115.92@358.33	0.19
7799.00	14.33	359.34	7781.72	63.00	130.88	130.99 N	3.42W	131.04@358.50	1.44
7863.00	14.42	0.40	7843.72	64.00	146.73	146.88 N	3.46W	146.92@358.65	0.43
7927.00	13.37	358.81	7905.84	64.00	162.06	162.25 N	3.55W	162.25@358.74	1.75
7990.00	13.72	0.66	7967.09	63.00	176.78	177.00 N	3.62W	177.04@358.83	0.88
8054.00	14.07	1.19	8029.22	64.00	192.08	192.37 N	3.37W	192.40@359.00	0.58
8117.00	15.74	3.21	8090.10	63.00	208.18	208.56 N	2.73W	208.58@359.25	2.78

Pathfinder Survey Report

Page 2
Date: 2/7/2006
Wellpath ID: 06010006

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft)		Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
8181.00	16.80	4.88	8151.53	64.00	225.92	226.44 N	1.46W	226.45@	359.63	1.81
8245.00	16.00	5.41	8212.93	64.00	243.74	244.44 N	0.16 E	244.44@	0.04	1.27
8308.00	15.56	4.00	8273.55	63.00	260.66	261.51 N	1.57 E	261.52@	0.34	0.93
8372.00	14.95	3.65	8335.30	64.00	277.33	278.31 N	2.69 E	278.33@	0.55	0.96
8435.00	16.18	1.54	8395.99	63.00	294.11	295.20 N	3.44 E	295.22@	0.67	2.15
8499.00	16.80	0.40	8457.36	64.00	312.20	313.36 N	3.75 E	313.38@	0.69	1.09
8563.00	16.44	1.89	8518.68	64.00	330.42	331.66 N	4.11 E	331.66@	0.71	0.87
8626.00	16.00	2.68	8579.17	63.00	347.91	349.24 N	4.81 E	349.28@	0.79	0.78
8690.00	15.56	3.38	8640.76	64.00	365.17	366.62 N	5.73 E	366.67@	0.90	0.75
8785.00	14.60	4.79	8732.49	95.00	389.62	391.28 N	7.48 E	391.35@	1.10	1.08
8880.00	13.01	2.68	8824.74	95.00	412.06	413.89 N	8.98 E	413.95@	1.24	1.76
8976.00	12.49	4.35	8918.37	96.00	433.05	435.04 N	10.27 E	435.16@	1.35	0.66
9071.00	11.52	4.18	9011.30	95.00	452.59	454.74 N	11.74 E	454.85@	1.48	1.02
9166.00	8.27	5.32	9104.87	95.00	468.71	471.01 N	13.07 E	471.15@	1.59	3.43
9261.00	5.10	358.20	9199.21	95.00	479.67	482.03 N	13.57 E	482.23@	1.61	3.44
9355.00	3.34	352.57	9292.96	94.00	486.58	488.93 N	13.08 E	489.10@	1.53	1.92
9451.00	2.55	356.18	9388.83	96.00	491.51	493.83 N	12.58 E	493.95@	1.46	0.84
9545.00	1.76	359.78	9482.76	94.00	495.04	497.36 N	12.44 E	497.52@	1.43	0.85
9640.00	1.41	350.82	9577.72	95.00	497.66	499.97 N	12.24 E	500.12@	1.40	0.45
9829.00	1.41	4.09	9766.67	189.00	502.27	504.59 N	12.04 E	504.73@	1.37	0.17
10019.00	1.14	2.68	9956.62	190.00	506.46	508.81 N	12.29 E	508.96@	1.38	0.14
10114.00	0.79	260.64	10051.61	95.00	507.34	509.65 N	11.69 E	509.78@	1.31	1.60
10209.00	0.79	254.40	10146.60	95.00	507.16	509.36 N	10.42 E	509.47@	1.17	0.09
10304.00	0.97	253.52	10241.59	95.00	506.86	508.96 N	9.01 E	509.04@	1.01	0.19
10399.00	1.14	262.40	10336.58	95.00	506.63	508.61 N	7.31 E	508.66@	0.82	0.25
10493.00	1.14	257.65	10430.56	94.00	506.45	508.28 N	5.47 E	508.31@	0.62	0.10
10588.00	1.23	265.30	10525.54	95.00	506.31	508.00 N	3.53 E	508.01@	0.40	0.19
10683.00	1.23	287.71	10620.51	95.00	506.68	508.22 N	1.54 E	508.23@	0.17	0.50
10778.00	1.41	298.26	10715.49	95.00	507.69	509.09 N	0.46W	509.09@	359.95	0.32
10873.00	1.41	297.20	10810.46	95.00	508.93	510.17 N	2.53W	510.18@	359.72	0.03
10968.00	1.41	293.51	10905.43	95.00	510.09	511.17 N	4.64W	511.20@	359.48	0.10
Straight line projection to bit.										
11028.00	1.41	293.51	10965.41	60.00	510.78	511.76 N	6.00W	511.80@	359.33	0.00

Patriot Drilling, LLC

OPERATOR: Marbob Energy Corp.
WELL/LEASE: Mule 13 Federal #1
COUNTY: Eddy County, NM

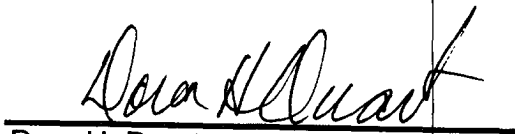
STATE OF NEW MEXICO
DEVIATION REPORT

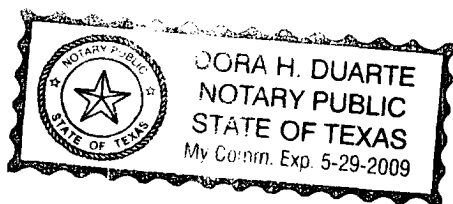
<u>Depth</u>	<u>Deviation</u>
11,325	1
11,738	1 1/4
12,220	1


M. Leroy Peterson

The foregoing instrument was acknowledged before me on this 24 day of March, 2006 by Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 5/29/2009


Dora H. Duarte
Notary Public for Midland Co., Texas



MARBOB ENERGY**Mule 13 Federal #1**

30-015-34403

Depth: (feet)	Chlorides (PPM)
210	800
310	900
410	1000
510	1200
610	no returns
710	no returns
810	no returns
910	no returns
1010	no returns
1110	no returns
1210	1200
1310	1100
1410	1200
1510	1200
1610	1200
1710	1200
1810	1200
1910	1200
2010	1200
2110	1200
2210	1000
2310	800
2320	600

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