

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM61357							
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> 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		8. Lease Name and Well No. Federal BA #2							
3a. Phone No. (include area code) 575-748-3303		9. AFI Well No. 30-015-35358							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 990 FSL 2210 FEL, Unit O At top prod. interval reported below Same At total depth Same JAN - 8 2008 OCD-ARTESIA		10. Field and Pool, or Exploratory Lost Tank; Delaware							
14. Date Spudded 10/10/2007		15. Date T.D. Reached 10/27/2007							
16. Date Completed 12/18/2007 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3488' GL							
18. Total Depth: MD 8240' TVD 8240'		19. Plug Back T.D.: MD 8169' TVD 8169'							
20. Depth Bridge Plug Set: MD TVD		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL, DSN									
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
17 1/2"	13 3/8"	48#	0	855'		750 sx		0	None
12 1/4"	8 5/8"	32#	0	4056'		1550 sx		0	None
7 7/8"	5 1/2"	17#	0	8242'		1175 sx		0	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 7/8"	8127'								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Delaware	6342'	8044'	7705' - 8044'		20	Open			
B)			6838' - 6848'		33	Open			
C)			6565' - 6578'		28	Open			
D)			6342' - 6351'		20	Open			
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
7705' - 8044'		Frac w/ 1500 gal 7 1/2% HCl, 2000 gal gel & 154100# sand.							
6838' - 6848'		Frac w/ 750 gal 7 1/2% HCl, 1000 gal gel & 93500# sand.							
6565' - 6578'		Frac w/ 250 gal 7 1/2% HCl, 500 gal gel & 5393# sand.							
6342' - 6351'		Acidz w/ 500 gal NE Fe 7 1/2% HCl.							
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
12/22/2007	12/23/2007	24	→	41	36	195			Pumping
Choke Size	Tbg Press Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Producing
			→						
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
JAN 5 2008
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.)

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
				Rustler Delaware Bone Spring	597' 4180' 8100'

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 12/26/2007

Title 18 U.S.C. Section 1001 and Title 48 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: Marbob Energy Corp.
WELL/LEASE: BA Fed #2
COUNTY: Eddy Co., NM
Sec. 8 T19S R32E

STATE OF NEW MEXICO DEVIATION REPORT

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
245	1/4	3,439	3
397	3/4	3,471	3 1/2
530	1	3,564	3
1,030	1	3,596	3
1,530	0	3,660	3 1/2
2,011	1	3,755	3 1/2
2,450	2 3/4	3,850	3 1/2
2,621	2 1/2	3,908	3
2,715	2 1/2	4,408	2 1/2
2,778	2	4,908	1 3/4
2,842	2	5,025	1
2,906	2 1/2	5,525	1
2,970	3 1/2	6,025	1
3,002	3 1/2	6,452	1
3,034	3 1/2	6,924	1
3,066	3 1/2	7,421	1 1/2
3,089	3	7,921	1
3,129	3	8,240	1
3,161	3		
3,256	3		
3,313	3 1/4		

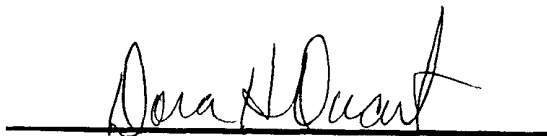
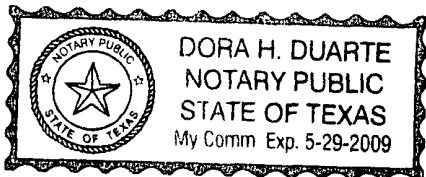
Patriot Drilling, LLC



M. Leroy Peterson, Executive Vice-
President

The foregoing instrument was acknowledged before me on this 16th day of
November, 2007 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling,
LLC.

My Commission Expires: 5/29/2009



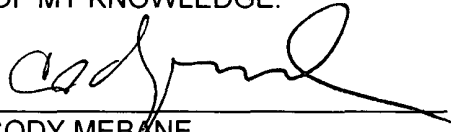
Dora H. Duarte
Notary Public for Midland Co., Texas

DIRECTIONAL SURVEY COMPANY REPORT:

1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
A) TREVOR SUTTON
3. POSITION OF SAID PERSON(S): (A-F) SURVEYORS (FIELD ENGINEERS)
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 10/16/07 TO 10/21/07
5. STATE IN WHICH SURVEY WAS PERFORMED: NEW MEXICO
6. LOCATION OF WELL: EDDY COUNTY, NM
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

MARBOB ENERGY CORPORATION.
FEDERAL BA #2
EDDY COUNTY, NM
RIG: PATRIOT #6
9. SURVEY CERTIFIED FROM: 2621 TO 4014 FEET MEASURED DEPTH.

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE DISPLACED AT 70.84 FEET ON A BEARING OF 75.91 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT A PROJECTED BIT DEPTH OF 4055 FEET, ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



CODY MEBANE
M/LWD SERVICE COORDINATOR

PATHFINDER

ENERGY SERVICES

DIRECTIONAL SURVEY INFORMATION

Prepared By: CODY MEBANE

Name of Client: MARBOB ENERGY

Attention: _____

☒ Directional Only Job OR ☐ Logging Job

Name(s) of Persons Performing Surveys:

A) TREVOR SUTTON D) _____
B) _____ E) _____
C) _____ F) _____

Positions of Said Persons: Surveyors / Field Engineers: Other _____

Date(s) Survey was Performed: From 16-Oct To 21-Oct

Type of Survey Performed: (Specify if other than MWD) _____

IDENTIFICATION OF WELL:

Client:	<u>MARBOB ENERGY</u>	Rig Name:	<u>PATRIOT # 6</u>
Well No.:	<u>FEDERAL BA # 2</u>	API No.:	_____
Location:	<u>EDDY COUNTY</u>	Job No.:	<u>101006858 WT-WT</u>
State:	<u>NM</u>		

TEXAS RAILROAD COMMISSION INFORMATION:

Field: _____

Abstract No.: _____

Well Plat Survey Co.: _____

Surveys Performed From 2621 Feet TO 4014 Feet

MMS / ASCII / LAS Diskette Filename: _____

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOW THE WELL TO BE DISPLACED AT 70.84
FEET ON A BEARING OF 75.91 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT
A PROJECTED DEPTH OF 4055 FEET, ARE TRUE AND
CORRECT TO THE BEST OF MY KNOWLEDGE.

PathFinder Energy Services, Inc.

BHL Report

Page 01/01
Tie-in Date: 10/16/2007
Date Completed: 10/21/2007

MARBOB ENERGY
FEDERAL BA #2
EDDY COUNTY, NEW MEXICO
Rig: PATRIOT #6
PathFinder Office Supervisor: FRANCISCO SINISTERRA
PathFinder Field Engineers: T. SUTTON

Survey Horiz. Reference: WELLHEAD
Ref Coordinates: LAT: 32.26.12.8796 N LON: 103.45.50.1300 W
GRID Reference: NAD27 new mexico east Transverse Mercator
Ref GRID Coord: X: 675672.6840 Y: 523130.2429
North Aligned To: GRID NORTH
Total Magnetic Correction: 7.81° EAST TO GRID
Vertical Section Plane: 0.00
Survey Vert. Reference: 3488.00' Rotary Bushing To Ground
Altitude: 18.00' Ground To MSL

Measured Depth	4055.00	(feet)
Inclination	2.46	(deg)
Azimuth	73.03	(deg)
True Vertical Depth	4053.08	(feet)
Vertical Section	17.25	(feet)
Survey X cord	675741.37	(feet)
Survey Y cord	523147.52	(feet)
Survey Lat	32.43695748 N	(deg)
Survey Lon	103.76370207 W	(deg)
Rectangular Corr. N/S	17.25 N	(feet)
Rectangular Corr. E/W	68.71 E	(feet)
Closure Distance	70.84	(feet)
Direction of Closure	75.91	(deg)
Dogleg Severity	0.00	(deg/100ft)

PathFinder Energy Services, Inc.

Survey Report

MARBOB ENERGY
FEDERAL BA #2
EDDY COUNTY, NEW MEXICO
Rig: PATRIOT #6
PathFinder Office Supervisor: FRANCISCO SINISTERRA
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rvey Vert. Reference: 3488.00' Rotary Bushing To Ground
Altitude: 18.00' Ground To MSL

Survey Calculations by RX4 using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Retangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
TIE-IN ASSUMMING VERTICAL @ 2561' MD.										
2561.00	0.00	0.00	2561.00	0.00	0.00	0.00	0.00	0.00@	0.00	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
2621.00	2.55	55.36	2620.98	60.00	0.76	0.76 N	1.10 E	1.33@	55.36	4.25
2715.00	2.37	48.24	2714.89	94.00	3.24	3.24 N	4.27 E	5.36@	52.78	0.38
2778.00	2.20	40.95	2777.84	63.00	5.02	5.02 N	6.03 E	7.85@	50.22	0.53
2842.00	2.11	49.12	2841.80	64.00	6.72	6.72 N	7.73 E	10.24@	48.99	0.50
2906.00	2.46	48.77	2905.75	64.00	8.40	8.40 N	9.65 E	12.79@	48.98	0.55
2938.00	2.90	53.52	2937.71	32.00	9.33	9.33 N	10.82 E	14.29@	49.22	1.54
3066.00	3.61	60.81	3065.51	128.00	13.22	13.22 N	16.94 E	21.49@	52.03	0.64
3098.00	3.17	65.82	3097.45	32.00	14.08	14.08 N	18.63 E	23.35@	52.92	1.66
3129.00	2.81	67.40	3128.41	31.00	14.72	14.72 N	20.11 E	24.92@	53.80	1.19
3161.00	2.73	68.72	3160.37	32.00	15.30	15.30 N	21.55 E	26.42@	54.63	0.32
3256.00	2.99	79.27	3255.25	95.00	16.58	16.58 N	26.09 E	30.91@	57.56	0.62
3344.00	3.08	97.81	3343.13	88.00	16.69	16.69 N	30.69 E	34.93@	61.46	1.12
3407.00	2.99	103.44	3406.04	63.00	16.07	16.07 N	33.96 E	37.57@	64.67	0.49
3439.00	2.90	99.04	3438.00	32.00	15.75	15.75 N	35.57 E	38.90@	66.11	0.76
3564.00	3.04	93.42	3562.83	125.00	15.06	15.06 N	42.00 E	44.62@	70.28	0.26
3660.00	3.48	85.86	3658.68	96.00	15.12	15.12 N	47.45 E	49.80@	72.33	0.64
3755.00	3.50	88.50	3753.50	95.00	15.40	15.40 N	53.22 E	55.41@	73.86	0.17
3850.00	3.43	90.52	3848.33	95.00	15.45	15.45 N	58.97 E	60.96@	75.32	0.15
3945.00	2.73	76.98	3943.19	95.00	15.93	15.93 N	64.01 E	65.97@	76.02	1.06
4014.00	2.46	73.03	4012.12	69.00	16.74	16.74 N	67.03 E	69.09@	75.98	0.47
STRAIGHT-LINE PROJECTION TO BIT @ 4055' MD.										
4055.00	2.46	73.03	4053.08	41.00	17.25	17.25 N	68.71 E	70.84@	75.91	0.00