

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

S

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMBNO 1004-0137  
Expires: March 31, 2007

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. <b>NMNM104646</b>					
b. Type of Completion. <input checked="" 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 <b>Marbob Energy Corporation</b>				7. Unit or CA Agreement Name and No					
3. Address <b>PO Box 227 Artesia, NM 88211-0227</b>				3a. Phone No. (include area code) <b>575-748-3303</b>		8. Lease Name and Well No. <b>Michalada Federal #4-D</b>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>2085 FNL 2310 FEL, Unit G</b>  At top prod interval reported below <b>Same</b>  At total depth <b>Same</b>				9. AFI Well No. <b>30-015-35878</b>		10. Field and Pool, or Exploratory <b>Azotea Mesa; Bone Spring</b>			
14. Date Spudded <b>12/26/2007</b>				15. Date T.D. Reached <b>01/08/2008</b>		11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 3-T22S-R25E</b>			
16. Date Completed <b>01/22/2008</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.				12. County or Parish <b>Eddy</b>		13. State <b>NM</b>			
17. Elevations (DF, RKB, RT, GL)* <b>3555' GL</b>									
18. Total Depth: MD <b>4580'</b> TVD <b>4580'</b>		19. Plug Back T.D.. MD <b>4567'</b> TVD <b>4567'</b>		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>DLL, DSN</b>				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 checked="" type="checkbox"/> No <input type="checkbox"/> 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 Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48#	0	253'		350 sx		0	None
12 1/4"	8 5/8"	24#	0	1918'		1125 sx		0	None
7 7/8"	5 1/2"	17#	0	4579'		675 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"	4472'								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) <b>Bone Spring</b>		<b>4395'</b>	<b>4406'</b>	<b>4395' - 4406'</b>			<b>36</b>	<b>Open</b>	
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval		Amount and Type of Material							
<b>4395' - 4406'</b>		<b>Acidz w/ 1500 gal NE Fe 7 1/2% HCl acid. Frac w/ 39630# sand &amp; 25862 gal fluid.</b>							
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
02/16/2008	02/18/2008	24	→	19	47	22			<b>Pumping</b>
Choke Size	Flow Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					<b>Producing</b>	
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	Flow 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)

## 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
				<b>Capitan</b> <b>Delaware</b> <b>Bone Spring</b>	<b>560'</b> <b>2172'</b> <b>4280'</b>

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:

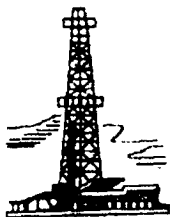
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) **Diana J. Briggs**Title **Production Analyst**

Signature

Date **03/10/2008**

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.



# Permian Drilling Corporation

P. O. Box 726

(505)397-3798

Fax (505)393-2448

Hobbs, New Mexico 88241

## INCLINATION REPORT

DATE: 1/15/2008

11.2.10.2008

WELL NAME AND NUMBER: Michalada Fed 4-D  
LOCATION: Eddy Co., NM  
OPERATOR: MARBOB ENERGY CORP.  
DRILLING CONTRACTOR: PERMIAN DRILLING CORPORATION

The undersigned hereby 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:

DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
1.00	276	1.75	4371		
2.00	1043	2.00	4560		
0.75	1206				
0.25	1899				
1.25	2195				
0.75	2631				
0.75	3076				
2.00	3565				
2.75	3706				
2.75	3864				
3.00	4023				
2.50	4184				

Drilling Contractor:  
Permian Drilling Corporation

By: Sherry Coskrey  
Sherry Coskrey  
Regulatory Clerk

Subscribed and sworn to before me on this 29<sup>th</sup> day of February, 2008.

My Commission Expires:

June 12, 2010

Angela B Black