

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD-ARTESIA

DEC 2006

RECEIVED

OCD-ARTESIA

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

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM104646		
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. Res.			6. If Indian, Allottee or Tribe Name		
Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator Marbob Energy Corporation			8. Lease Name and Well No. Michalada Federal #1		
3. Address PO Box 227 Artesia, NM 88211-0227		3a. Phone No. (include area code) 505-748-3303		9. AFI Well No. 30-015-34381	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1980 FNL 660 FEL, Unit H At top prod. interval reported below Same At total depth Same			10. Field and Pool, or Exploratory Revelation; Atoka (Gas)		
14. Date Spudded 01/19/2006			15. Date T.D. Reached 02/24/2006		11. Sec., T., R., M., on Block and Survey or Area Sec. 3-T22S-R25E
16. Date Completed 08/10/2006 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.			12. County or Parish Eddy		
17. Elevations (DF, RKB, RT, GL)* 3610' GL			13. State NM		
18. Total Depth: MD 11280' TVD 11280'		19. Plug Back T.D.: MD 10470' TVD 10470'		20. Depth Bridge Plug Set: MD 10470' TVD 10470'	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL, Cmsg			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)		

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	315'		750 sx		0	None
12 1/4"	9 5/8"	36#	0	1915'		1075 sx		0	None
8 3/4"	5 1/2"	17#	0	11258'		2575 sx		1500'	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"	10177'	9695'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Atoka	9733'	10251'	11120' - 11160'		144	
B)			10799' - 10802'		24	
C)			10683' - 10692'		10	
D)			10573' - 10640'		80	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
11120' - 11160'	Acidz w/ 2000 gal NE Fe 71/2% HCl. Frac w/ 61,100# sand.
10799' - 10802'	Acidz w/ 500 gal Clay Safe H.
10683' - 10692'	Acidz w/ 500 gal Clay Safe H. Sqz w/ 50 sx Premium cement.
10573' - 10640'	Acidz w/ 1000 gal Clay Safe H. Frac w/ 15,000# sand.

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
10/27/2006	10/28/2006	24	→	2	0	5			Flowing
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)

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
				Delaware Bone Spring Wolfcamp Cisco Canyon Lower Strawn Morrow Clastics Lower Morrow Miss Limestone	1974' 4305' 7898' 8944' 9504' 10548' 10738' 11173'

32. Additional remarks (include plugging procedure):

#26 - Perforated Intervals (continued)

10382' - 10442' (17 holes)

10488' - 10496' (36 holes)

9733' - 10251' (21 holes)

CIBP's set at: 11100', 10775', 10520' & 10470'

#27 - Acid, Frac, etc. (continued)

10382' - 10442' - Acdz w/ 1000 gal NE Fe 7 1/2% HCl.

9733' - 10251' - Acdz w/ 2000 gal NE Fe 15% HCl.

9733' - 10251' - Acdz w/ 1000 gal Clay Safe H.

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 10/06/2006

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
WELL/LEASE MICHALADA FED. 1
COUNTY EDDY

507-0106

STATE OF NEW MEXICO
DEVIATION REPORT

316	1.25	9,778	1.00
491	0.50	10,254	1.00
874	1.00	11,048	1.00
1,060	1.25	11,280	1.00
1,177	0.50		
1,365	0.50		
1,677	1.00		
1,915	1.00		
2,004	1.25		
2,409	0.50		
2,815	0.75		
3,254	1.00		
3,694	1.00		
4,130	1.25		
4,538	0.75		
4,816	1.25		
4,993	1.00		
5,165	1.75		
5,351	0.75		
5,507	1.75		
5,697	0.50		
5,792	0.75		
5,920	1.50		
6,092	1.00		
6,295	0.25		
6,575	1.00		
6,981	0.75		
7,386	0.25		
7,888	0.75		
8,331	1.00		
8,803	1.25		
9,080	1.50		
9,275	1.00		

OCT 14 2006

BY: Steve Moore

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on March 9, 2006, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/08/07

