

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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. <b>NMNM23006</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. Resrv. . 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>		8. Lease Name and Well No. <b>LPC 31 Federal #4</b>	
3a. Phone No. (include area code) <b>505-748-3303</b>		9. AFI Well No. <b>30-025-38109</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>1935 FNL 1030 FWL, Lot 2</b>  At top prod. interval reported below <b>Same</b>  At total depth <b>Same</b>		10. Field and Pool, or Exploratory <b>Lusk; Bone Spring, North</b>	
14. Date Spudded <b>10/21/2006</b>		11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 31-T18S-R32E</b>	
15. Date T.D. Reached <b>11/14/2006</b>		12. County or Parish <b>Lea</b>	
16. Date Completed <b>12/23/2006</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State <b>NM</b>	
18. Total Depth: MD <b>9800'</b> TVD <b>9800'</b>		17. Elevations (DF, RKB, RT, GL)* <b>3670' GL</b>	
19. Plug Back T.D.: MD <b>9500'</b> TVD <b>9500'</b>		20. Depth Bridge Plug Set: MD <b>9500'</b> TVD <b>9500'</b>	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>DLL, Csng</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 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48#	0	590'		550 sx		0	None
11"	8 5/8"	32#	0	2670'		900 sx		0	None
7 7/8"	5 1/2"	17#	0	9800'		1650 sx		1800'	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"	9116'							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Bone Spring</b>	9150'	9160'	9150' - 9160'		33	Open
B)			9573' - 9576'		8	Closed CIBP @ 9500'
C)						
D)						

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

Depth Interval	Amount and Type of Material
9573' - 9576'	Acidz w/ 500 gal NE Fe 15% HCl acid.
9150' - 9160'	Acidz w/ 750 gal NE Fe 7 1/2% HCl acid. Frac w/ 225K# sand & 8800 gal fluid.

## 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
12/23/2006	12/25/2006	24	→	30	11	254			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	Producing
			→						

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

ACCEPTED FOR RECORD  
FEB 14 2007  
WESLEY W. INGRAM  
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.)

**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>Rustler</b> <b>Yates</b> <b>Bowers</b> <b>Queen</b> <b>Delaware</b> <b>Bone Spring</b>	<b>996'</b> <b>2714'</b> <b>3434'</b> <b>3626'</b> <b>4930'</b> <b>6690'</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 **01/17/2007**

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.