

NMOC

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Form 3160-4  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DEC - 4 2003

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.  
NMNM94595

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator MACK ENERGY CORPORATION			Contact: ROBERT CHASE E-Mail: jerrys@mackenergycorp.com		
3. Address P O BOX 960 ARTESIA, NM 88211-0960			3a. Phone No. (include area code) Ph: 505.748.1288		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 25 T17S R27E Mer NMP At surface NENW 503FNL 1800FWL  At top prod interval reported below  At total depth			10. Field and Pool, or Exploratory RED LAKE, GLORIETA-YESO 11. Sec., T., R., M., or Block and Survey or Area Sec 25 T17S R27E Mer NMP 12. County or Parish EDDY 13. State NM		
14. Date Spudded 04/01/2003		15. Date T.D. Reached 04/22/2003		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/24/2003	
17. Elevations (DF, KB, RT, GL)* 3545 GL					
18. Total Depth: MD 7130 TVD 7130		19. Plug Back T.D.: MD 6102 TVD 6102		20. Depth Bridge Plug Set: MD 6137 TVD 6137	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR N D L CZ/CN D/M LATERLOG GR N D L SGR			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 analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	54.0	0	401		225			
7.875	5.500 J-55	17.0	0	7119		2325			

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4099							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO	3968	4085	3968 TO 4085	0.400	42	OPEN
B)						
C)						
D)						

## 26. Perforation Record

Depth Interval	Amount and Type of Material
3968 TO 4085	3150 GALS 15% NEFE ACID, 32,000 GALS 20% HCL, 54,000 GALS 40# GEL, 5000 GALS 15% 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
10/25/2003	11/13/2003	24	→	5.0	14.0	24.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI	32.0	→	5	14	24	2800	POW	

## 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	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #25455 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

ACCEPTED FOR RECORD

DEC - 3 2003

ALEXIS C. SWOBODA  
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
GLORIETA YESO WOLFCAMP	3968 6696	4085 6782		SEVEN RIVERS QUEEN SAN ANDRES GLORIETA TUBB- ABO WOLFCAMP	426 966 1736 3098 4597 5222 6300

## 32. Additional remarks (include plugging procedure):

10/21/2003 RU Set CIBP @ 6137' w/35' cement cap. Perforated from 3968'-4085.5' 42 holes.

10/22/2003 Acidized w/3150 gals 15% NEFE.

10/23/2003 Reacidized w/32,000 gals 20% HCL, 54,000 gals 40# gel and 5000 gals 15% HCL.

10/24/2003 RIH w/2 7/8 tubing SN @ 4099' w/132 joints, RIH w/2 1/2x2x20' pump.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

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

Electronic Submission #25455 Verified by the BLM Well Information System.

For MACK ENERGY CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by ARMANDO LOPEZ on 12/02/2003 (04AL0123SE)

Name (please print) JERRY SHERRELL

Title PRODUCTION CLERK

Signature \_\_\_\_\_ (Electronic Submission)

Date 11/26/2003

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***