

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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. NMNM03428		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator MACK ENERGY CORPORATION			7. Unit or CA Agreement Name and No.		
Contact: ROBERT CHASE E-Mail: jerrys@mackenergycorp.com			8. Lease Name and Well No. PANTHER FEDERAL 3		
3. Address P.O. BOX 960 ARTESIA, NM 88211-0960			9. API Well No. 30-025-36324 <b>0052</b>		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 31 T17S R32E Mer NMP At surface NESW 1650FSL 1650FWL  At top prod interval reported below  At total depth			10. Field and Pool, or Exploratory MALJAMAR GB SA		
14. Date Spudded 08/02/2003			15. Date T.D. Reached 08/19/2003		
16. Date Completed <input type="checkbox"/> D & A 06/01/2004 <input checked="" type="checkbox"/> Ready to Prod.			17. Elevations (DF, KB, RT, GL)* 3861 GL		
18. Total Depth: MD 5021 TVD <b>5021</b>		19. Plug Back T.D.: MD 4948 TVD <b>4948</b>		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)			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 Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	<del>54.5</del> <b>38.0</b>	<b>0</b>	817		625		<b>0</b>	
12.250	9.625 H-95	<del>53.5</del> <b>54.0</b>	<b>0</b>	2201		750		<b>0</b>	
7.875	5.500 J-55	17.0	<b>0</b>	4966		940		<b>0</b>	

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	4525							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MALJAMAR	4122	4314	4122 TO 4314	0.450	<b>32</b>	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4122 TO 4314	2200 GALS 15% NEFE, 134,000# 16/30 SAND, 106,939 GALS 40# GEL

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
06/01/2004	06/01/2004	24		49.0	55.0	350.0			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	
		32.0		<b>49</b>	<b>55</b>	<b>350</b>		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	

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

ELECTRONIC SUBMISSION #31604 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

ACCEPTED FOR RECORD

(ORIG. SGD.) DAVID R. GLASS  
JUN 23 2004

DAVID R. GLASS  
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
GB SA	4122	4314		YATES	2320
				SEVEN RIVERS	2754
				QUEEN	3406
				GRAYBURG	3814
				DELAWARE	4316

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

05/28/2004 Perforated from 4122-4314.5' 32 holes.  
 05/29/2004 Acidized w/2200 gals 15% NEFE  
 05/30/2004 Frac w/106,939 gals 40# gel & 134,000# 16/30 sand.  
 05/31/2004 RIH w/145 joints 2 7/8" J-55 SN @ 4525', RIH w/2 1/2x2x24' 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 #31604 Verified by the BLM Well Information System.  
 For MACK ENERGY CORPORATION, sent to the Hobbs  
 Committed to AFMSS for processing by LINDA ASKWIG on 06/22/2004 ()

Name (please print) JERRY SHERRELL

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 06/17/2004

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***