

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. NMNM94595		
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			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			8. Lease Name and Well No. REDBUD FEDERAL 1		
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. 12/22/2003			17. Elevations (DF, KB, RT, GL)* 3545 GL		
18. Total Depth:    MD    7130 TVD		19. Plug Back T.D.:    MD    3865 TVD		20. Depth Bridge Plug Set:    MD    3900 TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	53.5	0	401		250			
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	2677							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	1811	2665	2247 TO 2665	0.450	23	
B)			1811 TO 1938	0.450	34	
C)						
D)						

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

Depth Interval	Amount and Type of Material
2247 TO 2665	1000 GALS 15% NEFE, 70,108 GALS 40# GEL, 84,375# 16/30 SAND
1811 TO 1938	1900 GALS 15% NEFE, 33,228# 16/30 SAND, 51,534 GALS 40# GEL

RECEIVED

JAN 28 2004

OCD-ARTESIA

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
12/26/2003	01/28/2004	24	→	14.0	0.0	400.0			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	→	14	0	400		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 #27277 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

## 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
SAN ANDRES	1811	2665		SEVEN RIVERS QUEEN SAN ANDRES GLORIETTA TUBB ABO WOLFCAMP	426 966 1736 3098 4597 5222 6300

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

12/11/2003 Set CIBP @ 3900' w/35' cement cap.  
12/12/2003 Perforated from 2247-2665' 23 holes. Acidized w/1000 gals 15% NEFE.  
12/17/2003 Frac w/70,108 gals 40# gel and 84,375# 16/30 sand.  
12/18/2003 Perforated from 1811-1938' 34 holes.  
12/19/2003 Acidized w/1900 gals 15% NEFE.  
12/20/2003 Frac w/51,534 gals 40# gel and 33,228# 16/30 sand.  
12/22/2003 RIH w/86 joints 2 7/8" J-55 tubing SN @ 2677', RIH w/2 1/2x2x12' 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 #27277 Verified by the BLM Well Information System.  
For MACK ENERGY CORPORATION, sent to the Carlsbad

Name (please print) JERRY SHERRELLTitle PRODUCTION CLERKSignature (Electronic Submission)Date 01/28/2004

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 \*\***