

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

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			6. If Indian, Allottee or Tribe Name		
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. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator MACK ENERGY CORPORATION			8. Lease Name and Well No. PEARSALL AX 5		
3. Address P.O. BOX 960 ARTESIA, NM 88211-0960			9. API Well No. 30-025-36361		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESW 1650FSL 1650FWL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory MALJAMAR; GRAYBURG-SAN ANDRES		
14. Date Spudded 08/15/2003			15. Date T.D. Reached 08/28/2003		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/20/2003			17. Elevations (DF, KB, RT, GL)* 3907 GL		
18. Total Depth: MD 5110 TVD		19. Plug Back T.D.: MD 5086 TVD		20. Depth Bridge Plug Set: MD 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	809		650		0	
12.250	9.625 N-80	53.5	0	2201		750		0	
7.875	5.500 J-55	17.0	0	5098		1160		0	

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	4440							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
GRAYBURG-SAN ANDRES	4148	4410	4530 TO 4565	0.450	17	SQUEEZED
B)			4148 TO 4410	0.450	24	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
4530 TO 4565	2000 GALS 15% NEFE, 91,320# 16/30 SAND, 71,820 GALS 40# GEL
4530 TO 4565	SQUEEZE W/300 SX CLASS C NEAT
4148 TO 4410	2500 GALS 15% NEFE, 94,660# 16/30 SAND, 71,400 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
10/02/2003	10/09/2003	24	→	47.0	84.0	600.0			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	
			→	47	84	600	1787	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 #23967 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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ACCEPTED FOR RECORD
 (ORIG. SGD.) DAVID R. GLASS
 OCT 23 2003
 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
GRAYBURG-SAN ANDRES	4148	4410		YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	2418 2839 3500 3960 4458

32. Additional remarks (include plugging procedure):

09/08/2003 Drill out DV tool.
09/09/2003 Perforated from 4530-4565 17 holes.
09/10/2003 Acidized w/2000 gals 15% NEFE.
09/11/2003 Frac w/91,320# 16/30 sand, 71,820 gals 40# gel.
09/13/2003 Perforated from 4148-4410.5' 24 holes.
09/15/2003 SV set @ 4520' squeeze 300 sx Class C neat.
09/16/2003 Test SV 2500 PSI Held-OK. Acidized w/2500 gals 15% NEFE.
09/19/2003 Frac w/94,660# 16/30 sand, 71,400 gals 40# gel.

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 #23967 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Hobbs

Name (please print) JERRY SHERRELLTitle PRODUCTION CLERK

Signature _____ (Electronic Submission)

Date 10/23/2003

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.

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Additional data for transaction #23967 that would not fit on the form

32. Additional remarks, continued

09/20/2003 RIH w/2 7/8" tubing J-55 SN @ 4440' 146 joints, RIH w/2 1/2 x 2 x 24' pump.