

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTN.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000**EC****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. NMLC029410B							
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 _____		6. If Indian, Allottee or Tribe Name							
2. Name of Operator MACK ENERGY CORPORATION		7. Unit or CA Agreement Name and No.							
3. Address P O BOX 960 ARTESIA, NM 88211-0960		8. Lease Name and Well No. FOX FEDERAL 01							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSE 1650FSL 2310FEL At top prod interval reported below At total depth		9. API Well No. 30-025-36322-00-51							
14. Date Spudded 08/21/2003		15. Date T.D. Reached 09/05/2003							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/26/2003		10. Field and Pool, or Exploratory UNDESIGNATED TAMANO DELAWARE							
17. Elevations (DF, KB, RT, GL)* 3853 GL		11. Sec., T., R., M., or Block and Survey or Area Sec 31 T17S R32E Mer NMP							
12. County or Parish LEA		13. State NM							
18. Total Depth: MD 5078 TVD		19. Plug Back T.D.: MD 5054 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	48.0	0	800		650		0	
12.250	8.625 J-55	32.0	0	2217		750		0	
7.875	5.500 J-55	17.0	0	5067		1035		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	5006								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) DELAWARE	4929	5002	4929 TO 5002	0.000		OPEN			
B)									
C)									
D)									
26. Perforation Record									
Depth Interval	Amount and Type of Material								
4929 TO 5002	1500 GALS 15% NEFE, 81,030 GALS 40# GEL, 94,900# 16/30 SAND								
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
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
10/01/2003	10/10/2003	24	→	11.0	8.0	330.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 32.0	24 Hr. Rate →	Oil BBL 11	Gas MCF 8	Water BBL 330	Gas:Oil Ratio 727	Well Status 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	

ACCEPTED FOR RECORD
(ORIG. SGD.) DAVID R. GLASS
NOV 13 2003
DAVID R. GLASS
PETROLEUM ENGINEER

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #24060 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

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 DELAWARE	4213 4929	4348 5002		YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES DELAWARE	2332 2766 3442 3839 4360 4488

32. Additional remarks (include plugging procedure):

09/20/2003 Drill out DV tool.
09/22/2003 Perforated from 4929-5002.5' 21 holes. Acidized w/1500 gals 15% NEFE.
09/25/2003 Frac w/81,030 gals 40# gel, 94,140# 16/30 sand.
09/26/2003 RIH w/161 joints 2 7/8 tubing SN @ 5006', 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 #24060 Verified by the BLM Well Information System.

For MACK ENERGY CORPORATION, sent to the Hobbs

Committed to AFMSS for processing by ARMANDO LOPEZ on 11/13/2003 (04AL0031SE)

Name (please print) JERRY SHERRELL

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 11/11/2003

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 ****