Form 3160-4
(August 1999)

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

OCD-Hobbs

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC058407B

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: MACK ENERGY CORPORATION
Contact: ROBERT C CHASE
E-Mail: JERRYS@MACKENERGYCORP.COM

8. Lease Name and Well No. ANTEATER FEDERAL 2

3. Address: P O BOX 960, ARTESIA, NM 88211-0960

3a. Phone No. (include area code) Ph: 505-748-1288

9. API Well No. 30-025-36706-00-X1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 35 T17S R32E Mer NMP SWNE 1650FNL 1650FEL 32.47371 N Lat, 103.43599 W Lon
At top prod interval reported below
At total depth

Tamano

10. Field and Pool, or Exploratory DELAWARE East

11. Sec., T., R., M., or Block and Survey or Area Sec 35 T17S R32E Mer NMP

12. County or Parish LEA

13. State NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, KB, RT, GL)*
08/26/2004	09/13/2004	☐ D & A ☒ Ready to Prod. 10/08/2004	3936 GL

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 5100 TVD	MD 5080 TVD	MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR N D L SGR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ 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 H-40	48.0	0	319		375			
12.250	8.625 J-55	32.0	0	2707		1100			
7.875	5.500 J-55	17.0	0	5097		1110			

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	4571							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	~~GRAYBURG-SAN ANDRES~~ Delaware	4482	4563	4482 TO 4563	0.000	23	OPEN
B)				5026 TO 5038	0.000	25	
C)							
D)							

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

Depth Interval	Amount and Type of Material
4482 TO 4563	2500 GALS 15% NEFE, 142,400# 16/30 SAND, 108,000 GALS 40# GEL
5026 TO 5038	2000 GALS 15% NEFE, CIBP SET @ 4930 W/35' CEMENT CAP

ACCEPTED FOR RECORD
DEC 2 2004
GARY GOURLEY
PETROLEUM ENGINEER

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
10/14/2004	11/03/2004	24	→	3.0	6.0	297.0			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
			→	3	6	297	1667	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
			→					

ENTERED IN AFMSS

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

ELECTRONIC SUBMISSION #51358 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	4482	4563		YATES	2580
				SEVEN RIVERS	3010
				QUEEN	3690
				GRAYBURG	4128
				SAN ANDRES	4618

32. Additional remarks (include plugging procedure):
09/24/2004 Perforated from 5026-5038' 25 holes. Acicized w/2000 gals 15% NEFE.
09/27/2004 Set CIBP 4930' w/35'cement cap. Perforated from 4482-4563.5' 23 holes.
Acidized w/2500 gals 15% NEFE.
09/29/2004 Frac w/142,400# 16/30 sand and 108,000 gals 40# gel.
10/08/2004 RIH w/141 joints 2 7/8 tubing SN @ 4571', 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 #51358 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Hobbs
Committed to AFMSS for processing by ARMANDO LOPEZ on 12/02/2004 (05AL0016SE)

Name *(please print)* JERRY W SHERRELL Title PRODUCTION CLERK

Signature (Electronic Submission) Date 12/01/2004

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 fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****