

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*  
(Submit other information on reverse side)

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.  
**LC-054988-B**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

**Mack Energy Corporation**

3. ADDRESS AND TELEPHONE NO.

**P.O. Box 960, Artesia, NM 88211-0960**

**(505) 748-1288**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

**1650 FNL 1090 FWL**

At top prod. interval reported below

**1650 FNL 1090 FWL**

At total depth

**1650 FNL 1090 FWL**

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH  
**Eddy**

13. STATE  
**NM**

15. DATE SPUNDED

**04/03/97**

16. DATE T.D. REACHED

**4/14/97**

17. DATE COMPL. (Ready to prod.)

**4/26/97**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

**3643 KB**

19. ELEV. CASING HEAD

**3629**

20. TOTAL DEPTH, MD & TVD

**4810**

21. PLUG, BACK T.D., MD & TVD

**4783**

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY  
**Yes**

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

**4289-4634 Paddock**

25. WAS DIRECTIONAL SURVEY MADE

**Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray**

27. WAS WELL CORED

**No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
<b>8 5/8</b>	<b>24</b>	<b>415</b>	<b>12 1/4</b>	<b>Circ., 300 sx</b>	<b>None</b>
<b>5 1/2</b>	<b>17</b>	<b>4796</b>	<b>7 7/8</b>	<b>Circ., 1415 sx</b>	<b>None</b>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
	<b>MAY 29 1997</b>	<b>044</b>			<b>2 7/8</b>	<b>4653</b>	

31. PERFORMANCE RECORD (Interval, size and number)

**4289-4634, 1/2, 35**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

**4289-4634**

**2000 gals 15% NE acid**

**4289-4634**

**32,000 gals 20% NE acid**

33. PRODUCTION

DATE FIRST PRODUCTION

**5/12/97**

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)

**Pumping 2 1/2 x 2 20 PAP HVR**

WELL STATUS (Producing or shut-in)

**Producing**

DATE OF TEST

**5/17/97**

HOURS TESTED

**24**

CHOKE SIZE

PROD'N FOR TEST PERIOD

OIL-BBL.

**79**

GAS-MCF.

**100**

WATER-BBL.

**480**

GAS-OIL RATIO

**1265**

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL-BBL.

**79**

GAS-MCF.

**100**

WATER-BBL.

**480**

OIL GRAVITY - API (CORR.)

**38**

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**Sold**

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*Crista D. Carter*

TITLE

**Production Clerk**

DATE

**5/22/97**

\*(See Instructions and spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH