

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

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

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

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. ☐  
2. NAME OF OPERATOR  
**Mack Energy Corporation**  
3. ADDRESS AND TELEPHONE NO.  
**P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

FARM OR LEASE NAME, WELL NO.

**JENKINS B FEDERAL #4**

9. API WELL NO.

**30-015-04231**

10. FIELD AND POOL, OR WILDCAT

**Grayburg Paddock**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

**Sec 20 T17S R30E**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **1650 FNL 1650 FNL**  
At top prod. interval reported below **1650 FNL 1650 FWL**  
At total depth **1650 FNL 1650 FWL**

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH  
**Eddy**

13. STATE  
**NM**

15. DATE SPUDED  
**1/10/97**

16. DATE T.D. REACHED  
**1/16/97**

17. DATE COMPL. (Ready to prod.)  
**1/27/97**

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

19. ELEV. CASING HEAD

20. TOTAL DEPTH, MD & TVD  
**4815**

21. PLUG, BACK T.D., MD & TVD  
**4776**

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

**Yes**

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

**4286-4637 Paddock**

25. WAS DIRECTIONAL SURVEY MADE

**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**SDL,DSN,CSNG,DLL,MSFL**

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>32</b>	<b>506</b>	<b>12 1/4</b>	<b>50</b>	<b>None</b>
<b>7</b>	<b>20</b>	<b>2843</b>	<b>7 7/8</b>	<b>100</b>	<b>None</b>
<b>4 1/2</b>	<b>11.6</b>	<b>4788</b>	<b>6 1/8</b>	<b>1624, 350sx</b>	<b>None</b>

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<b>2 7/8</b>	<b>4650</b>	

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

**4286-4637 2000 gals 15% NE acid**

**4286-4637 32,000 gals 20% NE acid**

**4286-4637, 1/2, 35**

33. PRODUCTION

DATE FIRST PRODUCTION <b>2/4/97</b>		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <b>Pumping 2 1/2 x 2 20 PAP HVR</b>				WELL STATUS (Producing or shut-in) <b>Producing</b>	
DATE OF TEST <b>2/12/97</b>	HOURS TESTED <b>24</b>	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. <b>80</b>	GAS-MCF. <b>112</b>	WATER-BBL. <b>540</b>	GAS-OIL RATIO <b>1400</b>
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. <b>80</b>	GAS-MCF. <b>112</b>	WATER-BBL. <b>540</b>	OIL GRAVITY - API (CORR.) <b>38</b>	

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

**Sold**

35. LIST OF ATTACHMENTS

**Well Report**

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

SIGNED

*Cris D. Carter*

TITLE

**Production Clerk**

DATE

**2/18/97**

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

38. **GEOLOGIC MARKERS**

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH