

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instruction on reverse side)

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

6. LEASE DESIGNATION AND SERIAL NO.
NMLC-054988B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other RECEIVED
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other JUL 20 2005

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 **1500 FNL & 2310 FWL**
At top prod. interval reported below
At total depth

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Jenkins B Federal #15

9. API WELL NO.
30-015-33472 S1

10. FIELD AND POOL, OR WILDCAT
Grayburg Jackson SR Q G SA

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

Sec. 20 T17S R30E, Unit F

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH **Eddy** 13. STATE **NM**

15. DATE SPUDDED **5/5/2005** 16. DATE T.D. REACHED **5/17/2005** 17. DATE COMPL. (Ready to prod.) **6/27/2005** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **3648' RKB** 19. ELEV. CASING HEAD **3639'**

20. TOTAL DEPTH, MD & TVD **4935** 21. PLUG, BACK T.D., MD & TVD **4906** 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)*
3046-3968', San Andres 26. 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 |
| 13 3/8" H-40 | 48 | 421 | 17 1/2 | 475 sx | None |
| 8 5/8" J-55 | 24 | 1055 | 12 1/4 | 575 sx | None |
| 5 1/2" J-55 | 15.5 | 4919 | 7 7/8 | 1100 sx | None |

| 29. LINER RECORD | | | | 30. TUBING RECORD | | |
|------------------|------------|------------------|--------------|-------------------|----------------|-----------------|
| SIZE | T O P (MD) | B O T T O M (MD) | SACKS CEMENT | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| | | | | 2 7/8 | 3992 | |

| 31. PERFORATION RECORD (interval, size and number) | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC | |
|--|----------------------------------|---|----------------------------------|
| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
| 3046-3968' | See 3160-5 for detail | | |

| 33. PRODUCTION | | | | | | | |
|-----------------------|-----------------|--|------------------------|----------|--------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) | | | | WELL STATUS (Producing or shut-in) | |
| 6/11/2005 | | 2 1/2 x 2 x 20' pump | | | | Producing | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL-BBL. | GAS-MCF. | WATER-BBL. | GAS-OIL RATIO |
| 7/11/2005 | 24 hours | | | 44 | 54 | 300 | 1227 |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL-BBL. | GAS-MCF. | WATER - BBL. | OIL GRAVITY - API (CORR.) | |
| | | | 44 | 54 | 300 | | |

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

35. LIST OF ATTACHMENTS
Deviation Survey and Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Jerry W. Sherrill TITLE Production Clerk DATE 7/13/2005

*(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):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|------------|------|--------|-----------------------------|--------------|-----------|----------------|
| | | | | | MEAS.DEPH | TRUE VERT.DEPH |
| San Andres | 3046 | 3968 | | Yates | 1122 | |
| | | | | Seven Rivers | 1424 | |
| | | | | Queen | 2046 | |
| | | | | Grayburg | 2436 | |
| | | | | San Andres | 2779 | |
| | | | | Glorietta | 4190 | |

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