

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------|------------------------|-----------------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>1a. TYPE OF WELL:</b><br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____<br><b>b. TYPE OF COMPLETION:</b><br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____ |                 |                                                                        |                        |                                                     |               | <b>6. LEASE DESIGNATION AND SERIAL NO.</b><br>LC-056551A                                                                                    |               |
| <b>2. NAME OF OPERATOR</b><br>Mack Energy Corporation                                                                                                                                                                                                                                                                                                                                        |                 |                                                                        |                        |                                                     |               | <b>7. UNIT AGREEMENT NAME</b><br><br><b>8. FARM OR LEASE NAME, WELL NO.</b><br>Holder CB Federal #6                                         |               |
| <b>3. ADDRESS AND TELEPHONE NO.</b><br>P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288                                                                                                                                                                                                                                                                                                   |                 |                                                                        |                        |                                                     |               | <b>9. API WELL NO.</b><br>30-015-31891                                                                                                      |               |
| <b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements)*<br>At surface 2310 FNL & 990 FWL<br>At top prod. interval reported below<br>At total depth                                                                                                                                                                                               |                 |                                                                        |                        |                                                     |               | <b>10. FIELD AND POOL, OR WILDCAT</b><br>Loco Hills Paddock<br><b>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA</b><br>Sec 17 T17S R30E |               |
| <b>14. PERMIT NO.</b>                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                        |                        | <b>DATE ISSUED</b>                                  |               | <b>12. COUNTY OR PARISH</b><br>Eddy                                                                                                         |               |
| <b>15. DATE SPUDDED</b><br>9/7/01                                                                                                                                                                                                                                                                                                                                                            |                 | <b>16. DATE T.D. REACHED</b><br>9/23/01                                |                        | <b>17. DATE COMPL. (Ready to prod.)</b><br>10/30/01 |               | <b>18. ELEVATIONS (DF, RKB, RT, GR, ETC.)</b><br>3667 RKB                                                                                   |               |
| <b>19. ELEV. CASING HEAD</b><br>3654                                                                                                                                                                                                                                                                                                                                                         |                 | <b>20. TOTAL DEPTH, MD &amp; TVD</b><br>6211                           |                        | <b>21. PLUG, BACK T.D., MD &amp; TVD</b><br>4837    |               | <b>22. IF MULTIPLE COMPL., HOW MANY*</b>                                                                                                    |               |
| <b>23. INTERVALS DRILLED BY</b>                                                                                                                                                                                                                                                                                                                                                              |                 |                                                                        |                        |                                                     |               | <b>ROTARY TOOLS</b><br>Yes                                                                                                                  |               |
| <b>24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*</b><br>4236-4635' Paddock                                                                                                                                                                                                                                                                                |                 |                                                                        |                        |                                                     |               | <b>25. WAS DIRECTIONAL SURVEY MADE</b><br>Yes                                                                                               |               |
| <b>26. TYPE ELECTRIC AND OTHER LOGS RUN</b><br>Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray                                                                                                                                                                                                                                                                                    |                 |                                                                        |                        |                                                     |               | <b>27. WAS WELL CORED</b><br>No                                                                                                             |               |
| <b>28. CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                                                                                                                                                                    |                 |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
| CASING SIZE/GRADE                                                                                                                                                                                                                                                                                                                                                                            | WEIGHT, LB./FT  | DEPTH SET (MD)                                                         | HOLE SIZE              | TOP OF CEMENT, CEMENTING RECORD                     | AMOUNT PULLED |                                                                                                                                             |               |
| 13 3/8 J-55                                                                                                                                                                                                                                                                                                                                                                                  | 48              | 425                                                                    | 17 1/2                 | 455 sx                                              | None          |                                                                                                                                             |               |
| 8 5/8 J-55                                                                                                                                                                                                                                                                                                                                                                                   | 24              | 1126                                                                   | 12 1/4                 | 625 sx                                              | None          |                                                                                                                                             |               |
| 5 1/2 J-55                                                                                                                                                                                                                                                                                                                                                                                   | 17              | 4849                                                                   | 7 7/8                  | 1065 sx                                             | None          |                                                                                                                                             |               |
| <b>29. INTER RECORD</b>                                                                                                                                                                                                                                                                                                                                                                      |                 |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                         | T-O-P (MD)      | BOTTOM (MD)                                                            | SACKS CEMENT           | SCREEN (MD)                                         |               |                                                                                                                                             |               |
|                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
| <b>30. TUBING RECORD</b>                                                                                                                                                                                                                                                                                                                                                                     |                 |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                         | DEPTH SET (MD)  | PACKER SET (MD)                                                        |                        |                                                     |               |                                                                                                                                             |               |
| 2 7/8                                                                                                                                                                                                                                                                                                                                                                                        | 4652            |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
| <b>31. PERFORATION RECORD (Interval, size and number)</b>                                                                                                                                                                                                                                                                                                                                    |                 |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
| ALEXIS C. SWOBODA<br>PETROLEUM ENGINEER<br>4236-4635', .41, 95                                                                                                                                                                                                                                                                                                                               |                 |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
| <b>32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC</b>                                                                                                                                                                                                                                                                                                                                         |                 |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                                                                                                                                                                          |                 |                                                                        |                        | AMOUNT AND KIND OF MATERIAL USED                    |               |                                                                                                                                             |               |
| 4236-4635'                                                                                                                                                                                                                                                                                                                                                                                   |                 |                                                                        |                        | 2500 gals 15% NEFE acid                             |               |                                                                                                                                             |               |
| 4236-4635'                                                                                                                                                                                                                                                                                                                                                                                   |                 |                                                                        |                        | 32000 gals 20% NE Acid                              |               |                                                                                                                                             |               |
| 4236-4635'                                                                                                                                                                                                                                                                                                                                                                                   |                 |                                                                        |                        | 54000 gals 40# gel                                  |               |                                                                                                                                             |               |
| 4236-4635'                                                                                                                                                                                                                                                                                                                                                                                   |                 |                                                                        |                        | 5000 15% HCL Acid                                   |               |                                                                                                                                             |               |
| <b>33. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
| DATE FIRST PRODUCTION                                                                                                                                                                                                                                                                                                                                                                        |                 | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) |                        |                                                     |               | WELL STATUS (Producing or shut-in)                                                                                                          |               |
| 11/2/01                                                                                                                                                                                                                                                                                                                                                                                      |                 | 2 1/2 x 2 x 16' HVR                                                    |                        |                                                     |               | Producing                                                                                                                                   |               |
| DATE OF TEST                                                                                                                                                                                                                                                                                                                                                                                 | HOURS TESTED    | CHOKE SIZE                                                             | PROD'N FOR TEST PERIOD | OIL-BBL.                                            | GAS-MCF.      | WATER-BBL.                                                                                                                                  | GAS-OIL RATIO |
| 11/2/01                                                                                                                                                                                                                                                                                                                                                                                      | 24 hours        |                                                                        |                        | 44                                                  | 120           | 410                                                                                                                                         | 2727          |
| FLOW. TUBING PRESS.                                                                                                                                                                                                                                                                                                                                                                          | CASING PRESSURE | CALCULATED 24-HOUR RATE                                                | OIL-BBL.               | GAS-MCF.                                            | WATER - BBL.  | OIL GRAVITY - API (CORR.)                                                                                                                   |               |
|                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                                        | 44                     | 120                                                 | 410           |                                                                                                                                             |               |
| <b>34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)</b><br>sold                                                                                                                                                                                                                                                                                                                    |                 |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
| <b>35. LIST OF ATTACHMENTS</b><br>Deviation Survey                                                                                                                                                                                                                                                                                                                                           |                 |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                                                                                                                                                            |                 |                                                                        |                        |                                                     |               |                                                                                                                                             |               |
| SIGNED                                                                                                                                                                                                                                                                                                                                                                                       |                 | TITLE                                                                  |                        |                                                     | DATE          |                                                                                                                                             |               |
| [Signature]                                                                                                                                                                                                                                                                                                                                                                                  |                 | Production Analyst                                                     |                        |                                                     | 11/30/01      |                                                                                                                                             |               |

\*(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. | NAME        | TOP         |                  |
|--------------------|------|--------|-----------------------------|-------------|-------------|------------------|
|                    |      |        |                             |             | MEAS. DEPTH | TRUE VERT. DEPTH |
| Loco Hills Paddock | 4213 | 4635   |                             | Queen       | 2227        |                  |
|                    |      |        |                             | San Andreas | 2717        |                  |
|                    |      |        |                             | Glorietta   | 4151        |                  |

38. GEOLOGIC MARKERS

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