

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*
(See other in-
struction on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
NMMN-117122

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

7 UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Brantley Federal #1

9 API WELL NO

30-015-35851

10. FIELD AND POOL, OR WILDCAT

Loco Hills; Glorietta Yeso

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

Sec. 7 T17S R30E

1a. TYPE OF WELL. OIL WELL ☒ GAS WELL ☐ DRY ☐ Other **S**
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

2310' FNL & 990' FEL

At top prod. interval reported below

MAR 26 2008

At total depth

OCD-ARTESIA

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED

12/29/2007

16. DATE T.D. REACHED

1/11/2008

17. DATE COMPL. (Ready to prod.)

3/07/2008

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

3691 RKB

19. ELEV. CASING HEAD

3674' GR

20 TOTAL DEPTH, MD & TVD

6458'

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

6406'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

Yes

CABLE TOOLS

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

4364 - 5424.5' Loco Hills; Glorietta Yeso

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 |
|---------------------|----------------|----------------|---------------|---------------------------------|---------------|
| 13 3/8, H-40 | 48 | 435' | 17 1/2 | 870sx | None |
| 8 5/8, J-55 | 32 | 1355' | 12 1/4 | 510sx | None |
| 5 1/2, J-55 | 17 | 6475' | 7 7/8 | 1822sx | None |

29. LINER RECORD

30. TUBING RECORD

| SIZE | T O P (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|------------|-------------|--------------|-------------|--------------|----------------|-----------------|
| | | | | | 2 7/8 | 5448' | |

31. PERFORATION RECORD (Interval, size and number)

4364 - 4657.5', .42, 68
5066 - 5424.5', .42, 72
5603.5 - 5743' .42, 52 CIBP @ 5580 w/ 35' cap

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 4364-5743' | See 3160-5 for details |

33. PRODUCTION

| | | | | | | | |
|------------------------------------|--------------------|--|-----------------------------|----------------|-------------------|---|-----------------------|
| DATE FIRST PRODUCTION 2/18/2008 | | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 24' pump | | | | WELL STATUS (Producing or shut-in) Producing | |
| DATE OF TEST 3/17/2008 | HOURS TESTED 24 | CHOKE SIZE | PROD'N FOR TEST PERIOD → | OIL-BBL. 83 | GAS-MCF. 118 | WATER-BBL. 0 | GAS-OIL RATIO 1421 |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE → | OIL-BBL. 83 | GAS-MCF 118 | WATER - BBL. 0 | OIL GRAVITY - API (CORR.) | |

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

[Signature]

TITLE

Production Clerk

DATE

3/25/08

*(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.