

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

SUBMIT IN

PLICATE*
(See other in-
struction on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
LC-057634

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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. ☐ 1 S. Street
Artesia, NM

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 FSL 2310 FEL

At top prod. interval reported below

1650 FSL 2310 FEL

At total depth

1650 FSL 2310 FEL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

McIntyre A #13

9. API WELL NO.

30-015-30293

10. FIELD AND POOL, OR WILDCAT

Loco Hills Paddock

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

Sec 20 T17S R30E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED
6/27/98

16. DATE T.D. REACHED
7/5/98

17. DATE COMPL. (Ready to prod.)
8/6/98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3627 GR

19. ELEV. CASING HEAD
3627

20. TOTAL DEPTH, MD & TVD
4935

21. PLUG, BACK T.D., MD & TVD
4906

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
Rotary

ROTARY TOOLS
Yes

CABLE TOOLS

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

4422.5-4875 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
13 3/8	48	426	17 1/2	Circ., 525 sx	None
8 5/8	24	1049	12 1/4	Circ., 600 sx	None
5 1/2	17	4920	7 7/8	Circ., 955 sx	None

29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4892	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4422.5-4875, 1/2,90

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4422.5-4875	2000 gals 15% NE acid
4422.5-4875	32,000 gals 20% NE acid

33. PRODUCTION

DATE FIRST PRODUCTION 8/14/98		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 8/19/98	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 173	GAS-MCF. 101	WATER-BBL. 692	GAS-OIL RATIO 583	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 173	GAS-MCF. 101	WATER - BBL. 692	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

David R. Glass

TITLE

Production Clerk

DATE

8/28/98

*(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	4398	4866		Queen San Andres Glorietta	2131 2902 4337	

38.

GEOLOGIC MARKERS