

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
(See other instructions on reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

LEASE DESIGNATION AND SERIAL NO.

LC-060528

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. ☐Other ☐

2. NAME OF OPERATOR

Mack Energy Corporation

3. ADDRESS AND TELEPHONE NO.

P.O. Box 960, Artesia, NM 88211-0960

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

1650 FNL 330 FWL

At top prod. interval reported below

1650 FNL 330 FWL

At total depth

1650 FNL 330 FWL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Melrose Federal #2

9. API WELL NO.

30-015-30649

10. FIELD AND POOL, OR WILDCAT

Loco Hills Paddock

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

Sec 23-T17S-R30E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

9/22/99

16. DATE T.D. REACHED

10/3/99

17. DATE COMPL. (Ready to prod.)

10/15/99

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

3680 RKB

19. ELEV. CASING HEAD

3668

20. TOTAL DEPTH, MD & TVD

5185

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

5151

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)*

4534-4837 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 K-55	54	474	17 1/2	450 sx	None
8 5/8 J-55	24	1121	12 1/4	475 sx	None
5 1/2 J-55	17	5164	7 7/8	1200 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	4860	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4534-4837, 1/2, 59

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4534-4837	2500 gals 15% NEFE acid
4534-4837	32000 gals 20% HCL acid
4534-4837	54000 gals 40# gel

33. PRODUCTION

DATE FIRST PRODUCTION 10/21/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) pumping 2 1/2 x 2 x 20' HVR				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 10/28/99	HOURS TESTED 24	CHOKE SIZE None	PROD'N FOR TEST PERIOD →	OIL-BBL. 88	GAS-MCF. 91	WATER-BBL. 425	GAS-OIL RATIO 1034
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 88	GAS-MCF. 91	WATER - BBL. 425	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 to the best of my knowledge and belief.

SIGNED

David R. Glass

TITLE

Production Analyst

DATE

10/29/99

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