

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

SUBMIT IN 1. **INDICATE\***  
(See other instruction on reverse side)

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

*157*

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐ *Oil Cons. Drilled*

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ Other ☐ *10-2634*

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 **330 FSL 330 FWL**  
At top prod. interval reported below **330 FSL 330 FWL**  
At total depth **330 FSL 330 FWL**

5. LEASE DESIGNATION AND SERIAL NO.  
**NM-86025**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
**McIntyre DK Federal #7**

9. API WELL NO.  
**30-015-27476**

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 **9/19/93** 16. DATE T.D. REACHED **9/30/93** 17. DATE COMPL. (Ready to prod.) **12/21/97** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) **3652 GR** 19. ELEV. CASING HEAD **3652**

20. TOTAL DEPTH, MD & TVD **5113** 21. PLUG, BACK T.D., MD & TVD **5080** 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)\*  
**4202-4491 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	54	255	17 1/2	Circ., 300 sx	None
8 5/8	24	1036	12 1/4	Circ., 700 sx	None
5 1/2	17	5099	7 7/8	Circ., 1320 sx	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	4541	

31. PERFORATION RECORD (Interval, size and number)

**ACCEPTED FOR RECORD**  
**FEB 13 1998**  
**BLM**  
**4202-4491, 1/2, 34**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4202-4491	2000 gals 15% NE acid
4202-4491	32,000 gals 20% NE acid

33. PRODUCTION

DATE FIRST PRODUCTION **12/23/97** 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	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
1/2/98	24			25	70	100	2800

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
			25	70	100	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 *Crista D. Carter* TITLE Production Clerk DATE 1/19/98

\*(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.

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GENERAL INVESTIGATIVE  
DIVISION  
JUN 20 1968

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