

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT  
511 S. 1st Street  
Artesia, NM 88210-2834

SUBMIT IN ORIGINAL OR COPY (reverse side)

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

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 #13

9. API WELL NO. 30-015-30679

10. FIELD AND POOL, OR WILDCAT Loco Hills Paddock

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 17-T17S-R30E

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 (505) 748-1288

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 990 FSL 990 FWL  
At top prod. interval reported below 990 FSL 990 FWL  
At total depth 990 FSL 990 FWL

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH Eddy 13. STATE NM

15. DATE SPUDDED 12/30/99 16. DATE T.D. REACHED 1/11/00 17. DATE COMPL. (Ready to prod.) 1/29/00 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3660 RKB 19. ELEV. CASING HEAD 3648

20. TOTAL DEPTH, MD & TVD 4668 21. PLUG, BACK T.D., MD & TVD 4650 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)\* 4279-4580 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	54.5	364	17 1/2	325 sx	None
8 5/8 J-55	24	1033	12 1/4	525 sx	None
5 1/2 J-55	17	4663	7 7/8	860 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	4594	

31. PERFORATION RECORD (Interval, size and number) 4279-4580, .41, 80

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4279-4580	2500 gals 15% NEFE acid
4279-4580	32,000 gals 20% HCL
4279-4580	54,000 gals 40# gel
4279-4580	5000 gals 15% HCL

33. PRODUCTION DATE FIRST PRODUCTION 2/5/00 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 16' HVR WELL STATUS (Producing or shut-in) Producing

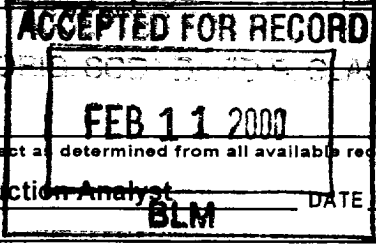
DATE OF TEST 2/8/00 HOURS TESTED 24 CHOKE SIZE PRODN FOR TEST PERIOD OIL-BBL. 80 GAS-MCF. 125 WATER-BBL. 425 GAS-OIL RATIO 1562

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL-BBL. 80 GAS-MCF. 125 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 as determined from all available records  
SIGNED Cissa D. Smith TITLE Production Analyst DATE 2/10/00



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

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Loco Hill Paddock	4550	4584		Queen	2024	
				San Andres	2732	
				Glorietta	4160	

**RECEIVED**  
 FEB 11 2000  
 BLM  
 ROSWELL, NM