

(October 1990)

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

SUBMIT IN DUPLICATE

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

6. LEASE DESIGNATION AND SERIAL NO.

NM-14840

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. ☐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

At top prod. interval reported below

At total depth

230 FNL 1650 FWL**14. PERMIT NO.****DATE ISSUED****12. COUNTY OR PARISH****Eddy****13. STATE****NM****15. DATE SPUDDED****4/5/00****16. DATE T.D. REACHED****4/16/00****17. DATE COMPL. (Ready to prod.)****5/2/00****18. ELEVATIONS (DF, RKB, RT, GR, ETC.)****3632 RKB****19. ELEV. CASING HEAD****3620****20. TOTAL DEPTH, MD & TVD****4385****21. PLUG, BACK T.D., MD & TVD****4326****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)*****3886-4213, 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	48	352	17 1/2	350 sx	None
8 5/8 J-55	24	835	12 1/4	425 sx	None
5 1/2 J-55	15.5	4339	7 7/8	840 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	4222	

31. PERFORATION RECORD (Interval, size and number)**3886-4231, .41, 80****32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC**

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3886.5-4231.5	2500 gals 15% NEFE acid
3886.5-4231.5	32000 gals 20% HCL acid
3886.5-4231.5	54000 gals 40# gel
3886.5-4231.5	5000 gals 15% HCL

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
5/16/00		2 1/2 x 2 x 20' HVR				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
5/24/00	24	None		76	109	426	1440
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
			76	109	426	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 an available records

SIGNED

TITLE

Production Analyst

DATE

5/26/00

*(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.	GEOLOGIC MARKERS		
				NAME	MEAS.DEPH	TRUE VERT.DEPH
East Empire Ye 0007 0 8 1500	3839	4182		Queen	1631	
				San Andreas	2302	
				Glorietta	3752	