

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NM-074935

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		8. FARM OR LEASE NAME, WELL NO. Electra Federal #2	
2. NAME OF OPERATOR Mack Energy Corporation		9. API WELL NO. 30-015-31430	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288		10. FIELD AND POOL, OR WILDCAT Loco Hills Paddock	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310 FNL & 990 FWL At top prod. interval reported below At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 15-T17S-R30E	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 3/17/01		16. DATE T.D. REACHED 3/26/01	
17. DATE COMPL. (Ready to prod.) 4/9/01		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3694 RKB	
19. ELEV. CASING HEAD 3681		20. TOTAL DEPTH, MD & TVD 4963	
21. PLUG, BACK T.D., MD & TVD 4931		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)* 4405-4786.5' 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
13 3/8 K-55	48	355	17 1/2
8 5/8 J-55	24	1192	12 1/4
5 1/2 J-55	17	4957	7 7/8
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
425 sx		None	
625 sx		None	
945 sx		None	
29. ACCEPTED FOR RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT
2 7/8			
30. TUBING RECORD		DEPTH SET (MD)	
2 7/8		4820	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
LES BABYAK PETROLEUM ENGINEER 4405-4786.5' .41, 116		DEPTH INTERVAL (MD)	
		AMOUNT AND KIND OF MATERIAL USED	
		4405-4786.5' 2500 gals 15% NE Acid	
		4405-4786.5' 32000 gals 20% NE Acid	
		4405-4786.5' 54000 gals 40# gel	
		4405-4786.5' 5000 15% HCL Acid	
33. PRODUCTION			
DATE FIRST PRODUCTION 4/18/01	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 20' RHBC HVR PAP BNC		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 4/26/01	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD
			83
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 83
			106
			422
			1277
			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 <u>Curt D. Cat</u>		TITLE <u>Production Analyst</u>	
		DATE <u>5/10/01</u>	

*(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.DEPH	TRUE VERT.DEPH
Loco Hills Paddock	4394	4770		Queen	2142	
				San Andreas	2869	
				Glorietta	4320	

38. GEOLOGIC MARKERS

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