

(October 1990)

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

SUBMIT IN DUPLICATE

N.M. Oil Cons. Division
FOR APPROVED
1st Street
Artesia NM 88210-2844
Expires: December 31, 1991
029342B

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. Polaris B Federal #1	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-015-31565	
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 & 2210 FWL At top prod. interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 17-T17S-R30E	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Eddy	
15. DATE SPUDDED 2/11/01		16. DATE T.D. REACHED 2/20/01		17. DATE COMPL. (Ready to prod.) 3/23/01		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3673	
19. ELEV. CASING HEAD 3660							
20. TOTAL DEPTH, MD & TVD 4740		21. PLUG, BACK T.D., MD & TVD 4720		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)* 4263-4585' 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	437	17 1/2	450 sx		None	
8 5/8 J-55	24	1129	12 1/4	600 sx		None	
5 1/2 J-55	17	4733	7 7/8	930 sx		None	
29. LINER RECORD							
SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4611	
31. PERFORATION RECORD (Interval, size and number) 4263-4585' .41, 67				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
4263-4585'				2500 gals 15% NE Acid			
4263-4585'				32000 gals 20% HCL acid			
4263-4585'				54000 gals 40# gel			
4263-4585'				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)	
3/30/01		2 1/2 x 2 x 16' RHBC HVR PAP BNC				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
4/12/01	24	None		99	172	433	1737
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
			99	172	433	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		TITLE		DATE			
Lisa D. Glass		Production Analyst		4/19/01			

*(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. DEPTH	TRUE VERT. DEPTH
Loco Hills Paddock	4231	4564		Queen	2040	
				San Andreas	2732	
				Glorietta	4170	

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