

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE TO THE STATE OIL FIELD DIVISION FOR APPROVAL
OMB NO. 1004-0137
Expires: December 31, 1991
1501 W. Grand Avenue
Artesia, NM 88210
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Artesia, NM 88210

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 <u>Recompletion</u>						8. FARM OR LEASE NAME, WELL NO.	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-015-04233	
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 1650 FNL & 330 FWL At top prod. interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T17S, R30E, E	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Eddy	
15. DATE SPUDDED 6/25/02				16. DATE T.D. REACHED 7/02/02		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 7/23/02		18. ELEVATIONS (OF, RKB, RT, GR, ETC.) 3652' RKB		19. ELEV. CASING HEAD 3649'			
20. TOTAL DEPTH, MD & TVD 4966'		21. PLUG, BACK T.D., MD & TVD 4937'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Yes	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4366.5-4811.5' Paddock						25. WAS DIRECTIONAL SURVEY MADE	
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	
8 5/8	32	558'	N/A	50 sx		None	
7	20	2825'	N/A	100 sx		None	
4 1/2	11.60	4953'	6 1/4	340 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 3/8	4827'	
31. PERFORATION RECORD (Interval, size and number) 4366.5-4811.5', .43, 103				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				4366.5-4811.5'		2500 gals 15% NEFE	
				4366.5-4811.5'		32000 gals 20% HCL	
				4366.5-4811.5'		54000 gals 40# gel	
				4366.5-4811.5'		5000 gals 15% acid	
33. PRODUCTION							
DATE FIRST PRODUCTION 7/27/02		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2x1 1/2x16' Pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/4/02	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. 92	GAS-MCF 187	WATER-BBL. 125	GAS-OIL RATIO 2033
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 92	GAS-MCF. 187	WATER 125	OIL GRAVITY - API (CORR.) 38	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold							
35. LIST OF ATTACHMENTS Logs							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Cassidy Carter</u>		TITLE Production Analyst		DATE 8/21/02			

*(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. DEPTH	TRUE VERT. DEPTH
Loco Hills Paddock	4356	4812		Yates	N/A	
				Seven Rivers	N/A	
				Queen	N/A	
				San Andres	2826	
				Glorietta	4264	

38. GEOLOGIC MARKERS

RECEIVED