

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

SUBMIT IN DUPLICATE*

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____						5. LEASE DESIGNATION AND SERIAL NO. LC-058181	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____						7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Mack Energy Corporation						8. FARM OR LEASE NAME, WELL NO. Beech Federal 1	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288						9. API WELL NO. 30-015-30812	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 330 FSL 940 FWL At top prod. interval reported below 330 FSL 940 FWL At total depth 330 FSL 940 FWL						10. FIELD AND POOL, OR WILDCAT Logan Draw Wolfcamp	
14. PERMIT NO. _____ DATE ISSUED _____						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NE Red Lake G10-Yes Sec 25-T17S-R27E	
15. DATE SPUDDED 11/19/99		16. DATE T.D. REACHED 12/13/99		17. DATE COMPL. (Ready to prod.) 1/10/2000		12. COUNTY OR PARISH Eddy	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3615		19. ELEV. CASING HEAD 3603		13. STATE NM			
20. TOTAL DEPTH, MD & TVD 7244		21. PLUG, BACK T.D., MD & TVD 3615		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS Yes	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 3195-3552, Yeso						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		
8 5/8 J-55	32	358	12 1/4	250 sx	None		
5 1/2 J-55	17	3628	7 7/8	1000 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	3582	
31. PERFORATION RECORD (Interval, size and number) 3195-3552, 1/2, 71				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED			
				3195-3552 2500 gals 15% NEFE acid			
				3195-3552 32000 gals 20% HCL acid			
				3195-3552 54000 gals 40# gel			
				3195-3552 5000 gals 15% acid			
33. PRODUCTION							
DATE FIRST PRODUCTION 1/14/2000		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Reda pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1/17/2000	HOURS TESTED 24	CHOKE SIZE None	PROD'N FOR TEST PERIOD →	OIL-BBL. 75	GAS-MCF. 104	WATER-BBL. 340	GAS-OIL RATIO 1386
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 75	GAS-MCF. 104	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 <u>Craig D. Carr</u>		TITLE <u>Production Analyst</u>		DATE <u>1/17/00</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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Logan Draw Wolfcamp	3142	3552		Queen	852	
				San Andres	1730	
				Glorietta	3086	

