

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

other in-
formation on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

C/SF

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						7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288						8. FARM OR LEASE NAME, WELL NO. Woolley Federal #5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1550 FSL 2310 FWL At top prod. interval reported below 1550 FSL 2310 FWL At total depth 1550 FSL 2310 FWL						9. API WELL NO. 30-015-30502	
14. PERMIT NO.						DATE ISSUED	12. COUNTY OR PARISH Eddy
15. DATE SPUDDED 11/4/1999						16. DATE T.D. REACHED 11/18/1999	13. STATE NM
17. DATE COMPL. (Ready to prod.) 12/1/1999						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3653 RKB	19. ELEV. CASING HEAD 3641
20. TOTAL DEPTH, MD & TVD 4964		21. PLUG, BACK T.D., MD & TVD 4940		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Rotary Tools	CABLE TOOLS
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4554-4771' 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	54	448	17 1/2	425 sx		None	
8 5/8 J-55	24	1148	12 1/4	500sx		None	
5 1/2 J-55	17	4951	7 7/8	1085sx		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	4491	
31. PERFORATION RECORD (Interval, size and number) 4554-4771, 1/2, 54				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				4554-4771'		5000 gals 15% acid	
				4554-4771'		32000 gals 20% acid	
				4554-4771'		54,000 gals 40# gel	
33. PRODUCTION							
DATE FIRST PRODUCTION 12/5/1999		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Reda pump 550				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12/20/1999	HOURS TESTED 24	CHOKE SIZE None	PROD'N FOR TEST PERIOD 87	OIL-BBL. 87	GAS-MCF. 63	WATER-BBL. 675	GAS-OIL RATIO 724
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 87	OIL-BBL. 87	GAS-MCF. 63	WATER - BBL. 675	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 C. D. Carr		TITLE Production Analyst		DATE 12/21/99			

*(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	4537	4770		Queen	2238	
				San Andres	2998	
				Glorietta	4482	

FILED
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 10 11 13 10 11