

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

LEASE DESIGNATION AND SERIAL NO.

NM-94593

IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT

1301 W. Grand Avenue
Artesia, NM 88210

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. Fir Federal #1	
2. NAME OF OPERATOR Mack Energy Corporation				9. API WELL NO. 30-015-32069	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288				10. FIELD AND POOL, OR WILDCAT Logan Draw Wolfcamp	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1770 FSL & 990 FWL At top prod. interval reported below At total depth				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 25-T17S-R27E	
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Eddy	13. STATE NM
15. DATE SPUDDED 12/3/01	16. DATE T.D. REACHED 12/28/01	17. DATE COMPL. (Ready to prod.) 2/24/02	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3606' RKB	19. ELEV. CASING HEAD 3594'	
20. TOTAL DEPTH, MD & TVD 7208'		21. PLUG, BACK T.D., MD & TVD 7186'	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)* 6902-7046' Wolfcamp				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	24	415'	12 1/4	425 sx	None
5 1/2 J-55	17	1617 1/8'	7 7/8	1790 sx	None
29. LINER RECORD					
SIZE	T O P (MD)	B O T T O M (MD)	SACKS CEMENT	SCREEN (MD)	PACKER SET (MD)
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 3/8	6847'	6847'			
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC		
			DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED		
			7040-46', 6902-10' 2000 gals 15% NEFE Acid		
			7040-46' 20000 gals 15% NEFE		
			6902-10' 20000 gals 15% NEFE		
7040-46', 6902-10', .41, 64					
33. PRODUCTION					
DATE FIRST PRODUCTION 2/25/02		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 3/12/02	HOURS TESTED 24	CHOKE SIZE 20/64	PROD'N FOR TEST PERIOD →	OIL-BBL. 94	GAS-MCF. 172
WATER-BBL. 36		GAS-OIL RATIO 1829			
FLOW. TUBING PRESS. 400	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL-BBL. 94	GAS-MCF. 172	WATER - BBL. 36
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					
35. LIST OF ATTACHMENTS Deviation Survey					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Curtis D. Cant		TITLE Production Analyst		DATE 3/12/02	

*(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.
Logan Draw Wolfcamp	6902'	7046'	

RECEIVED
2002 APR -4 AM 9:19
BUREAU OF LAND MGMT.
HOSWELL OFFICE

38.	GEOLOGIC MARKERS		
	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
	Seven Rivers	444	
	Queen	1224	
	San Andres	1757	
	Glorietta	3090	
	Tubb	4614	
	Abo	5240	
	Wolfcamp	6380	