

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Oil Cons. APPROVED
N.M. DIV. DIST. 2
1301 W. Grand Avenue
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 _____						8. FARM OR LEASE NAME, WELL NO. Berry A Federal #14	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-015-32279 SI	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 745-1288						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 1100 FNL & 2230 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	
14. PERMIT NO. _____				12. COUNTY OR PARISH Eddy		13. STATE NM	
15. DATE SPUDDED 5/27/02		16. DATE T.D. REACHED 6/6/02		17. DATE COMPL. (Ready to prod.) 6/15/02		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3672' RKB	
19. ELEV. CASING HEAD 3659'							
20. TOTAL DEPTH, MD & TVD 4900'		21. PLUG, BACK T.D., MD & TVD 4880'		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)* 4364-4810' 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	429'	17 1/2	450 sx		None	
8 5/8 K-55	24	1038'	12 1/4	575 sx		None	
5 1/2 J-55	17	4893'	7 7/8	1020 sx		None	
29. Packer Record							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4829'	
31. PERFORATION RECORD (Interval, size and number) ALEXIS C. SWOBODA PETROLEUM ENGINEER 4364-4810', .41, 99				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
4364-4810'				2500 gals 15% NEFE			
4364-4810'				32000 gals 20% HCL			
4364-4810'				54000 gals 40# gel			
4364-4810'				5000 gals 15% acid			
33. PRODUCTION							
DATE FIRST PRODUCTION 6/20/02		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2x2x16' Pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7/12/02	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. 159	GAS-MCF. 351	WATER-BBL. 200	GAS-OIL RATIO 2208
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 159	GAS-MCF. 351	WATER - BBL. 200	OIL GRAVITY - API (CORR.) 38	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold							
35. LIST OF ATTACHMENTS Deviation Survey, Logs							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED _____		TITLE Production Analyst		DATE 7/30/02			

*(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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Loco Hills Paddock	4362	4810		Yates	1197	
				Seven Rivers	1501	
				Queen	2120	
				San Andres	2840	
				Glorietta	4382	

RECEIVED
JAN 21 1946
U.S. GEOLOGICAL SURVEY