

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Oil Cons. FOR APPROVED
OMB NO. 1004-0137
Date: December 31, 1991

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 #13	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-015-31856	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288						10. FIELD AND POOL, OR WILDCAT 6000 Hills Paddock	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2285 FNL & 990 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.				DATE ISSUED		12. COUNTY OR PARISH Eddy	
13. STATE NM				15. DATE SPUDDED 7/24/01		16. DATE T.D. REACHED 8/18/01	
17. DATE COMPL. (Ready to prod.) 8/31/01				18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3655 RKB		19. ELEV. CASING HEAD 3643	
20. TOTAL DEPTH, MD & TVD 6996		21. PLUG, BACK T.D., MD & TVD 6980		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Yes	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 5443-5809' Blinberry						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	48	411	17 1/2	445 sx	None		
8 5/8	24	1214	12 1/4	625 sx	None		
5 1/2	17	6994	7 7/8	1500 sx	None		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8					2 7/8	5389	
31. PERFORATION RECORD (Interval, size and number) 5443-5809', .41, 71				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				5443-5809'		2500 gals 15% Acid	
				5443-5809'		32000 gals 20% NE Acid	
				5443-5809'		54000 gals 40# gel	
				5443-5809'		5000 15% HCL Acid	
33. PRODUCTION							
DATE FIRST PRODUCTION 9/24/01		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Reda pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 10/4/01	HOURS TESTED 24	CHOKE SIZE None	PROD'N FOR TEST PERIOD 30	OIL-BBL. 31	GAS-MCF. 405	WATER-BBL. 1033	GAS-OIL RATIO 38
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 30	OIL-BBL. 31	GAS-MCF. 405	WATER-BBL. 38	OIL GRAVITY - API (CORR.)	
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 Cress D. Cat				TITLE Production Analyst		DATE 10/17/01	
PETROLEUM ENGINEER							

*(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
	5443	5809		Yates	1204	
				Seven Rivers	1512	
				Queen	2145	
				San Andres	2865	
				Glorietta	4326	
				Tubb	5978	
				Abo	6540	

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