

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Cons.

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

C/SF

1301 W. Grand Avenue
 Artesia, NM 88210

LEASE DESIGNATION AND SERIAL NO.

NM-14840

LANDMAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ Other ☐						7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐						8. FARM OR LEASE NAME, WELL NO. White Star Federal #18	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-015-32135	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288						10. FIELD AND POOL, OR WILDCAT East Empire Yeso	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650 FNL & 330 FEL At top prod. interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 29 T17S R29E	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Eddy	13. STATE NM
15. DATE SPUDDED 1/15/02		16. DATE T.D. REACHED 1/26/02		17. DATE COMPL. (Ready to prod.) 2/27/02		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3598' RKB	
19. ELEV. CASING HEAD 3585'		20. TOTAL DEPTH, MD & TVD 4530'		21. PLUG, BACK T.D., MD & TVD 4506'		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)* 3978-4366.5', 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	
23. 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	328'	17 1/2	375 sx		None	
8 5/8 K-55	24	853'	12 1/4	525 sx		None	
5 1/2 J-55	17	4520'	7 7/8	890 sx		None	
29. ACCEPTED FOR RECORD							
SIZE	T.O.P. (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4376'	
31. PERFORATION RECORD (Interval, size and number) 3978-4366.5', .41, 107				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				3978-4366.5'		2500 gals 15% NEFE acid	
				3978-4366.5'		32000 gals 20% HCL	
				3978-4366.5'		54000 gals 40# gel	
				3978-4366.5'		5000 gals 15% HCL acid	
33. PRODUCTION							
DATE FIRST PRODUCTION 3/1/02		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2x2x16' HVR				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3/13/02	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD 	OIL-BBL. 107	GAS-MCF. 197	WATER-BBL. 321	GAS-OIL RATIO 1841
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 	OIL-BBL. 107	GAS-MCF. 197	WATER - BBL. 321	OIL GRAVITY - API (CORR.) 39	
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		TITLE Production Analyst		DATE 4/11/02			

*(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.	NAME	TOP	
					MEAS.DEPH	TRUE VERT.DEPH
East Empire Yeso	3916	4366.5		Yates	790	
				Seven Rivers	1076	
				Queen	1702	
				San Andres	2390	
				Glorietta	3858	

38. GEOLOGIC MARKERS