

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN **DUPLICATE***
(See other in-
struction on
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*						5. LEASE DESIGNATION AND SERIAL NO. NM-14840	
1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____						7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Mack Energy Corporation						8. FARM OR LEASE NAME, WELL NO. White Star Federal #5	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288						9. API WELL NO. 30-015-30356	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1650 FNL 2220 FEL At top prod. interval reported below 1650 FNL 2220 FEL At total depth 1650 FNL 2220 FEL						10. FIELD AND POOL, OR WILDCAT East Empire Yeso	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Eddy	13. STATE NM
15. DATE SPUDDED 12/18/98	16. DATE T.D. REACHED 12/30/98	17. DATE COMPL. (Ready to prod.) 1/20/99	18. ELEVATIONS (DF, RKB, RT, GR, ETC) 3610 RKB		19. ELEV. CASING HEAD 3598 GR.		
20. TOTAL DEPTH, MD & TVD 5215		21. PLUG, BACK T.D., MD & TVD 5201		22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY Yes	ROTARY TOOLS Yes	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4656-4768 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, H-40	48	324	17 1/2	325sx		None	
8 5/8, J-55	24	851	12 1/4	450sx		None	
5 1/2, J-55	17	5212	7 7/8	1005 sx		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)
		ACCEPTED RECORD			2 3/8	4784	
31. PERFORATION RECORD (Interval, size and number) 4656-4768, 1/2, 23				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				4729-4768		750 gals 15% NE acid	
				4656-4666		500 gals 15% NE acid	
				4656-4768		36000 gals gell, 965sx 16/30 sand	
33. PRODUCTION							
DATE FIRST PRODUCTION 1/23/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 x 1 1/2 x 16', HVR-PAP-BNC				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1/28/99	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD 68	OIL-BBL.	GAS-MCF. 193	WATER-BBL. 53	GAS-OIL RATIO 2838
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 68	OIL-BBL.	GAS-MCF. 193	WATER - BBL. 53	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 <u>Cesar D Carter</u>		TITLE <u>Production Clerk</u>		DATE <u>2/23/99</u>			

*(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):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					MEAS. DEPTH	TRUE VERT. DEPTH	
East Empire Yeso	3952	4316		Queen	1682		
				San Andres	2380		
				Glorietta	3835		

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