

(October 1990)

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

SUBMIT IN DUPLICATE

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

Oil Cons. Dist. 2
1301 W. Grand Avenue NM-14840
Artesia, NM 88210

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ PLUG BACK ☐ Other ☐		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐		8. FARM OR LEASE NAME, WELL NO. White Star Federal #19	
2. NAME OF OPERATOR Mack Energy Corporation		9. API WELL NO. 30-015-32136	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960		10. FIELD AND POOL, OR WILDCAT East Empire Yeso	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* 2240 FNL & 930 FEL		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 29 T17S R29E	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 2/20/02	16. DATE T.D. REACHED 3/4/02	17. DATE COMPL. (Ready to prod.) 3/26/02	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3597' RKB
19. ELEV. CASING HEAD 3584'		20. TOTAL DEPTH, MD & TVD 4515'	
21. PLUG, BACK T.D., MD & TVD 4495'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY Rotary Tools		24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 3960'-4397.5' 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		28. CASING RECORD (Report all strings set in well)	
CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE
13 3/8 H-40	48	331'	17 1/2
8 5/8 J-55	24	858'	12 1/4
5 1/2 J-55	17	4507'	7 7/8
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
350 sx		None	
525 sx		None	
900 sx		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT
2 7/8	4412'		
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8	4412'		
31. PERFORATION RECORD (Interval, size and number)			
APR 16 2002 3960'-4397.5' 41, 115 ALEXIS C. SWOBODA PETROLEUM ENGINEER			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3960'-4397.5'		2500 gals 15% NEFE acid	
3960'-4397.5'		32000 gals 20% HCL	
3960'-4397.5'		54000 gals 40# gel	
3960'-4397.5'		5000 15% HCL acid	
33. PRODUCTION			
DATE FIRST PRODUCTION 3/30/02		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2x2x16' HVR	
DATE OF TEST 4/8/02		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD 217	OIL-BBL. 396
FLOW. TUBING PRESS.	CASING PRESSURE	GAS-MCF. 506	WATER-BBL. 1825
CALCULATED 24-HOUR RATE 217	OIL-BBL. 396	GAS-MCF. 506	WATER - BBL. 1825
OIL GRAVITY - API (CORR.) 38		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. Cat		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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
East Empire Yeso	3954	4397.5		Yates	788	
				Seven Rivers	1084	
				Queen	1704	
				San Andres	2409	
				Glorietta	3880	

East Empire Yeso

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RECEIVED