

(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

 other in-
formation on
reverse side

 1301 W. Grand Avenue
Artesia, NM 88210
N.M. DIV-DIST-14840
6. LEASE DESIGNATION AND SERIAL NO.

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. White Star Federal #16	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-015-31890	
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 & 1600 FEL ARTESIA 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	
15. DATE SPUDDED 10/10/01		16. DATE T.D. REACHED 10/20/01		17. DATE COMPL. (Ready to prod.) 12/6/01		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3609 RKB	
19. ELEV. CASING HEAD 3596		20. TOTAL DEPTH, MD & TVD 4500'					
21. PLUG, BACK T.D., MD & TVD 4478'		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)* 3947.75-4338.5' 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 13 3/8 J-55 8 5/8 J-55 5 1/2 J-55		WEIGHT, LB./FT 48 24 17		DEPTH SET (MD) 390' 853' 4490'		HOLE SIZE 17 1/2 12 1/4 7 7/8	
TOP OF CEMENT, CEMENTING RECORD 400 sx 475 sx 1040 sx		AMOUNT PULLED None None None					
29. LINER RECORD				30. TUBING RECORD			
SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE 2 7/8	DEPTH SET (MD) 4355	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) 3947.75-4338.5', .41, 118				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3947.75-4338.5'				2500 gals 15% NEFE acid			
3947.75-4338.5'				32000 gals 20% NE Acid			
3947.75-4338.5'				54000 gals 40# gel			
3947.75-4338.5'				5000 cold 15% HCL Acid			
33. PRODUCTION							
DATE FIRST PRODUCTION 12/10/01		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 16' RHBC HVR PAP BNC				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12/30/01	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. 153	GAS-MCF. 282	WATER-BBL. 400	GAS- OIL RATIO 1843
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 153	GAS-MCF. 282	WATER - BBL. 400	OIL GRAVITY - API (CORR.)	
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 <i>Les Babayan</i>				TITLE Production Analyst			
				DATE 1/16/02			

*(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.

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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.
East Empire Yeso	3906	4314	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS.DEPH	TRUE VERT.DEPH
Yates	782	
Seven Rivers	1065	
Queen	1696	
San Andres	2381	
Glorietta	3834	