

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991
5. LEASE DESIGNATION AND SERIAL NO.
NM-29269

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____ b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____						7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME, WELL NO. Navaho Federal #3	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-015-30840	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288						10. FIELD AND POOL, OR WILDCAT Empire Yeso	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 2260 FSL 990 FEL At top prod. interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 30 T17S R29E	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Eddy	
13. STATE NM							
15. DATE SPURRED 5/14/00		16. DATE T.D. REACHED 5/27/00		17. DATE COMPL. (Ready to prod.) 6/14/00		18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 3640 RKB	
19. ELEV. CASING HEAD 3628							
20. TOTAL DEPTH, MD & TVD 4442		21. PLUG, BACK T.D., MD & TVD 4415		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS Yes	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4059-4321' 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		48		318		17 1/2	
8 5/8		24		950		12 1/4	
5 1/2		17		4428		7 7/8	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED					
350 sx		None					
475 sx		None					
980 sx		None					
29. LINER RECORD							
SIZE		T O P (MD)		BOTTOM (MD)		SACKS CEMENT	
2 7/8		4331		PACKER SET (MD)			
30. TUBING RECORD							
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
4059-4321', .41, 80				DEPTH INTERVAL (MD)			
4059-4321'				AMOUNT AND KIND OF MATERIAL USED			
4059-4321'				2500 gals 15% NE acid			
4059-4321'				32,000 gals 20% HCL acid			
4059-4321'				54,000 gals 40# gel			
4059-4321'				5000 gals 15% HCL			
33. PRODUCTION							
DATE FIRST PRODUCTION 6/24/00		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 16' HVR				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 6/29/00		HOURS TESTED 24		CHOKE SIZE		PROD'N FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL-BBL.	
122		153		433		1255	
GAS-MCF.		WATER-BBL.		GAS-OIL RATIO			
153		433		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

by certify that the foregoing and attached information is correct.

Wm D Cart TITLE _____

Production Analyst

DATE **7/26/00**

***(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 a false statement, or to make any materially false statement in any matter within the jurisdiction of such department or agency.

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.
Empire Yeso	4004	4322	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	1706	
San Andreas	2430	
Glorietta	3926	