

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Oil Cons. OR APPROVED
N.M. DIV. DIST. 2
OMB NO. 1004-0137
E.O. 12812, December 31, 1991

c151

1301 W. Grand Avenue
Artesia, NM 88210

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. Gold Star Federal #5	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-015-31703	
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 700 FNL & 500 FEL At top prod. interval reported below 998 1000 At total depth 980 FNL & 990 FEL						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 SPUNDED 6/8/01		16. DATE T.D. REACHED 6/20/01		17. DATE COMPL. (Ready to prod.) 7/02/01		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3638 RKB	
19. ELEV. CASING HEAD 3626		20. TOTAL DEPTH, MD & TVD 4426		21. PLUG, BACK T.D., MD & TVD 4377		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)* 3927.5-4230 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, K-55		48		333		17 1/2	
8 5/8, J-55		24		894		12 1/4	
5 1/2, J-55		17		4392		7 7/8	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED					
325 sx		None					
475 sx		None					
725 sx		None					
29. LINER RECORD				30. TUBING RECORD			
SIZE		T O P (MD)		BOTTOM (MD)		SACKS CEMENT	
2 7/8		4287					
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
3927.5-4230', 0.41, 101 GARY GOURLEY PETROLEUM ENGINEER				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				3927.5-4230'		2500 gals 15% NE acid	
				3927.5-4230'		32,000 gals 20% NE acid	
				3927.5-4230'		54,000 gals 40# gel	
				3927.5-4230'		5000 gals 15% acid	
33. DATE FIRST PRODUCTION 7/5/01				PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Reda pump			
WELL STATUS (Producing or shut-in) Producing							
DATE OF TEST 7/12/01		HOURS TESTED 24		CHOKE SIZE		PROD'N FOR TEST PERIOD	
96		140		465		1458	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL-BBL.	
96		140		465		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 Cesar D. Cortez TITLE Production Analyst DATE 7/27/01

*(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, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS.DEPTH	TRUE VERT.DEPTH
Empire Yeso	3872	4231		Queen	1600	
				San Andreas	2288	
				Glorietta	3804	

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