

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Oil Cons.
N.M. Div. Dist. 2
301 W. Grand Avenue
Artesia, NM 88210
FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991
DESIGNATION AND SERIAL NO.
LC-029342-A

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. Woolley Federal #8	
2. NAME OF OPERATOR Mack Energy Corporation				9. API WELL NO. 30-015-32194	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 248-1288				10. FIELD AND POOL, OR WILDCAT Loco Hills Paddock	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1550 FSL & 1650 FWL - ARTESIA At top prod. interval reported below At total depth				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 21 T17S R30E	
14. PERMIT NO.				DATE ISSUED	12. COUNTY OR PARISH Eddy
15. DATE SPURRED 3/5/02		16. DATE T.D. REACHED 3/17/02	17. DATE COMPL. (Ready to prod.) 3/29/02	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3653' RKB	19. ELEV. CASING HEAD 3640'
20. TOTAL DEPTH, MD & TVD 4966'		21. PLUG, BACK T.D., MD & TVD 4949'	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)* 4521.5'-4765' 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	428'	17 1/2	450 sx	None
8 5/8 J-55	24	1187'	12 1/4	575 sx	None
5 1/2 J-55	17	4961'	7 7/8	1010 sx	None
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	
30. TUBING RECORD				SIZE	DEPTH SET (MD)
				2 7/8	4791'
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
ACCEPTED FOR RECORD MAY 24 2002 LES BABYAK PETROLEUM ENGINEER 4521.5'-4765', .44, 64				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				4521.5'-4765'	2500 gals 15% NEFE acid
				4521.5'-4765'	32000 gals 20% HCL
				4521.5'-4765'	54000 gals 40# gel
				4521.5'-4765'	5000 15% HCL acid
33. PRODUCTION					
DATE FIRST PRODUCTION 4/4/02		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2x2x20' Pump			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 4/11/02	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. 189	GAS-MCF. 219
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 189	GAS-MCF. 219	WATER - BBL. 189
					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 <u>Curtis D. Cat</u>		TITLE <u>Production Analyst</u>		DATE <u>5/22/02</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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Loco Hills Paddock	4511	4765	

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RECEIVED

BUREAU OF LAND MGMT
ROSWELL OFFICE

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	1262	
Seven Rivers	1586	
Queen	2228	
San Andres	2976	
Glorietta	4446	

