

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

SUBMIT IN DUPLICATE\*  
\*See other in-  
struction on  
reverse side)

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

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG*</b>						5. LEASE DESIGNATION AND SERIAL NO. <b>LC-029509A</b>
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/>						7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR <b>Mack Energy Corporation</b>						8. FARM OR LEASE NAME, WELL NO. <b>MC Federal #1</b>
3. ADDRESS AND TELEPHONE NO. <b>P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288</b>						9. API WELL NO. <b>30-025-34647</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>2275 FNL &amp; 1268 FWL</b> At top prod. interval reported below <b>2305' N &amp; 1094' W</b> At total depth <b>2306' N &amp; 1096' W</b> <b>2275 FNL &amp; 1268 FWL</b>						10. FIELD AND POOL, OR WILDCAT <b>Wildcat Mckee</b>
14. PERMIT NO. _____ DATE ISSUED _____						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>Sec 22-T17S-R32E</b>
12. COUNTY OR PARISH <b>Lea</b>		13. STATE <b>NM</b>				
15. DATE SPUNDED <b>6/16/1999</b>	16. DATE T.D. REACHED <b>8/20/1999</b>	17. DATE COMPL. (Ready to prod.) <b>10/11/1999</b>	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>4030 RKB</b>	19. ELEV. CASING HEAD <b>4006</b>		
20. TOTAL DEPTH, MD & TVD <b>14912</b>		21. PLUG, BACK T.D., MD & TVD <b>14844</b>	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS <b>Yes</b>	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* <b>14805-14821 Mckee Sand</b>					25. WAS DIRECTIONAL SURVEY MADE <b>Yes</b>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray</b>					27. WAS WELL CORED <b>No</b>	
<b>28. CASING RECORD (Report all strings set in well)</b>						
CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED	
<b>13 3/8 H-40</b>	<b>48</b>	<b>675</b>	<b>17 1/2</b>	<b>Circ, 525sx</b>	<b>None</b>	
<b>9 5/8 J-55</b>	<b>40</b>	<b>4657</b>	<b>12 1/4</b>	<b>Circ, 1100sx</b>	<b>None</b>	
<b>7 P-110</b>	<b>29</b>	<b>14909</b>	<b>8 3/4</b>	<b>705', 2840sx</b>	<b>None</b>	
<b>29. LINER RECORD</b>						
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	TUBING RECORD	
					30. <b>SIZE: 2 7/8</b> <b>DEPTH SET (MD): 14716</b> <b>PACKER SET (MD): 14726</b>	
31. PERFORATION RECORD (Interval, size and number) <b>14805-14821, 1/2, 75</b>				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC DEPTH INTERVAL (MD)      AMOUNT AND KIND OF MATERIAL USED <b>14805-14821      1000 gals 7.5% NE acid</b> <b>14805-14821      20000 gal gell &amp; 40000# sand</b>		
<b>33. PRODUCTION</b>						
DATE FIRST PRODUCTION <b>10/15/1999</b>		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <b>Flowing</b>			WELL STATUS (Producing or shut-in) <b>Producing</b>	
DATE OF TEST <b>10/18/1999</b>	HOURS TESTED <b>24</b>	CHOKE SIZE <b>12/64</b>	PROD'N FOR TEST PERIOD	OIL-BBL. <b>33</b>	GAS-MCF. <b>1700</b>	
WATER-BBL. <b>3</b>	GAS-OIL RATIO <b>51515</b>					
FLOW. TUBING PRESS. <b>500</b>	CASING PRESSURE <b>0</b>	CALCULATED 24-HOUR RATE	OIL-BBL. <b>33</b>	GAS-MCF. <b>1700</b>	WATER - BBL. <b>3</b>	
OIL GRAVITY - API (CORR.) <b>56</b>						
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>Sold</b>						
35. LIST OF ATTACHMENTS						
<b>ACCEPTED FOR RECORD</b> (ORIG. SGD.) DAVID R. GLASS <b>NOV 2 1999</b>						
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						
SIGNED <u>Curtis D. Carter</u>		TITLE <u>Production Foreman</u>		DATE <u>10/28/99</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.

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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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
McKee	14805	14821		Yates	2132	
				Seven Rivers	2489	
				Queen	3080	
				San Andres	3855	
				Glorietta	5369	
				Tubb	6840	
				Abo	7540	
				Wolfcamp	9051	
				Cisco	10100	
				Strawn	11365	
				Atoka	11600	
				Morrow	11970	
				Mississippian	12420	
				Woodford	13370	
Devonian	13484					
Fusselman	14025					
Montoya	14525					
Simpson	14713					

