

Submit to: Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-105
Revised 1-1-89

WELL API NO.
30-015-30729

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E-4201

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____

b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____

2. Name of Operator
Mack Energy Corporation

3. Address of Operator
P.O. Box 960, Artesia, NM 88211-0960

4. Well Location
Unit Letter P : 990 Feet From The South Line and 990 Feet From The East Line
Section 19 Township 17S Range 29E NMPM Eddy, NM County

10. Date Spudded 11/29/99 11. Date TD Reached 12/9/99 12. Date Compl. (Ready to Prod.) 12/20/99 13. Elevations (DF & RKB, RT, GR, etc.) 3676 14. Elev. Casinghead 3664

15. Total Depth 4225 16. Plug Back TD 4205 17. If Multiple Compl. How Many Zones? _____ 18. Intervals Drilled By _____ Rotary Tools Yes Cable Tools _____

19. Producing Interval(s), of this completion - Top, Bottom, Name
3853.5-4123.5 Paddock

20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run
Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray

22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8, K-55	54	348	17 1/2	350 sx	
8 5/8 J-55	24	857	12 1/4	425 sx	
5 1/2 J-55	15.5	4218	7 7/8	725 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8	3815

26. Perforation record (interval, size, and number) 3853.5-4123.5, 1/2, 41 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3853.5-4123.5	2500 gals 15% Acid
	3853.5-4123.5	32,000 gals 20% HCL acid
	3853.5-4123.5	54,000 gals 40# gel

28. **PRODUCTION**

Date First Production 12/29/99 Production Method (Flowing, gas lift, pumping - Size and type pump) submersible Well Status (Prod. or Shut-in) Producing

Date of Test <u>1/5/2000</u>	Hours Tested <u>24</u>	Choke Size <u>None</u>	Prod'n For Test Period	Oil - Bbl. <u>55</u>	Gas - MCF <u>65</u>	Water- Bbl. <u>440</u>	Gas - Oil Ratio <u>1181</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. <u>55</u>	Gas - MCF <u>65</u>	Water- Bbl. <u>440</u>	Oil Gravity - API - (Corr.) <u>38</u>	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
sold

Test Witnessed By _____

30. List Attachments

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Crissa D. Carter Printed Name Crissa D. Carter Title Production Analyst Date 01/17/2000

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Empire Yeso	3810	4120		Queen	1621	
				San Andres	2300	
				Glorietta	3738	

38. GEOLOGIC MARKERS