

to appropriate
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

Revised 1-1-89

WELL API NO.
30-015-30591

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
VB-71

7. Lease Name or Unit Agreement Name
Pawnee State

8. Well No.
1

9. Pool name or Wildcat
Loco Hills Paddock

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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 G : 2185 Feet From The North Line and 1600 Feet From The East Line
Section 16 Township 17S Range 30E NMPM Eddy, NM County

10. Date Spudded 11/24/00 11. Date TD Reached 12/3/00 12. Date Compl. (Ready to Prod.) 12/16/00 13. Elevations (DF & RKB, RT, GR, etc.) 3688 RKB 14. Elev. Casinghead 3676

15. Total Depth 4860 16. Plug Back TD 4832 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
4334.5-4721' 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	48	421	17 1/2	450 sx	
8 5/8 J-55	24	1230	12 1/4	550 sx	
5 1/2 J-55	17	4845	7 7/8	845 sx	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	4756	

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
4334.5-4721', .41, 75				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
				4334.5-4721'	2500 gals 15% NEFE acid
				4334.5-4721'	32,000 gals 20% acid, 54,000 gals 40# gel
				4334.5-4721'	5000 gals 15% HCL

PRODUCTION

28. Date First Production 12/21/00 Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 2 x 20' RHBC HVR PAP BNC Well Status (Prod. or Shut-in) Producing

Date of Test 1/8/01 Hours Tested 24 Choke Size None Prod'n For Test Period _____ Oil - Bbl. 80 Gas - MCF 95 Water- Bbl. 455 Gas - Oil Ratio 1187

Flow Tubing Press. _____ Casing Pressure _____ Calculated 24-Hour Rate 80 Oil - Bbl. 95 Gas - MCF 455 Water- Bbl. 38 Oil Gravity - API - (Corr.) _____

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 1/11/01

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Loco Hills Paddock	4349	4722		Queen	2092	
				San Andreas	2807	
				Glorietta	4274	

38. GEOLOGIC MARKERS