

Submit to Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies  
**DISTRICT I**  
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
 Enc Minerals and Natural Resources Department.

Form C-105  
 Revised 1-1-89  
 C/S F  
 B/W M  
 S/L W

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

**DISTRICT II**  
 811 South First, Artesia, NM 88210

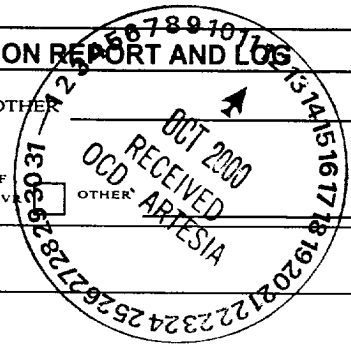
**DISTRICT III**  
 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.  
 30-015-31018

5. Indicate Type of Lease  
 STATE  FEE

6. State Oil & Gas Lease No.  
 B-1483

**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 RESV  OTHER

7. Lease Name or Unit Agreement Name  
 Imperial State

2. Name of Operator  
 Mack Energy Corporation

8. Well No.  
 3

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

9. Pool name or Wildcat  
 Loco Hills Paddock

4. Well Location  
 Unit Letter J : 1775 Feet From The South Line and 1650 Feet From The East Line  
 Section 16 Township 17S Range 30E NMPM Eddy, NM County

10. Date Spudded 9/17/00 11. Date TD Reached 9/28/00 12. Date Compl. (Ready to Prod.) 10/9/00 13. Elevations (DF & RKB, RT, GR, etc.) 3677 RKB 14. Elev. Casinghead 3675

15. Total Depth 4945 16. Plug Back TD 4927 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  
4350.5-4725, 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

23. **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	471	17 1/2	450 sx	
8 5/8 K-55	24	1212	12 1/4	550 sx	
5 1/2 J-55	17	4940	7 7/8	1105 sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	4745	

26. Perforation record (interval, size, and number) <u>4350.5-4725, .41, 93</u>	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4350.5-4725	32,000 gals 20% HCL acid
	4350.5-4725	54,000 gals 40# gel
	4350.5-4725	5000 gals 15% HCL

28. **PRODUCTION**

Date First Production 10/18/00 Production Method (*Flowing, gas lift, pumping - Size and type pump*) 2 1/2 x 2 x 20' HVR Well Status (*Prod. or Shut-in*) Producing

Date of Test <u>10/20/00</u>	Hours Tested <u>24</u>	Choke Size <u>None</u>	Prod'n For Test Period	Oil - Bbl. <u>74</u>	Gas - MCF <u>110</u>	Water- Bbl. <u>465</u>	Gas - Oil Ratio <u>1486</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. <u>74</u>	Gas - MCF <u>110</u>	Water- Bbl. <u>465</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 10/26/00

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.	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
Loco Hills Paddock	4346	4726			
				Queen	2100
				San Andreas	2822
				Glorietta	4287

38. GEOLOGIC MARKERS