

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.
30-015-31348

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
VB-492

7. Lease Name or Unit Agreement Name
White Oak State

8. Well No.
6

9. Pool name or Wildcat
Empire Yeso

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 B : 790 Feet From The North Line and 1650 Feet From The East Line
Section 23 Township 17S Range 28E NMPM Eddy County

10. Date Spudded 11/21/01 11. Date TD Reached 12/6/01 12. Date Compl. (Ready to Prod.) 1/18/01 13. Elevations (DF & RKB, RT, GR, etc.) 3651 RKB 14. Elev. Casinghead 3645

15. Total Depth 4020 16. Plug Back TD 4007 17. If Multiple Compl. How Many Zones? 1 18. Intervals Drilled By Rotary Tools Yes Yes Cable Tools Yes

19. Producing Interval(s), of this completion - Top, Bottom, Name 3667.5-3947 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
8 5/8	32	332	12 1/4	350 sx	None
4 1/2	11.6	4020	7 7/8	1400 sx	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	3966	

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
3667.5-3947 .41, 73				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
				3667.5-3947	2500 gals 15% NE Acid
				3667.5-3947	32000 gals 20% NE Acid, 54000 gals gell
				3667.5-3947	5000 cold 15% HCL Acid

28. **PRODUCTION**

Date First Production 4/13/01 Production Method (Flowing, gas lift, pumping - Size and type pump) 2 x 1 1/2 x 8' RWTC w/Monel BBL Well Status (Prod. or Shut-in) Producing

Date of Test 4/14/01 Hours Tested 24 Choke Size 26 Prod'n For Test Period 26 Oil - Bbl. 40 Gas - MCF 225 Water- Bbl. 1538 Gas - Oil Ratio 1538

Flow Tubing Press. 26 Casing Pressure 40 Calculated 24-Hour Rate 225 Oil Gravity - API - (Corr.) 38

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By Robert C. Chase

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 4/19/01

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 630	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 883	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1446	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2187	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 3575	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology