

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.
30-015-31108

5. Indicate Type of Lease
STATE ☒ FEE ☐

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

7. Lease Name or Unit Agreement Name
State S-19

8. Well No.
10

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. RESER. ☐ 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 O : 828 Feet From The South Line and 2310 Feet From The East Line
Section 19 Township 17S Range 29E NMPM Eddy, NM County

10. Date Spudded 8/3/00 11. Date TD Reached 8/14/00 12. Date Compl. (Ready to Prod.) 8/29/00 13. Elevations (DF & RKB, RT, GR, etc.) 3664 RKB 14. Elev. Casinghead 3652

15. Total Depth 4440 16. Plug Back TD 4234 17. If Multiple Compl. How Many Zones? 1 18. Intervals Drilled By Rotary Tools Yes ☒ Cable Tools ☐

19. Producing Interval(s), of this completion - Top, Bottom, Name
3803-4105 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	375	17 1/2	375 sx	
8 5/8 J-55	24	826	12 1/4	425 sx	
5 1/2 J-55	17	4245	7 7/8	955 sx	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	4122	

26. Perforation record (interval, size, and number) 3803-4105', .41, 78	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3803-4105'	2500 gals 15% NE acid
	3803-4105'	32,000 gals 20% HCL acid
	3803-4105'	54,000 gals 40# gel, 5000 gals 15% Acid

28. **PRODUCTION**

Date First Production 9/6/00 Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 2 x 16' RHBC HVR PAP BNC Well Status (Prod. or Shut-in) Producing

Date of Test <u>9/12/00</u>	Hours Tested <u>24</u>	Choke Size	Prod'n For Test Period	Oil - Bbl. <u>110</u>	Gas - MCF <u>194</u>	Water- Bbl. <u>433</u>	Gas - Oil Ratio <u>1763</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. <u>110</u>	Gas - MCF <u>194</u>	Water- Bbl. <u>433</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 9/26/00

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 _____ 746	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1010	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1588	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2268	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 3714	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. Permian _____	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