

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

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

WELL API NO.
30-015-30727

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E-742

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

7. Lease Name or Unit Agreement Name
Mesquite State

8. Well No.
5

9. Pool name or Wildcat
East Empire Yeso

4. Well Location
Unit Letter K : 1650 Feet From The South Line and 2310 Feet From The West Line
Section 20 Township 17S Range 29E NMPM Eddy, NM County

10. Date Spudded 11/16/99	11. Date TD Reached 11/28/99	12. Date Compl. (Ready to Prod.) 12/10/99	13. Elevations (DF & RKB, RT, GR, etc.) 3633	14. Elev. Casinghead 3621
15. Total Depth 4320	16. Plug Back TD 4301	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 3877.5-4159.5 Paddock				20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Platform Express, Dual Lateralog, NGT				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	54.5	363	17 1/2	350 sx	
8 5/8 K-55	24	823	12 1/4	425 sx	
5 1/2 J-55	15.5	4313	7 7/8	770 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8	3827

26. Perforation record (interval, size, and number)
3877.5-4159.5, 1/2, 74

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3877.5-4159.5	2500 gals 15% NEFE acid
3877.5-4159.5	32,000 gals 20% HCL acid
3877.5-4159.5	54,000 gals 40# gel

28. **PRODUCTION**

Date First Production 12/15/99	Production Method (Flowing, gas lift, pumping - Size and type pump) submersible	Well Status (Prod. or Shut-in) Producing					
Date of Test 12/20/99	Hours Tested 24	Choke Size None	Prod'n For Test Period	Oil - Bbl. 56	Gas - MCF 70	Water- Bbl. 325	Gas - Oil Ratio 1260
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 56	Gas - MCF 70	Water- Bbl. 325	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 1/26/2000

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 STATI

Southeastern New Mexico Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 422	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 779	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 818	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1069	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1652	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2310	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 3780	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