

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
E & S, 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.
30-015-30037

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 ☐

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.
1

9. Pool name or Wildcat
East Empire Yeso

4. Well Location
Unit Letter L : 1650 Feet From The South Line and 330 Feet From The West Line
Section 20 Township 17S Range 29E NMPM Eddy County

10. Date Spudded 8/9/1999	11. Date TD Reached 8/22/1999	12. Date Compl. (Ready to Prod.) 9/7/1999	13. Elevations (DF & RKB, RT, GR, etc.) 3658	14. Elev. Casinghead 3646 GR
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15. Total Depth 4218	16. Plug Back TD 4187	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools Yes	Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name
3874-4156.5, Paddock

20. Was Directional Survey Made
Yes

21. Type Electric and Other Logs Run
CSNG, DSN, SDL, GR, DLL, MSFL

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	145	17 1/2	125	
8 5/8, K-55	24	807	12 1/4	425	
5 1/2 J-55	15.5	4211	7 7/8	1010	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	4181	

26. Perforation record (interval, size, and number)
3874-4156.5, .41, 69

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3874-4156.5	2500 gals 15% NE acid
3874-4156.5	32,000 gals 20% NE acid

PRODUCTION

Date First Production 9/10/1999		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2 X 1 1/2 X 10 HVR PAP				Well Status (Prod. or Shut-in) Prod	
Date of Test 9/18/1999	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 52	Gas - MCF 62	Water - Bbl. 289	Gas - Oil Ratio 1192
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 52	Gas - MCF 62	Water - Bbl. 289	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 9/21/1999

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 GEOGRAPHIC AL 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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 2076	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2779	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 4206	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.3,from.....	to.....
No. 2, 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