

Submit 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.
30-015-31503

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

4. Well Location
Unit Letter K : 2250 Feet From The South Line and 1233 Feet From The West Line
Section 19 Township 17S Range 29E NMPM Eddy, NM County

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

8. Well No.
17

9. Pool name or Wildcat
Empire Yeso

10. Date Spudded
3/28/01

11. Date TD Reached
4/4/01

12. Date Compl. (Ready to Prod.)
4/25/01

13. Elevations (DF & RKB, RT, GR, etc.)
3687 RKB

14. Elev. Casinghead
3674

15. Total Depth
4245

16. Plug Back TD
4223

17. If Multiple Compl. How Many Zones?
1

18. Intervals Drilled By
Rotary Tools
Yes

19. Producing Interval(s), of this completion - Top, Bottom, Name
3834-4111.5 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
8 5/8 K-55	24	332'	12 1/4	300sx	
5 1/2 J-55	17	4237'	7 7/8	1085sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 7/8	4122'	

26. Perforation record (interval, size, and number) 3834-4111.5', .41, 88	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3834-4111.5'	2500 gals 15% NE Acid
	3834-4111.5'	32000 gals 20% NE Acid, 54000 gals gell
	3834-4111.5'	5000 gals 15% NE acid

28. **PRODUCTION**

Date First Production
5/7/01

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
5/11/01

Hours Tested
24

Choke Size
None

Prod'n For Test Period

Oil - Bbl.
75

Gas - MCF
114

Water- Bbl.
405

Gas - Oil Ratio
1520

Flow Tubing Press.

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.
75

Gas - MCF
114

Water- Bbl.
405

Oil Gravity - API - (Corr.)
38

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 Jerry W. Sherrell Printed Name Jerry W. Sherrell Title Production Clerk Date 5/31/01

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 _____ 770	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1027	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1600	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2291	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 3728	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