

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. **30-015-32226**

5. Indicate Type of Lease
STATE ☒ FEE ☐

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

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 **I** : **1650** Feet From The **South** Line and **840** Feet From The **East** Line
Section **19** Township **17S** Range **29E** NMPM **Eddy, NM** County

10. Date Spudded **5/25/02** 11. Date TD Reached **6/3/02** 12. Date Compl. (Ready to Prod.) **6/14/02** 13. Elevations (DF & RKB, RT, GR, etc.) **3673' RKB** 14. Elev. Casinghead **3660'**

15. Total Depth **4430'** 16. Plug Back TD **4385'** 17. If Multiple Compl. How Many Zones? **1** 18. Intervals Drilled By **Rotary Tools** **Yes** Cable Tools **Yes**

19. Producing Interval(s), of this completion - Top, Bottom, Name
3843-4169' 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	48	336'	17 1/2	325 sx	None
8 5/8	24	815'	12 1/4	475 sx	None
5 1/2	17	4399'	7 7/8	960 sx	None

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8	4192'

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3843-4169', .43, 83		3843-4169'	2000 gals 15% NEFE Acid
		3843-4169'	32000 gals 20% HCL, 54000 gals 40# gel
		3843-4169'	5000 gals 15% acid

28. **PRODUCTION**

Date First Production **6/19/02** Production Method (Flowing, gas lift, pumping - Size and type pump) **2 1/2x2x16' Pump** Well Status (Prod. or Shut-in) **Producing**

Date of Test **6/27/02** Hours Tested **24 hours** Choke Size **100** Prod'n For Test Period **100** Oil - Bbl. **166** Gas - MCF **150** Water- Bbl. **1660** Gas - Oil Ratio **38**

Flow Tubing Press. **100** Casing Pressure **166** Calculated 24-Hour Rate **150** Oil - Bbl. **38** Gas - MCF **166** Water- Bbl. **150** 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
Deviation Survey, Logs

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 **7/31/02**

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 780	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 1046	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 1624	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 2300	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta 3738	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