

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.
30-015-32583

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
V-6248

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 36 Township 17S Range 31E NMPM Eddy County

10. Date Spudded 1/11/2003 11. Date TD Reached 2/3/2003 12. Date Compl. (Ready to Prod.) 2/21/2003 13. Elevations (DF & RKB, RT, GR, etc.) 3843' RKB 14. Elev. Casinghead 3834'

15. Total Depth 5650' 16. Plug Back TD 5625' 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

4406-4517.5' GB/SA

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 ☒

23.

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	783'	17 1/2	700 sx	None
8 5/8	32	2221'	12 1/4	900 sx	None
5 1/2	17	5639'	7 7/8	1250 sx	None

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	4538'	

26. Perforation record (interval, size, and number)

4406-4517.5', .45, 25

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4406-4517.5'	2000 gals 15% NEFE Acid
4406-4517.5'	192,780# 16/30 sand
4406-4517.5'	143,717 gals 40# gel

28.

PRODUCTION

Date First Production <u>2/22/2003</u>	Production Method (Flowing, gas lift, pumping - Size and type pump) <u>2 1/2x2x20' Pump</u>					Well Status (Prod. or Shut-in) <u>Producing</u>	
Date of Test <u>2/26/2003</u>	Hours Tested <u>24 hours</u>	Choke Size	Prod'n For Test Period	Oil - Bbl. <u>58</u>	Gas - MCF <u>95</u>	Water- Bbl. <u>600</u>	Gas - Oil Ratio <u>1638</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. <u>58</u>	Gas - MCF <u>95</u>	Water- Bbl. <u>600</u>	Oil Gravity - API - (Corr.) <u>39</u>	

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

3/26/2003

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 _____ 2262	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2690	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3342	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3746	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4284	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	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

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370
(505) 746-4405 746-3518 748-2205

February 6, 2003

Mack Energy Corporation
PO Drawer 960
Artesia, NM 88211-0960

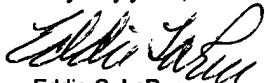
RE: Coyote State #3Y
1650' FSL & 840' FEL
Sec. 36, T17S, R31E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

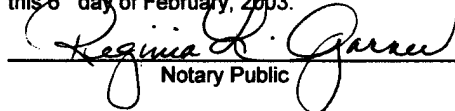
DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION
176'	1/4°	2550'	1 3/4°	4349'	2 1/2°
362'	3/4°	2706'	1 3/4°	4447'	3°
576'	3/4°	2862'	1 3/4°	4536'	2 3/4°
706'	1/2°	3017'	2°	4662'	2 3/4°
795'	3/4°	3233'	2 3/4°	4755'	3°
889'	3/4°	3420'	3°	4845'	2 3/4°
1074'	3/4°	3542'	3°	4947'	3°
1385'	1 1/4°	3636'	3 1/4°	5013'	3°
1540'	1 1/4°	3730'	3 1/4°	5097'	3°
1727'	1°	3776'	3 1/2°	5188'	3°
1943'	1°	3883'	3 3/4°	5280'	3 1/4°
2170'	1 1/2°	3977'	3 1/2°	5402'	2 3/4°
2190'	1 3/4°	4070'	3 1/4°	5504'	2 3/4°
2239'	1 3/4°	4163'	3°	5650'	2 3/4°
2404'	1 1/4°	4256'	3 1/4°		

Very truly yours,


Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 6th day of February, 2003.


Regina L. Garner
Notary Public



RECEIVED

FEB 20 2003

