

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 87412

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

WELL API NO.

30-015-32534

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 J : 1650 Feet From The South Line and 2310 Feet From The East Line

Section 36 Township 17S Range 31E NMPM Eddy County

10. Date Spudded

12/20/2002

11. Date TD Reached

1/4/2003

12. Date Compl. (Ready to Prod.)

2/4/2003

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

3834' RKB

14. Elev. Casinghead

3825'

15. Total Depth

4660'

16. Plug Back TD

4643'

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

4321-4559' 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	803'	17 1/2	650 sx	None
8 5/8	32	2189'	12 1/4	900 sx	None
5 1/2	17	4657'	7 7/8	1030 sx	None

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	4572'	

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

4321-4559', .45, 31

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4321-4559'	2000 gals 15% NEFE Acid
4321-4559'	222,520# 16/30 sand
4321-4559'	148,932 gals 40# gel

28.

PRODUCTION

Date First Production 2/6/2003		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2x2x24' Pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 2/13/2003	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 44	Gas - MCF 55	Water- Bbl. 700	Gas - Oil Ratio 1250
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water- Bbl.	Oil Gravity - API - (Corr.) 39	

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

3/3/2003

an 20 days after the complet
ity logs run on the well and
pths. In the case of directio
9 shall be reported for each
re required. See Rule 1105.

0

Southeastern New Mexico Northwestern New Mexico

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

[illegible][illegible]

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

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

January 9, 2003

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

RE: Coyote State #2
1650' FSL & 2310' 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
329'	1°	3471'	4°
808'	1 1/4°	3539'	4°
1297'	1 1/2°	3602'	3 3/4°
1785'	1 1/4°	3663'	4°
2011'	1 1/2°	3776'	4°
2334'	2 1/4°	3796'	4°
2428'	2°	3828'	4°
2576'	2 1/4°	3881'	4°
2732'	2 1/2°	4006'	4°
2919'	3°	4098'	4°
3012'	3°	4158'	3 1/2°
3106'	3°	4281'	3 1/4°
3208'	3 1/4°	4413'	3°
3271'	3 1/2°	4532'	3 1/4°
3333'	3 1/4°	4660'	3 1/4°

Very truly yours,

Eddie C. LaRue
Vice President

RECEIVED

STATE OF NEW MEXICO }
COUNTY OF EDDY }

JAN 10 2003

The foregoing was acknowledged before me
this 9th day of January, 2003.

Notary Public

