

Appropriate
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.

30-015-33521

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-5700

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 ☐

RECEIVED

7. Lease Name or Unit Agreement Name

Copperhead State Com

2. Name of Operator
Mack Energy Corporation

MAY 20 2005

8. Well No.

1

3. Address of Operator

P.O. Box 960, Artesia, NM 88211-0960

OCU-ARTESIA

9. Pool name or Wildcat

Antelope Sink; Upper Penn

4. Well Location

Unit Letter **D** : **660** Feet From The **North** Line and **660** Feet From The **West** Line

Section **34** Township **19S** Range **23E** NMPM **Eddy** County

10. Date Spudded

12/15/2004

11. Date TD Reached

1/4/2005

12. Date Compl. (Ready to Prod.)

1/24/2005

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

3999' RKB

14. Elev. Casinghead

3982'

15. Total Depth

6935

16. Plug Back TD

6915

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

5987.5-6223.5', Penn

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
8 5/8	32	1547	12 1/4	980 sx	None
5 1/2	17	6928	7 7/8	755 sx	None

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	5950	5950

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

5987.5-6223.5', .45, 92

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

5987.5-6223.5'

2500 gals 15% NEFE Acid

5987.5-6223.5'

80,000 gals 15% HCL

5987.5-6223.5'

167 tons CO2

28.

PRODUCTION

Date First Production

4/21/2005

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod. or Shut-in)

Producing

Date of Test

5/2/2005

Hours Tested

24 hours

Choke Size

Prod'n For
Test Period

Oil - Bbl.

0

Gas - MCF

210

Water - Bbl.

0

Gas - Oil Ratio

Flow Tubing Press.

Casing Pressure

Calculated 24-
Hour Rate

0

Oil - Bbl.

Gas - MCF

210

Water - Bbl.

0

Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Robert C. Chase

30. List Attachments

Deviation Survey and 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

Jerry W. Sherrell

Printed
Name

Jerry W. Sherrell

Title

Production Clerk

Date

5/19/2005

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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 1550	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 2880	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 3520	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 5044	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 5986	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

OPERATOR
WELL/LEASE
COUNTY

MACK ENERGY
COPPERHEAD STATE COM #1
EDDY, NM

RECEIVED

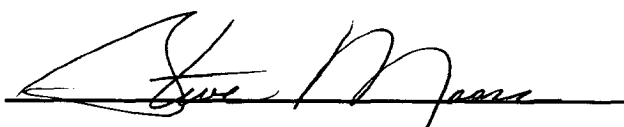
141-0033

JAN 19 2005

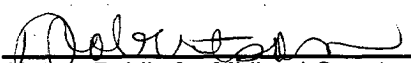
STATE OF NEW MEXICO
DEVIATION REPORT

357	1
687	1
1021	1
1388	1/4
1809	1/2
2124	1 1/4
2410	3/4
2725	1
3038	3/4
3321	3/4
3889	1
4173	1
4392	1 1/4
4518	1 1/2
4666	1
4958	1
5144	1
5329	1
5701	1 1/2
6078	1 1/4
6295	1
6480	1
6909	1 1/2

STATE OF TEXAS
COUNTY OF MIDLAND

BY: 

The foregoing instrument was acknowledged before me on January 17, 2005, by Steve Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.


Notary Public for Midland County, Texas
My Commission Expires: 8/23/07

