

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.

30-015-33520

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil &amp; Gas Lease No.

V-5699

## 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

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 : 1980 Feet From The South Line and 1980 Feet From The East LineSection 33 Township 19S Range 23E NMPM Eddy County

10. Date Spudded

12/16/2004

11. Date TD Reached

1/8/2005

12. Date Compl. (Ready to Prod.)

2/1/2005

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

4030' RKB

14. Elev. Casinghead

4014'

15. Total Depth

6930

16. Plug Back TD

6907

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

5917-6270.5', 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	24	1535	12 1/4	980 sx	None
5 1/2	17	6920	7 7/8	650 sx	None

24.

## LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

## 25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	5870	5870

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

5917-6270.5', .45, 106

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5917-6270.5'	2500 gals 15% NEFE Acid
5917-6270.5'	80,000 gals 15% HCL
5917-6270.5'	167 tons CO2

28.

## PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
4/21/2005		Flowing				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water- Bbl.	Gas - Oil Ratio
5/2/2005	24 hours			0	12	0	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water- Bbl.	Oil Gravity - API - (Corr.)	
		0		12	0		

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

Sold

Test Witnessed By

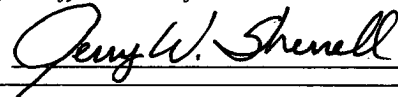
Robert C. Chase

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



Printed Name

Jerry W. Sherrell

Title

Production Clerk

Date 5/20/2005

## 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 _____	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 _____ 1544	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 2884	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 3530	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 5044	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____ 5882	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



# Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors  
PO Box 1370 Artesia, NM 88211-1370  
505/746-6651 746-3518 fax 748-2205

January 12, 2005

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

RE: Viper State Cm #1  
1980' FSL & 1980' FEL  
Sec. 33, T19S, R23E  
Eddy County, New Mexico


Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
279'	1°	3629'	1/2°
566'	1 1/4°	4110'	1 1/4°
772'	1°	4476'	1°
1017'	1 1/4°	4760'	1°
1424'	1°	5250'	1 1/2°
1636'	3/4°	5748'	1 1/4°
2103'	1°	6245'	1°
2597'	1 1/4°	6581'	1 1/4°
2794'	1°	6930'	1 1/4°
3162'	1/2°		

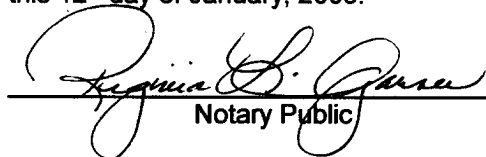
RECEIVED  
MAY 24 2005  
OCC-ARTESIA

Very truly yours,

  
Eddie C. LaRue  
Vice President

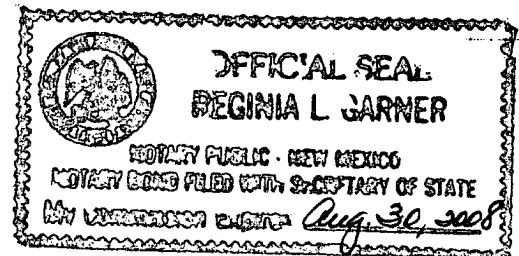
STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
this 12<sup>th</sup> day of January, 2005.

  
Notary Public

RECEIVED

JAN 13 2005



04-1305

*Serving Southeast New Mexico and West Texas Since 1974*