

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

5

WELL API NO.

30-015-32503

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-6501

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 C : 660 Feet From The North Line and 1980 Feet From The West Line

Section 8 Township 19S Range 23E NMPM Eddy County

10. Date Spudded

11/21/2002

11. Date TD Reached

12/23/2002

12. Date Compl. (Ready to Prod.)

1/13/2003

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

4023' RKB

14. Elev. Casinghead

4011'

15. Total Depth

7795'

16. Plug Back TD

7757'

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

7604-7621' Morrow

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	154'	17 1/2	325 sx	None
8 5/8	24	1614'	12 1/4	1900 sx	None
4 1/2	11.6	7770'	7 7/8	2110 sx	None

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	7553'	7553'

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

7604-7621', .45, 69

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7604-7621'	2000 gals 10% HCL, 20,000 SCF Nitrogen
7604-7621'	14,994 gals 40# gel, 51,625# sand
7604-7621'	425,000 SCF Nitrogen, 98 tons CO2

28.

PRODUCTION

Date First Production 2/15/2003	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 3/11/2003	Hours Tested 24 hours	Choke Size 10/64	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 480	Water- Bbl. 3
Flow Tubing Press. 540#	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 480	Water- Bbl. 3	Oil Gravity - API - (Corr.) N/A

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

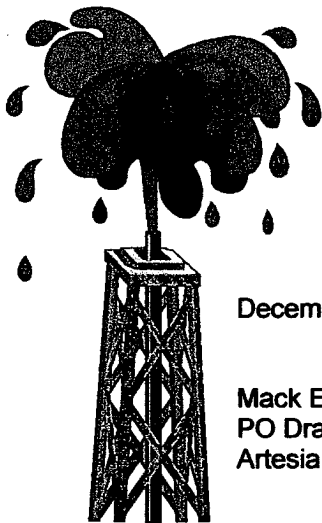
Crissa D. Carter

Title

Production Analyst

Date

3/27/2003



Artesia Fishing Tool Co., Inc.

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

December 30, 2002

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

RE: Tiger State #1
660' FNL & 1980' FWL
Sec. 8, T19S, R23E
Eddy County, New Mexico

Gentlemen:

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

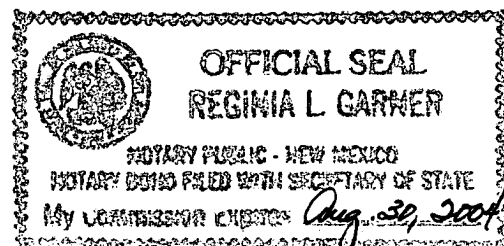
DEPTH	DEVIATION	DEPTH	DEVIATION
205'	1/4°	4485'	3/4°
440'	1/2°	4945'	3/4°
656'	1°	5420'	1 1/4°
1319'	1 1/2°	5861'	3/4°
1774'	1 3/4°	6312'	1 3/4°
2112'	1/2°	6778'	1/4°
2608'	1/4°	7238'	1°
3085'	3/4°	7320'	1 1/4°
3554'	1 1/4°	7795'	1 3/4°
4040'	3/4°		

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO
COUNTY OF EDDY

The foregoing was acknowledged before me
this 30th day of December, 2002.

Notary Public



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

GEOLOGICAL TOPS

Mack Energy Corporation

Tiger State #1

Unit C, Sec. 8, T-19-S R-23-E

660' FNL & 1980 FWL (G.L.-4011'; K.B.-4023')

Eddy Co., N.M.

30-015-32503

Geological Tops per/Bryan G. Arrant-OCD

Glorieta	1395'
Tubb	2794'
Abo	3406'
Wolfcamp	4450'
Wolfcamp Limestone	4505'
Upper Pennsylvanian	6266'
Strawn	6916'
Atoka	7154'
Morrow	7482'

