

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

Form C-105  
Revised 1-1-89

DEC 2006  
Received  
Hobbs  
OCD

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

WELL API NO.

30-025-36370

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

OG-1999

### 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 ☐

Recompletion

7. Lease Name or Unit Agreement Name

Lea KG State

2. Name of Operator

Mack Energy Corporation

3. Address of Operator

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

8. Well No.

9

9. Pool name or Wildcat

Vacuum Grayburg San Andres

4. Well Location

Unit Letter I : 1395 Feet From The South Line and 1255 Feet From The East Line

Section 35 Township 17S Range 33E NMPM Lea County

10. Date Spudded

12/22/2003

11. Date TD Reached

2/27/2004

12. Date Compl. (Ready to Prod.)

10/24/06

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

4144' RKB

14. Elev. Casinghead

4120'

15. Total Depth

13,820

16. Plug Back TD

5215

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

4520.5-4766.5', GB/SA

20. Was Directional Survey Made

N/A

21. Type Electric and Other Logs Run

N/A

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"	42	568	17 1/2	600 sx	None
9 5/8"	40	5499	12 1/4	2675 sx	None
5 1/2"	17	5,300-11,416	8 3/4	1775 sx	5,300

24.

### LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

### TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	4796	

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

4520.5-4766.5', .42, 50

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4520.5-4766.5'	3000 gals 15% NE
4520.5-4766.5'	8032# LiteProp, 88,900# 16/30 sand
4520.5-4766.5'	91,534 gals gel

28.

### PRODUCTION

Date First Production 11/1/06		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 2 x 24' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 11/27/06	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 52	Gas - MCF 99	Water - Bbl. 188	Gas - Oil Ratio 1903
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 52	Gas - MCF 99	Water - Bbl. 188	Oil Gravity - API - (Corr.)	

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

Sold

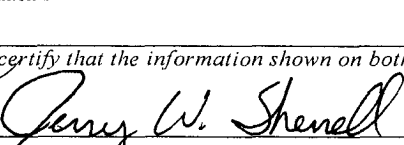
Test Witnessed By

Robert C. Chase

30. List Attachments

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

12/27/06

1

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 _____ 2886	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3277	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3888	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4264	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4636	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