

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

WELL API NO.

30-015-33519

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil & Gas Lease No.

VA-2121

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

Cobra State

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

OOD-ARTESIA

9. Pool name or Wildcat

Antelope Sink; Upper Penn

4. Well Location

Unit Letter J : 1980 Feet From The South Line and 1980 Feet From The East LineSection 27 Township 19S Range 23E NMPM Eddy County

10. Date Spudded

11/21/2004

11. Date TD Reached

12/10/2004

12. Date Compl. (Ready to Prod.)

1/19/2005

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

3965' RKB

14. Elev. Casinghead

3949'

15. Total Depth

7045

16. Plug Back TD

7011

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

6062.5-6313.5', 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	1532	12 1/4	980 sx	None
5 1/2	17	6982	7 7/8	560 sx	None

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	6005	6005

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

6062.5-6313.5', .45, 88

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6062.5-6313.5'	2100 gals 15% NEFE Acid
6062.5-6313.5'	40,000 gals 15% HCL
6062.5-6313.5'	147 tons CO2

28.

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
4/22/2005		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			1	513	1	513,000
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
			1	513	1		

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

Sold

Test Witnessed By

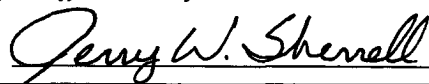
Robert C. Chase

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

5/19/2005

1000 1000

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 _____ 1534	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 2904	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 3534	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 5034	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 5952	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.....

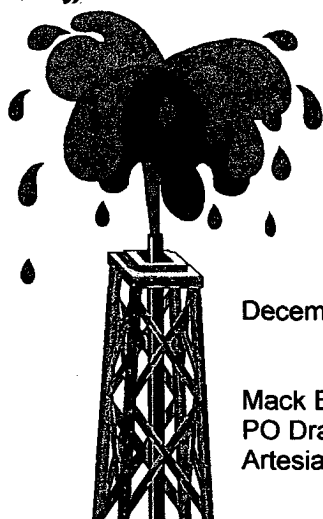
IMPORTANT WATER SANDS

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



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 17, 2004

RECEIVED

DEC 20 2004

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

RE: Cobra State #1
1980' FSL & 1980' FEL
Sec. 27, T19S, R23E
Eddy County, New Mexico

Gentlemen:

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

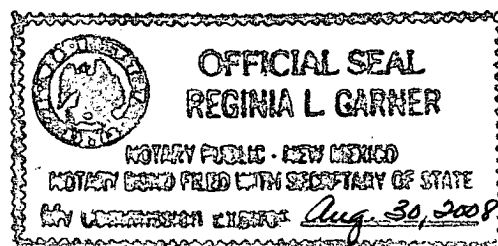
DEPTH	DEVIATION	DEPTH	DEVIATION
230'	1°	4028'	1/4°
400'	1 1/4°	4563'	1/2°
583'	3/4°	5062'	1°
1079'	1°	5563'	1 1/4°
1500'	3/4°	6031'	3°
2104'	1°	6121'	2 1/2°
2600'	1/2°	6246'	2°
3097'	1°	6498'	2°
3599'	1/2°	7045'	2°

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 17th day of December, 2004.

Notary Public

04-1303

Serving Southeast New Mexico and West Texas Since 1974