

Submit To Appropriate District Office  
Two Copies  
District I  
1625 N French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S St Francis Dr., Santa Fe, NM 87505

HOBBS OGD  
JUL 20 2012  
RECEIVED

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
July 17, 2008

1. WELL API NO.  
30-025-37581

2. Type of Lease  
☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No  
B-10784

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:  
☒ COMPLETION REPORT (Fill in boxes # 1 through #31 for State and Fee wells only)  
☐ C-144 CLOSURE ATTACHMENT (Fill in boxes # 1 through #9, # 15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name  
Raven State

6. Well Number:  
2

7. Type of Completion  
☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☒ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator  
Mack Energy Corporation

9. OGRID  
013837

10. Address of Operator  
P.O. Box 960 Artesia, NM 88210

11. Pool name or Wildcat  
Wildcat; Delaware

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	9	18S	34E		990	North	1650	East	Lea
BH:										

13. Date Spudded  
6/7/2012

14. Date T.D. Reached  
6/7/2012

15. Date Rig Released  
6/15/2012

16. Date Completed (Ready to Produce)  
6/15/2012

17. Elevations (DF and RKB, RT, GR, etc.)  
4047' GR

18. Total Measured Depth of Well  
5860'

19. Plug Back Measured Depth  
5843'

20. Was Directional Survey Made?  
Yes

Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray

22. Producing Interval(s), of this completion - Top, Bottom, Name  
5605-5618' Wildcat; Delaware, 4929-5265' Vacuum Grayburg; San Andres

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, J-55	48#	1795	12 1/4"	800sx	None
5 1/2, J-55	17#	5854	7 7/8"	1400sx	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACK CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8 "	5628'	

26. Perforation record (interval, size, and number)  
5605-5618', .41, 26 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL  
5605-5618'  
AMOUNT AND KIND MATERIAL USED  
See C-103 for details

28. PRODUCTION

Date First Production  
6/16/2012

Production Method (Flowing, gas lift, pumping - Size and type pump)  
2 1/2 x 2 x 20' pump

Well Status (Prod or Shut-in)  
Producing

Date of Test 7/3/2012	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl 8	Gas - MCF 10	Water - Bbl 72	Gas - Oil Ratio 1250
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl 8	Gas - MCF 10	Water - Bbl 72	Oil Gravity - API - (Corr) 36.200	

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

30. Test Witnessed By  
Robert C. Chase

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of temporary pit

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude  
Longitude  
NAD 1927 1983

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 7-19-2012

E-mail Address jerrys@nec.com

1. *Phragmites australis* (Cav.) Trin. ex Steud.

## GRAPHICAL

OIL OR GAS  
SANDS OR ZONES

## IMPORTANT WATER SANDS

No. 1, from ..... to ..... feet  
 No. 2, from ..... to ..... feet  
 No. 3, from ..... to ..... feet

(Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology