

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM89882

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
MACK ENERGY CORPORATION Contact: ROBERT CHASE  
E-Mail: JERRYS@MEC.COM

8. Lease Name and Well No.  
RAZORBACK FEDERAL 7

3. Address P.O. BOX 960  
ARTESIA, NM 88210

3a. Phone No. (include area code)  
Ph: 575-748-1288

9. API Well No.  
30-015-41098 **S2**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SENW 1372FNL 1331FWL

At top prod interval reported below SENW <sup>1723</sup>1372FNL <sup>1710</sup>4334FWL

At total depth SENW <sup>1723</sup>1372FNL <sup>1710</sup>4334FWL

10. Field and Pool, or Exploratory  
GRAYBURG

11. Sec., T., R., M., or Block and Survey  
or Area Sec 3 T18S R31E Mer

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
04/14/2014

15. Date T.D. Reached  
04/29/2014

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
04/29/2014

17. Elevations (DF, KB, RT, GL)\*  
3749 GL

18. Total Depth: MD 5607  
TVD

19. Plug Back T.D.: MD 5552  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CNL, DLL, FDC, GR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	790		675		0	0
12.250	8.625 J55	24.0	0	2065		1075		0	0
7.875	5.500 L80	17.0	0	5607		920		0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4137							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GRAYBURG	3867	4128	4082 TO 4128	0.420	50	OPEN
B)			3867 TO 3907	0.420	50	OPEN
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
3867 TO 4082	SEE 3160-5 FOR DETAILS

NM OIL CONSERVATION  
ARTESIA DISTRICT  
SEP 22 2014

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/05/2014	06/16/2014	24	→	18.0	20.0	460.0	39.7	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	18	20	460	1111	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #250337 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

BUREAU OF LAND MANAGEMENT  
ARTESIA FIELD OFFICE

RECEIVED  
ACCEPTED FOR RECORD  
SEP 17 2014  
*[Signature]*

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

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

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GRAYBURG	3867	4128	DOLOMITE, OIL/GAS	RUSTLER	738
GRAYBURG	4080	4096	SAND, OIL/GAS	TOP SALT	840
GRAYBURG	4111	4130	SAND, OIL/GAS	BASE SALT	2028
SAN ANDRES	5328	5346	DOLOMITE, OIL/GAS	YATES	2072
				SEVENRIVERS	2516
				QUEEN	3264
				GRAYBURG	3726
				SAN ANDRES	4278

32. Additional remarks (include plugging procedure):  
FORMATION MARKERS:

WATER: LOG DOESN'T GO HIGH ENOUGH

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #250337 Verified by the BLM Well Information System.  
For MACK ENERGY CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by DUNCAN WHITLOCK on 06/24/2014 ()

Name(please print) DEANA WEAVER

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 06/20/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***