

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. 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 Contact: ROBERT CHASE E-Mail: JERRYS@MEC.COM  
 3. Address: ARTESIA, NM 88211-0960 3a. Phone No. (include area code) Ph: 575-748-1288

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
 At surface Lot 4 330FNL 330FWL  
 At top prod interval reported below Lot 4 330FNL 330FWL  
 At total depth Lot 4 330FNL 330FWL

14. Date Spudded: 09/13/2012 15. Date T.D. Reached: 09/21/2012  
 16. Date Completed: 11/19/2012  D & A  Ready to Prod.

6. If Indian, Allottee or Tribe Name: \_\_\_\_\_  
 7. Unit or CA Agreement Name and No.: \_\_\_\_\_  
 8. Lease Name and Well No.: RAZORBACK FEDERAL 2.  
 9. API Well No.: 30-015-40639-00-X1  
 10. Field and Pool, or Exploratory TAMANO  
 11. Sec., T., R., M., or Block and Survey or Area Sec 3 T18S R31E Mer NMP  
 12. County or Parish EDDY 13. State NM  
 17. Elevations (DF, KB, RT, GL)\* 3752 GL

18. Total Depth: MD 5524 TVD 19. Plug Back T.D.: MD 5484 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMARAY NEUTRON DENSITY LATERALOG SPECGAMMARAY  
 22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)

**RECEIVED**  
 DEC 31 2012  
 NM OGD ARTESIA

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 H-40	48.0	0	795		754		0	0
12.250	8.625 J-55	32.0	0	2036		1075		0	0
7.875	5.500 L-80	17.0	0	5524		1003		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		4267						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	4185	4226	4185 TO 4226	0.420	40	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4226	111 bbls linear, 3335 bbls 20# Borate, 224597# White sand 16/30, 42137# Super LC 16/30
4185 TO 4226	47 bbls 15% acid

RECLAMATION  
DUE 5-19-13

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
11/21/2012	12/05/2012	24	→	35.0	64.0	575.0	38.0	0.60	ELECTRIC PUMPING UNIT

Choke Size: SI Tbg. Press. SI Csg. Press. 24 Hr. Rate → Oil BBL 35 Gas MCF 64 Water BBL 575 Gas:Oil Ratio 1828 Well Status 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: SI Tbg. Press. 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 #163603 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* BLM REVISED \*\*

BUREAU OF LAND MANAGEMENT  
CAPISPAD FIELD OFFICE

*JM*

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
SAN ANDRES	4185	4226		RUSTLER	705
				YATES	2018
				SEVEN RIVERS	2443
				QUEEN	3118
				GRAYBURG	3534

32. Additional remarks (include plugging procedure):

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 #163603 Verified by the BLM Well Information System.  
For MACK ENERGY CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 12/13/2012 (13KMS4153SE)**

Name (please print) DEANA WEAVER Title PRODUCTON CLERK

Signature (Electronic Submission) Date 12/13/2012

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.

**\*\* REVISED \*\* REVISED \*\***