

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD Hobbs  
HOLBBSFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

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**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. RANGERS FEDERAL 1
2. Name of Operator MACK ENERGY CORPORATION		9. API Well No. 30-025-40180-00-S1
3a. Address ARTESIA, NM 88211-0960		10. Field and Pool, or Exploratory YOUNG Bone Spring N
3b. Phone No. (include area code) Ph: 575-748-1288 Fx: 575-746-9539		11. County or Parish, and State LEA COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T18S R32E NWNW 990FNL 990FWL		

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

8/3/2012 PERFORATED 9175.5-939.5 W/ 46 HOLES. ACIDIZED W/ 1900 GALS 15% HCL.  
1/2/2013 SET CIBP @ 9100' W/ 35' CMT CAP. PERFORATED 8684-8778' W/ 32 HOLES.  
1/3/2013 ACIDIZED W/ 57 BBLS 15% ACID.  
1/14/2013 FRAC W/ 23.8 BBLS 15% ACID, 183 BBLS LINEAR GEL, 2,462 BBLS 20# BORATE, 129,489# WHITESAND 20/40, 35,529# SUPER LC 20/40. SET PLUG @ 8590'. PERFORATE 8531-8573', 36 HOLES. FRAC W/ 86 BBLS 15% ACID, 384 BBLS LINEAR GEL, 2,199 BBLS 20# BORATE, 119,436# WHITESAND 20/40, 26,267# SUPER LC 20/40. SET PLUG @ 8410'. PERFORATE 8238-8371' W/ 40 HOLES. FRAC W/ 60.3 BBLS 15% ACID, 409 BBLS LINEAR GEL, 2,202 BBLS 20# BORATE, 125,984# WHITESAND 20/40, 25,504# SUPER LC 20/40.  
1/18/2013 RIH W/ 273JTS 2 7/8 L-80 '5# TUBING @ 8796', 2 1/2 X 2 X 24' PUMP.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #198880 verified by the BLM Well Information System For MACK ENERGY CORPORATION, sent to the Hobbs Committed to AFMSS for processing by DEBORAH MCKINNEY on 02/25/2013 (13DLM0963SE)</b>	
Name (Printed/Typed) DEANA WEAVER	Title PRODUCTION CLERK
Signature (Electronic Submission)	Date 02/13/2013

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	JAMES A AMOS Title SUPERVISORY EPS	Date 03/16/2013
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Hobbs

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.

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

K2 Petroleum Engineer

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