

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA  
JUN 30 2009

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

RM

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

5 Lease Serial No  
NMNM-109644

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1 Type of Well

☒ Oil Well

☐ Gas Well

☐ Other

2 Name of Operator

Mack Energy Corporation

3a. Address

P.O. Box 960 Artesia, NM 88210-0960

3b. Phone No. (include area code)

(575) 748-1288

4 Location of Well (Footage, Sec., T,R,M, or Survey Description)

355 FNL & 330 FEL, Sec. 20 T16S R29E

7. If Unit of CA/Agreement, Name and/or No

8 Well Name and No  
Vikings Federal Com #1

9 API Well No  
30-015-36781

10 Field and Pool or Exploratory Area

County Line Tank; Abo

11. Country or Parish, State

Eddy, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Mack Energy Corporation proposes to change the casing strings as follows:

Surface casing: Drill 12 1/4 hole, set 8 5/8 J-55 24# ST&C set at 380', cmt w/400sx Class C. Safety factors C/B/T 7.376/5.763/5.9.  
Production casing: Drill a 7 7/8 pilot hole to 7300', log well. Set cement plug back to KOP of approximately 6450'. Drill 7 7/8 hole to 6800', reduce hole size to 6 1/8" to 11,470'. A split string using a crossover of production casing will be run. 5 1/2" casing from 0-6200' with a external casing packer and ported collar at 6100' to cement 5 1/2 casing back to surface w/715sx 50/50/10 Class C + add, wt 11.8, yld 2.45 175sx 61/15/11 Class Poz + add, wt 13.2, yld 1.64 100sx Class C + add, wt 14.8, yld 1.33. 4 1/2 casing from 6200-11,470' with isolation packers and strata ports.

Safety Factors: 5 1/2 17# HCP-110 LT&C C/B/T 2.554/3.349/3.547.  
4 1/2 11.6# HCP-110 Buttress C/B/T 3.504/3.593/3.563.

*Withdrawn - replaced by  
Sundry dated 6/17/09  
Weakby diagram  
6/27/09*

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)

Jerry W. Sherrell

Title Production Clerk

Signature

*Jerry W. Sherrell*

Date 6/1/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for my 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.

(Instructions on page 2)

*MR*