

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA
MAR 05 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.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5 Lease Serial No NMLC-062996B
1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6 If Indian, Allottee or Tribe Name
2 Name of Operator Mack Energy Corporation		7 If Unit of CA/Agreement, Name and/or No
3a Address P.O. Box 960 Artesia, NM 88210-0960	3b. Phone No. (include area code) (575) 748-1288	8. Well Name and No Cowboys Federal #1
4 Location of Well (Footage, Sec., T,R,M, or Survey Description) 355 FNL & 330 FEL, Sec. 17 T16S R29E		9 API Well No 30-015-36526
		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.
Optional Intermediate casing: If hole problems occur 7" J-55 LT&C 23# Set @ 5400', cmt w/850sx Class C. Safety factors C/B/T 1.142/14.533/14.533.
Production casing: No changes.

Eliminated per operator

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14 I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Jerry W. Sherrell		Title Production Clerk
Signature <i>Jerry W. Sherrell</i>		Date 2/13/09
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	<div style="border: 2px solid black; padding: 5px; text-align: center;"> APPROVED MAR 3 2009 <i>Wesley W. Ingram</i> WESLEY W. INGRAM </div>
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.		

[Handwritten signature]

**Cowboys Federal 1
30-015-36526
Mack Energy Corporation
March 3, 2009
Conditions of Approval**

- 1. The BOP/BOPE will be tested to full pressure by an independent tester. No variance on test pressure.**
- 2. SINCE THE CONTINGENCY CASING HAS BEEN ELIMINATED, THE CEMENTING PROGRAM ON THE PRODUCTION CASING MAY REQUIRE MODIFICATION. IF LOST CIRCULATION OCCURS WHILE DRILLING THE 7-7/8" HOLE, CONTACT THE BLM WITH REGARDS TO USING A SECOND DV TOOL IN THE PRODUCTION CASING ABOVE THE LOST CIRCULATION ZONE TO MEET THE REQUIREMENT OF CEMENT COMING TO SURFACE.**
- 3. Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Abo formation, and shall be used until production casing is run and cemented.**
- 4. See previous sundry notes about additional cement requirement, pilot hole requirements and ported collar setting depth.**

WWI 030309