

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

DEC 11 2008

OCD-ARTESIA

FORM APPROVED  
Budget Bureau No 1004-0135  
Expires March 31, 1993  
5 Lease Designation and Serial No  
NMLC-062996B  
6 Indian, Allottee or Tribe Name

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

## SUBMIT IN TRIPLICATE

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator

Mack Energy Corporation

3 Address and Telephone No

P.O. Box 960 Artesia, NM 88211-0960

(505)748-1288

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

355 FNL &amp; 330 FEL, Sec. 17 T16S R29E

7 If Unit or CA, Agreement Designation

8 Well Name and No

Cowboys Federal #1

9 API Well No

30-015-36526

10 Field and Pool, or Exploratory Area

County Line Tank; Abo

11 County or Parish, State

Eddy, NM

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

## TYPE OF SUBMISSION

- ☒
- Notice of Intent
- 
- ☐
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

## TYPE OF ACTION

- ☐
- Abandonment
- 
- ☐
- Recompletion
- 
- ☐
- Plugging Back
- 
- ☐
- Casing Repair
- 
- ☐
- Altering Casing
- 
- ☒
- Other
- Name Change
- 
- ☒
- Change of Plans
- 
- ☐
- New Construction
- 
- ☐
- Non-Routine Fracturing
- 
- ☐
- Water Shut-Off
- 
- ☐
- Conversion to Injection
- 
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)\*

Mack Energy Corporation proposes to change the hole size and casing strings as follows.

Surface casing: No changes.

Intermediate casing: Drill 12 1/4 hole, set 8 5/8 J-55 32# ST&C set at 1800', cmt w/650sx Class C. Safety factors C/B/T 2.676/8.010/7.860.  
Production casing: Drill a 7 7/8 pilot hole to 7300', log well. Set cement plug back to KOP of approximately 6550'. Drill 7 7/8 hole to 6800', reduce hole size to 6 1/8" to 11,430'. A split string 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. 4 1/2 casing from 6200-11,430' with isolation packers and strata ports.

Safety Factors: 5 1/2 17# HCP-110 LT&amp;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.

ACCEPTED FOR RECORD

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

DEC 12 2008

Gerry Guye, Deputy Field Inspector  
NMOCD-District II ARTESIA

14 I hereby certify that the foregoing is true and correct

Signed

Gerry W. Sherrill

Title

Production Clerk

(This space for Federal or State office use)

Approved by

Conditions of approval, if any

Title

APPROVED

Date 12/4/08

DEC 10 2008

Date

WESLEY W. INGRAM  
REGULATORY ENGINEER

Title 18 U S C Section 1001, makes 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

**Cowboys Federal 1  
30-015-36526  
Mack Energy Corporation  
December 10, 2008  
Conditions of Approval**

- 1. Pilot hole plug required from bottom of hole to KOP as described in sundry.**
- 2. Production casing cement to circulate to surface from 6200'. Operator indicated 850 sacks, but no yield – used yield from APD. Additional cement will probably be required since excess cement calculated to less than 5%. If cement does not circulate to surface on the 5-1/2" casing, contact the BLM.**
- 3. Ported collar is to be set a minimum of 50' below the top of the Abo formation.**

**WWI 121008**