

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA
FEB - 3 2009

FORM APPROVED
Budget Bureau No 1004-0135
Expires March 31, 1993



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 (575)748-1288

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

965 FSL & 330 FWL, Sec. 8 T16S R29E

5 Lease Designation and Serial No

NMLC-068677

6 If Indian, Allottee or Tribe Name

7 If Unit or CA, Agreement Designation

8 Well Name and No

Giants Federal Com #2

9 API Well No

30-015-36431

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

☐ 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: Drill 14 3/4 hole, set 9 5/8 J-55 36# ST&C set at 380', cmt w/400sx Class C. Safety factors C/B/T 10.875/6.877/7.040.
Optional Intermediate casing: If hole problems occur 7" J-55 LT&C 23# Set @ 2300', cmt w/700sx Class C. Safety factors C/B/T 2/707/15.137/14.533

Production casing: Drill a 8 3/4 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 11,370'. 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 6200-11,370' 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.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

**Accepted for record
NMOCD**

14 I hereby certify that the foregoing is true and correct

Signed Jerry W. Shevill

Title Production Clerk

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any

Title _____

APPROVED
Date 1/28/09

JAN 30 2009

**WESLEY W. INGRAM
PETROLEUM 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

**Giants Federal Com 2
30-015-36431
Mack Energy Corporation
January 30, 2009
Conditions of Approval**

- 1. If hole problems do occur while drilling the 8-3/4" hole, the 7" casing is to be set at approximately 1800' in the Tansill formation or the top of the Queen as that is an acceptable competent bed.**
- 2. If the 7" casing is not run and 75% or greater lost circulation occurs while drilling the pilot hole, contact BLM to prior to cementing the production casing.**
- 3. Pilot plug as noted is to go from bottom hole to kick off point.**
- 4. Per Mack Energy Corporation, the ported collar is approximately 78' below the top of the Abo formation. This will be verified with the logs run to 7300'. The ported collar must be a minimum of 50' below the top of the Abo formation.**
- 5. If cement does not circulate to surface on the 5 -1/2" casing, contact the BLM.**

WWI 013009