

UNITED STATES **CD-ARTESIA**  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**RECEIVED**  
MAR 28 2012  
NMOC-ARTESIA  
SUBMIT IN TRIPLICATE - Other instructions on page 2.

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Use this form for proposals to drill or to re-enter and abandoned well. Use Form 3160-3 (APD) for such proposals*

5. Lease Serial No.

**NMLC-0029395B**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

**LEE FEDERAL #41 <308720>**

9. API Well No.

**30-025-39611**

10. Field and Pool or Exploratory Area

**CEDAR LAKE; GLORIETA-YESO <96831>**

11. County or Parish, State

**EDDY COUNTY, NM**

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

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☒ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other \_\_\_\_\_

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 directional or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attached 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 recompletion 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.

**Bond No: BLM-CO-1463**

**Approval Subject to General Requirements  
& Special Stipulations Attached**

**Apache proposes to change cmt program to the following:**

*approximately 375' per telecan with operator on 3/22/2012.*

**13-3/8" Surface set csg to 310' (\*\*100% excess cmt to surf\*\*), cmt with:**

**Lead: 325 sx Class C w/ 1% CaCl<sub>2</sub> + 0.25% R38 (14.8 wt, 1.34 yld) Comp Strengths: 12 hr—1232 psi 24 hr—1651 psi**

**8-5/8" Intermediate set csg to 1450' (\*\*100% excess cmt to surf\*\*), cmt with:**

**Lead: 310 sx Class C w/ 4% Bentonite + 2% CaCl<sub>2</sub> + 0.25% R38 (13.5 wt, 1.75 yld) Comp Strengths: 12 hr—580 psi 24 hr—811 psi**

**Tail: 150 sx Class C w/ 0.25% R38 (14.8 wt, 1.33 yld) Comp Strengths: 12 hr—1161 psi 24 hr—1556 psi**

*operator to maintain 100% excess in design for surface casing.*

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed) **SORINA L. FLORES**

Title **SUPV OF DRILLING SERVICES**

Signature

*Sorina L. Flores*

Date **3/7/12**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

**APPROVED**

**MAR 22 2012**

**BUREAU OF LAND MANAGEMENT**

**CARLSBAD FIELD OFFICE**

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.

Title

Office

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.

(Instructions on page 2)

**Accepted for record**

**NMOC**

*3/22/2012*

5-1/2" Production set csg to 6500' (DV/Post tool set at ~3500', if DV/Post is to be moved cmt will be adjusted( TOC: 500')cmt:

1<sup>st</sup> Stage Lead: 625 sx Class C 50/50 Poz w/ 2% Bentonite + 0.3% C-15 + 0.25% R38 + 5% Salt (14.2 wt, 1.30 yld)

Comp Strengths: **12 hr**—792 psi **24 hr**—1105 psi \*\*\*50% excess cmt\*\*\*

2<sup>nd</sup> Stage Lead: 450 sx Class C 35/65 Poz w/ 6% Bentonite + 0.25% R38 + 5% Salt (12.8 wt, 1.90 yld)

Comp Strengths: **12 hr**—448 psi **24 hr**—776 psi

2<sup>nd</sup> Stage Tail: 150 sx Class C 50/50 Poz w/ 2% Bentonite + 0.3% C-15 + 0.25% R38 + 5% Salt (14.2 wt, 1.30 yld)

Comp Strengths: **12 hr**—601 psi **24 hr**—756 psi \*\*\*100% excess cmt\*\*\*