

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter and Abandoned well. Use Form 3160-3 (APD) for such proposals**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

5. Lease Serial No.

NMLC-029395B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

LEE FEDERAL #51 <308720>

9. API Well No.

30-015-40034

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

☐ Water Shut-Off☐ Well Integrity☒ Other**DRILLING OPS:****CASING & CEMENT****REPORT, REVISED**☐ 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

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

3/28/2013 – SPUD**3/29/2013 - 13.375" Surface, 17.5" Hole, 48# ST&C H-40 csg @ 295'. Cmt with:**

Lead: 200 sx Phixatropic (14.6 wt, 1.53 yld)

Tail: 460 sx Class C (14.8 wt, 1.34 yld)

Compressive Strengths : 12 hr – 813 psi 24 hr – 1205 psi ***333 sx cmt to surface**

Surface Csg Pressure Test: 1200 psi/30 min - OK

ACCEPTED FOR RECORD**RECEIVED****AUG 07 2013****BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

REPORT CONTINUED ON PAGE 2.

**Accepted for record
4/2/2013 NMOCD 8/7/2013****NMOCD ARTESIA**

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

Name (Printed/Typed)

VICKI BROWN

Title

DRILLING TECH

Signature

Vicki Brown

Date

7/15/2013**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 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)

Lee Federal #51 - Csg & Cmt End of Well Sundry

4/3/2013 - 8.625" Intermediate, 11" Hole, 32# J-55 STC csg @ 3500'.

Drl out cmt @ 422'; Plug @ 509'; DV Tool set @ 593'

Lead: 1400 sx Class C Neat (14.8 wt, 1.32 yld)

Intermediate Csg Pressure Test: 2000 psi/30min – OK

4/6/2013 - Run bond log F/3450' - T/Surface. Perf casing @ 1350'

Lead: 700 sx CI C w/ 2% CACL (14.8 wt, 1.335 yld) no returns.

4/7/2013 - Squeeze cmt down Bradon Head –

Lead: 200 sx Class H Thixotropic (14.6 wt, 1.49 yld)

Tail: 600 sx Class C w/ 1% CACL .005% static free (14.8 wt, 1.33 yld) Circ for logs

4/10/2013 DRL F/5885' – T/6400' TD.

4/11/2013 – 5.5" Production, 7.875" Hole, 17# J-55 LTC csg @ 6400' Cmt with:

Lead: 470 sx (35:65) Poz C w/ 5% Salt, 0.25% R38, 6% Bentonite (12.6 wt, 2.1 yld)

Compressive Strengths: 12 hr – 540 psi 24 hr – 866 psi

Tail: 620 sx (50:50) Poz C w/ 5% Salt, 0.25% R38, 2% Bentonite (14.2 wt, 1.31 yld)

*Compressive Strengths: 12 hr – 1379 psi 24 psi – 2332 psi ***84 sx cmt to surface****

Production Csg Pressure Test : 2500 psi/30min – OK

4/12/2013- RR