

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM 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*

5. Lease Serial No.

NMLC-029395B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

LEE FEDERAL #048 <308720>

2. Name of Operator

APACHE CORPORATION <873>

9. API Well No.

30-015-39897

3. Address

**303 VETERANS AIRPARK LN, #3000
MIDLAND, TX 79705**

3b. Phone No. (include area Code)

432-818-1117 / 432-818-1198

10. Field and Pool or Exploratory Area

CEDAR LAKE; GLORIETA-YESO <96831>

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

1130' FSL & 330' FWL, UL:M, SEC 20, T17S, R31E

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

**DRILLING OPS: CSG
& CMT REPORT**

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 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.

Bond No: BLM-CO-1463

8/5/2012 - SPUD**8/5/2012 - 13-3/8" Surface, Hole 17.5": Run & set 13-3/8" 48# H-40 STC csg to 290'. Cmt with:**Lead: 400 sx Class C w/ 1% CaCl₂, 0.25% R38 (14.8 wt, 1.34 yld)Compressive Strengths: **12 hr – 813 psi 24 hr – 1205 psi** ***Circ 118 sx cmt to surface**8/6/2012 - Surf Csg Pressure Test: 1200 psi/30 min – OK.****RECEIVED****OCT 02 2012****NMOCD ARTESIA**

REPORT CONTINUED ON PAGE 2.

Accepted for record
NMOCD
LR Date 10/17/12

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

Name (Printed/Typed)

VICKI BROWNTitle **DRILLING TECH**

Signature

*Vicki Brown*Date **8/30/2012****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

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

ACCEPTED FOR RECORD**SEP 30 2012****BUREAU OF LAND MANAGEMENT
DEPARTMENT OF THE INTERIOR
FIELD 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 #48 – Casing and Cement Report – pg. 2

8/9/2012 - 8-5/8" Intermediate, Hole 11": Run & set 8-5/8" 32# J-55 LTC csg to 3500'. Cmt with:

Lead: 1100 sx (35:65) Poz C w/ 6% Bentonite, 5% Salt, 0.25% R38 (12.4wt, 2.1 yld)

Compressive Strengths: **12 hr** – 589 psi **24 hr** – 947 psi

Tail: 280 sx Class C w/, 0.25% R38 (14.8 wt, 1.34 yld)

Compressive Strengths: **12 hr** – 813 psi **24 hr** – 1205 psi ***Circ 187 sx cmt to surface***

8/10/2012 – Int Csg Pressure Test: 2000 psi/30 min – OK.

8/13-14/2012 – DRL F/5843' – T/6406' TD. RU SCHLUMBERGER LOGGERS.

8/14/2012 - 5-1/2" Production, Hole 7.875": Run & set 5-1/2" 17# J-55 LTC csg to 6406' (TOC: ~500') Cmt with:

Lead: 400 sx (65:35) Poz C w/ 5% Salt, 0.25% R38, 6% Bentonite (12.4 wt, 2.1 yld)

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

Tail: 560 sx (50:50) Poz C w/ 5% Salt, 0.25% R38, 2% Bentonite (14.2 wt, 1.30 yld)

Compressive Strengths: **12 hr** – 1379 psi **24 hr** – 2332 psi ***Circ 48 sx cmt to surface***

Prod Csg Pressure Test: 2500 psi/30 min – OK.

8/14/2012 - RR