

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 #46 <308720>

2. Name of Operator
APACHE CORPORATION <873>

9. API Well No.
30-015-39915

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
MarLoco; GLORIETA-YESO <97866>

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UL: 1, SEC 20, T17S, R31E, 2230' FSL & 430' FWL

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 | | | |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | DRILLING OPS: |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | CASING & CEMENT |
| | | | | 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

9/15/2012 – SPUD

A. 13-3/8" Surface, 17.5" Hole, #48 H-40, ST&C Csg @ 292' Cmt with:

Lead: 405 sx Class C w/ 1% CaCl₂, 0.25% R38 (14.8 wt, 1.34 yld)

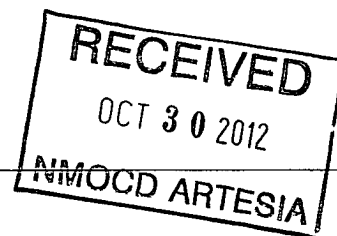
Compressive Strengths: 12 hr – 813 psi 24 hr – 1205 psi ***183 sx cmt to surface***

Surf Csg Pressure Test: 1200 psi/30 min – OK

Accepted for record
NMOCD

SRDade 10/30/12

REPORT CONTINUED ON PAGE 2.



14. I hereby certify that the foregoing is true and correct.
Name (Printed/Typed)

VICKI BROWN

Title **DRILLING TECH**

Signature

Vicki Brown

Date **10/18/2012**

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Oct 27 2012

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.

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(Instructions on page 2)

Lee Federal #46 - Csg & Cmt End of Well Sundry

9/20/2012 - 8-5/8" Intermediate, 11" Hole, 32# J-55 LT&C csg to 3520'. 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: 290 sx Class C w/, 0.25% R38 (14.8 wt, 1.34 yld)

*Compressive Strengths: 12 hr – 813 psi 24 hr – 1205 psi ***294 sx cmt to surface****

Inter Csg Pressure Test: 1500 psi/30 min – OK

9/25/2012 - Drl F/6242' – T/6415' TD. RU Schlumberger Loggers.

9/26/2012 - 5-1/2" Production. 7.875" Hole, 17# J-55 LTC csg to 6415' (TOC: ~500') Cmt with:

Lead: 410 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: 580 sx (50:50) Poz C w/ 5% Salt, 0.25% R38, 2% Bentonite (14.2 wt, 1.28 yld)

*Compressive Strengths: 12 hr – 1379 psi 24 psi – 2332 psi ***80 sx cmt to surface****

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

9/27/2012- RR