

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 #61 <308720>**

2. Name of Operator  
**APACHE CORPORATION <873>**

9. API Well No.  
**30-015-40293**

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)  
**UL: O, SEC 17, T17S, R31E, 850' FSL & 1680' FEL.**

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

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 recomplete 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**                      **1/13/2013 – SPUD**

**1/13/2013 - 13-3/8" Surface, 17.5" Hole, #48, H-40 csg set @ 325' 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 105 sx to surf  
 Surf Csg Pressure Test: 1200 psi-30 min - OK



Accepted for record  
NMOCD *RDade 4/3/13*

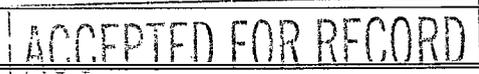
REPORT CONTINUED ON PAGE 2.

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

Title            **DRILLING TECH**

Signature *Vicki Brown*

Date            **2/28/2013**



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

Approved by

Title            \_\_\_\_\_  
Date            **MAR 31 2013**

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            \_\_\_\_\_  
BUREAU OF LAND MANAGEMENT

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)

*AW*

Lee Federal #61 - Csg & Cmt End of Well Sundry

1/18/2013 - 8-5/8" Intermediate, 11" Hole, #32, J-55 csg set @ 3504' Cmt with:

Lead: 830 sx (35:65) Poz C w/ 6% Bentonite + 5% Salt + 0.25% R38 (12.5wt, 2.1 yld)

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

Tail: 230 sx Class C w/ 0.25% R38 (14.8 wt, 1.34 yld)

*Compressive Strengths: 12 hr – 813 psi 24 hr – 1205 psi* Circ 240 sx to surf

Inter Csg Pressure Test: 2000 psi-30 min – OK

1/21/2013 - DRL F/5230' – T/6400' – TD. RU SCHLUMBERGER LOGGERS.

1/22/2013 - 5-1/2" Production, 7.875" Hole, #17, J-55 csg set @ 6400' Cmt with:

Lead: 420 sx (65:35) Poz C w/ 5% Salt + 0.25% R38 + 6% Bentonite (12.6 wt, 2 yld)

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

Tail: 540 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 hr – 2332 psi* Circ 50 bbbs cmt to surf

Prod Csg Pressure Test: 2500 psi-30 min - OK

1/23/2013 - RR