

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 #51 <308720>

2. Name of Operator
APACHE CORPORATION <873>

9. API Well No.
30-015-40034

3. Address
**303 VETERANS AIRPARK LN, #3000
MIDLAND, TX 79705**

3b. Phone No. (include area Code)
432-818-1940 / 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: L, SEC 17, T17S, R31E, 1620' FSL & 330' 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: CASING & CEMENT REPORT, REVISED	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 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**

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

AUG 4 2013

[Signature]

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

RECEIVED

AUG 07 2013

NMOCD ARTESIA

*Accepted for record
w/ date NMOCD 8/7/2013*

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 **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