

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NM OIL CONSERVATION**  
OCD DISTRICT  
ARTESIA, N.M.  
JUL 31 2014  
**RECEIVED**

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-09395b**  
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 83 <308720>**

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

9. API Well No.  
**30-015-41902**

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

3b. Phone No. (include area Code)  
**432-818-1000 / 432-818-1168**

10. Field and Pool or Exploratory Area  
**CEDAR LAKE; GLORIETA-YESO**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**LOT O, SEC 20, T17S, R31E, 865' FSL & 2125' 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 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	<u>DRILLING OPS: CASING</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>&amp; CEMENT 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 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**      2/21/2014 **SPUD**

*Accepted for record  
RD NMDCD 8-12-14*

2/21/2014      NOTIFY BLM (MICHAEL) INTENT SPUD; DRILL 51-246;

2/22/2014      NOTIFY BLM (RICHARD) INTENT RUN CSG & CMT; CIRC; DRILL 246-283; DRILL 283-405; TD; NOTIFY BLM (RICHARD) INTENT RUN CSG & CMT

SURFACE CSG 13.375, HOLE 17.5, H-40, 48# SET 405'; FC @ 364'; RAN 6 CENTRALIZERS; CIRC FOR CMT

CMT WITH: 490 SX, CLASS C (14.8 WT, 1.34 YLD); CIRC 0 CMT TO SURFACE;

WOC FOR TEMP SURVEY PER BLM; ROTARY RAN TEMP SURVEY - TOP OF CMT 80'; RAN 1" PIPE TAG AT 77';

CMT W/ 84 SX CLASS C 2% (14.8 WT, 1.34 YLD) CIR 16 SX CMT TO PIT. SURFACE CSG PRESSURE TEST: 1500 PSI/30 MIN -OK

**REPORT CONTINUED ON PAGE 2.**

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

Name (Printed/Typed)

**MICHELLE COOPER**

Title      **DRILLING TECH**

Signature

*Michelle Cooper*

Date      **5/6/2014**

**ACCEPTED FOR RECORD**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

**JUL 22 2014**

Office

**BUREAU OF LAND MANAGEMENT  
CARLSBAD 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.

**LEE FEDERAL 83 - Csg & Cmt End of Well Sundry**

**2/27/2014** DRLG F/ 3160' TO 3526' INTERMEDIATE TD; NOTIFIED BLM (TERRY) OF INTENT TO RUN CSG & CMT

INTERMEDIATE CSG 8.625, HOLE 11", J55, 32#, SET @ 3526' FC 3481.4; 29 CENTRALIZERS

CMT: 920 SX CLASS C 13.5 WT, 1.75 YLD  
450 SX CLASS C 14.8 WT, 1.34 YLD

CIRC 0 SX TO SURFACE

BARRY GREEN CONTACTED BLM (TERRY) ABOUT CMT NOT CIRC; OBTAINED VERBAL APPROVAL TO RUN TEMP SURVEY 8 HRS FROM PLUG DOWN 2/28/2014; SURVEY RESULTS REPORTED TO BLM DECISION MADE TO SQUEEZE CMT DOWN BACKSIDE & SHUTIN;

CMT: 460 SX CLASS C +1% 14.8 WT, 1.33 YLD; INTER CSG PRESSURE TEST 1500/ 30 MIN- OK

WOC PER BLM COA UNTIL CMT REACHES 500 PSI COMP STRENGTH - CLASS C + 1% CALCIUM CHLORIDE REACHES 500 PSI COMPRESSIVE STRENGTH IN 7.2 HRS PER BAKER LAB TEST # 101907607

**3/4/2014** DRLG F/ 6024' TO 6417' TD; MIRU SCHLUMBERGER WL & LOGGED OPEN HOLE

**3/5/2014** PRODUCTION CSG 5.5, HOLE 7.875, J55, 17# SET @ 6417' FC 6375.8; 53 CENTRALIZERS

CMT: 430 SX CLASS C 12.6 WT, 2.0 YLD,  
520 SX CLASS C 14.2 WT, 1.31 YLD

CIRC 163 SX; PRODUCTION CSG PRESSURE TEST 2500 PSI/ 30 MIN- OK

**3/6/2014** RIG RELEASED