

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMLC029395B

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.8. Well Name and No.
LEE FEDERAL 519. API Well No.
30-015-40034-00-X110. Field and Pool, or Exploratory
CEDAR LAKE11. County or Parish, and State
EDDY COUNTY, NM1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATION
Contact: SORINA L FLORES
E-Mail: sorina.flores@apachecorp.com3a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-818-1167
Fx: 432-818-11934. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 17 T17S R31E NWSW 1620FSL 330FWL
32.831581 N Lat, 103.898869 W Lon**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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#: BLM-CO-1463 / NMB000736

Apache Corp is currently drlg the 11" interm hole of Lee Federal #051 (API no. 30-015-40034). At a depth of 583' we encountered an 858 bbl/hr water flow, & @ 643' we lost circ. Unable to regain circ w/LCM & we have dry drilled to 3124'.

The csg point for 8-5/8" interm. csg will be 3500', & 13-3/8" surf csg is set @ 295'.

Due to the water flow & drlg fluid losses in this well, Apache Corp proposes & requests BLM approval to perform the interm cmt job as follows:

1. Run the 8-5/8" interm csg with a DVT @ approx 613' (halfway between the water flow depth of 583'

SEE ATTACHED FOR
CONDITIONS OF APPROVAL
Accepted for
NMOCD 4/5/2013

RECEIVED

APR 05 2013

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

Electronic Submission #203197 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by WESLEY INGRAM on 04/02/2013 (13WWWI0203SE)

Name (Printed/Typed) SORINA L FLORES

Title SUPV DRLG SERVICES

Signature (Electronic Submission)

Date 04/02/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By WESLEY INGRAM

Title PETROLEUM ENGINEER

Date 04/02/2013

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 Carlsbad

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #203197 that would not fit on the form

32. Additional remarks, continued

& lost circ zone at 643').

2. Set the csg slips.

3. Cmt the 1st stage w/1400sx Cl C neat cmt (14.8ppg wt, 1.33cuft/sk yld)

4. Open DVT, attempt to break circ; circ for at least 4 hrs. Observe any cmt circ off the DVT.

Check for flow or vacuum.

5. Cmt the 2nd stage w/200 sx thixotropic cmt (lead slurry, 14.6ppg wt, 1.53 cuft/sk yld) & 480 sx Cl C cmt w/ 1% CACL2 (tail slurry, 14.8 ppg wht, 1.33 cuft/sk yld). Shut in the bradenhead valve as soon as the wiper plug is down. Observe any cmt circ to surf. Leave bradenhead valve shut in for at least 6 hrs.

6. Open bradenhead valve & check for flow or vacuum.

**Lee Federal 51
30-015-40034
Apache Corporation
April 2, 2013
Conditions of Approval**

1. The minimum required fill of cement behind the **8-5/8** inch intermediate casing is:

a. First stage to DV tool:

☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

b. Second stage above DV tool:

☒ Cement to surface. If cement does not circulate see B.1.a, c-d above.

WWI 040213