

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-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 87 <308720>

2. Name of Operator
APACHE CORPORATION <873>

9. API Well No.
30-015-41842

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 M, SEC 20, T17S, R31E, 330' FSL & 990' 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	<u>DRILLING OPS: CASING</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>& 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 it has been determined that the site is ready for final inspection.

NM OIL CONSERVATION
ARTESIA DISTRICT
JUL 31 2014

Bond No: **BLM-CO-1463** 2/6/2014 **SPUD**

2/6/2014 DRILL 51-279; DRILL 279-335 (NOTIFY BLM RICHARD INTENT RUN CSG & CMT) CIRC

2/7/2014 SURFACE CSG 13.375. HOLE 17.5. H-40. 48# SET 427'. FC @ 383'; RAN 6 CENTRALIZERS; WOC

CMT WITH: LEAD 200 SX, CLASS C (14.4 WT, 1.55 YLD);
TAIL 440 SX, CLASS C (14.8 WT, 1.34 YLD)
CIRC 235 CMT TO SURFACE; TAG CMT @ 345' DRILL CMT
SURFACE CSG PRESSURE TEST: 1500 PSI/30 MIN -OK

RECEIVED
ACCEPTED FOR RECORD
JUL 22 2014
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

REPORT CONTINUED ON PAGE 2.

MSD 8-12-14
Accepted for record
NMLC

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**

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.

LEE FEDERAL 87 - Csg & Cmt End of Well Sundry

2/12/2014 DRILL 3420-3512 CSG TD; CIRC FOR CSG; NOTIFY BLM INTENT TO RUN CSG & CMT.
INTERMEDIATE CSG 8.625, HOLE 11", J55, 32#, SET @ 3512' FC 3466; 27 CENTRALIZERS; CIRC FOR CMT
CMT: 810 SX CLASS C 13.5 WT, 1.75 YLD
450 SX CLASS C 14.8 WT, 1.34 YLD

PLUG BECAME STUCK IN CEMENT HEAD WHILE STARTING DISPLACEMENT - HAD TO SHUT DOWN AND FIX PLUG AND RESTART DISPLACEMENT DISPLACED W/ 51 BFW AND HAD TO SHUT DOWN DUE TO HIGH PSI= 2979PSI DID NOT BUMP PLUG - ESTIMATED TOP OF CEMENT IN CSG 850' NO RETURNS ON DISPLACEMENT SD FLOAT HELD RDMO BAKER REMEDIAL CEMENT REQUIRED; ND ANNULAR STACK SET SLIPS CUT OFF CSG; INSTALL B SECTION START NU BOP EQUIP

DRLG CMT TO 3462' ; CIRC; TOH ; HSM- MIRU RENEGADE & RAN CBL- TOC FOUND @ 910' ; BARRY GREEN CONTACTED BLM F/ APPROVAL TO PERF CSG & CMT TO SURFACE ; PERF CSG @ 895' ;

HSM- BAKER CMT THROUGH PERFORATIONS @ 895' W/
400 SKS CLASS C + 1% CaCl MIXED @ 14.8 PPG , 1.33 YLD

& 6.34 GPS = 61 BBLS FW FOR 95 BBLS CMT, DISPLACED W/ 44 BBLS FW, CIRC 24 BBLS = 101 SKS CMT TO ROLL OFF , SHUT IN @ 18:33 2/14/14

INTERMEDIATE CSG PRESSURE TEST 1200 PSI/ 30 MIN-OK

2/19/2014 DRLG F/ 6355' TO 6397' - TD @ 03:00 2/19/14 MIRU SCHLUMBERGER WL & LOGGED OPEN HOLE

2/20/2014 PRODUCTION CSG 5.5, HOLE 7.875, J55, 17# SET @ 6397' FC 6375.8; 53 CENTRALIZERS; CIRC

CMT: 440 SX CLASS C 12.6 WT, 2.0 YLD,
520 SX CLASS C 14.2 WT, 1.31 YLD

CIRC 238 SX; PRODUCTION CSG PRESSURE TEST 2500 PSI/ 30 MIN- OK

2/20/2014 RIG RELEASED