

MAR 05 2015

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Operator Copy

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.*

RECEIVED

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 78.

1. Type of Well  
 Oil Well  Gas Well  Other

9. API Well No.  
30-015-42189

2. Name of Operator  
APACHE CORPORATION  
Contact: SANDRA J BELT  
E-Mail: sandra.belt@apachecorp.com

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

3a. Address  
303 VETERANS AIRPARK LANE  
MIDLAND, TX 79705  
3b. Phone No. (include area code)  
Ph: 432-818-1962  
Fx: 432-818-1193

11. County or Parish, and State  
EDDY COUNTY, NM

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 20 T17S R31E 2125FSL 2345FEL  
32.818646 N Lat, 103.890982 W Lon

**12. CHECK 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 Production Start-up
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 directionally or recomplete 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 recompletion 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.)

Apache Corporation wishes to report the completion of this well as follows:

5/27/14: Perforate the Lower Blinbery zone @ 5900'. 10, 28, 50, 83, 94, 6017, 44, 68, 80, 98, 6121, 48, 62, 70, 90 & 6208? 5/28/14: Acidize lower Blinbery from 5900'-6208' W/ 3397 GALS 15% HCL NEFE acid. 6/9/14: STAGE 1: RU Baker Hughes frac lower Blinbery zone @ 5900, 10, 28, 50, 83, 94, 6017, 44, 68, 80, 98, 6121, 48, 62, 70, 90 & 6208?. Pump 95,035# 16/30 Brown, 31,094# 16/30 SIBER PROP. Spot 1000 GAL 15% HCL. Stage 2: RU WL. PU RIH W/ 5 1/2 CBP & 3 1/8 Tag Guns. Set CBP @ 5,875'. Perforate the Upper Blinbery @ 5250, 80, 5306, 25, 50, 70, 96, 5417, 30, 38, 55, 74, 98, 5516, 36, 56, 73, 94, 5612, 26, 54, 80, 5718, 36, 60, 70, 90, 5810, 30 & 49?. Pump 3,570 Gal 15% HCL. 10/14: RU Baker Hughes, Frac Upper Blinbery @ 5250, 80, 5306, 25, 50, 70, 96, 5417, 30, 38, 55, 74, 98, 5516, 36, 56, 73, 94, 5612, 26, 54, 80, 5718, 36, 60, 70, 90, 5810, 30 & 49?. PUMP 207,594# 16/30 Brown, 43,974# 16/30 SIBER PROP. Spot 1008 GAL 15% HCL. RU WL. PU RIH-W/ 5 1/2

*APD 3/13/15*  
ACCEPTED FOR RECORD  
NMOCD

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

Electronic Submission #280958 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 01/16/2015

ACCEPTED FOR RECORD

Name (Printed/Typed) SANDRA J BELT

Title SR. REGULATORY ANALYST

Signature (Electronic Submission)

Date 11/20/2014

JAN 28 2015  
*Deborah Ham*  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

Approved By

Title

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #280958 that would not fit on the form**

**32. Additional remarks, continued**

CBP & 3 1/8 Tag Guns. Set CBP @ 5,230' perforate the Paddock/Glorieta @ 4718, 28, 34, 66, 76, 96, 4812, 29, 47, 70, 99, 4917, 49, 70, 5004, 28, 44, 53, 72, 91, 5104, 18, 36, 56 & 88?. Break down perfs @ 1,433#, Pump 3,738 Gals 15% HCL. RU Baker Hughes, frac the Paddock/Glorieta @ 4718, 28, 34, 66, 76, 96, 4812, 29, 47, 70, 99, 4917, 49, 70, 5004, 28, 44, 53, 72, 91, 5104, 18, 36, 56 & 88?. Pump 191,191# 16/30 Brown, 40,915# 16/30 Siber Prop.

6/11/14: Prep To DO CBPs & Circ Hole Clean To PBTD.

6/12/14: Tag sand @ 5091'. RU swivel. Break circ & wash sand. RIH w/bit & tag up on CBP @ 5230'. DO CBP. RIH w/bit & tag up on sand @ 5807'. Break circ & wash sand. Tag CBP @ 5875'. DO CBP. RIH. Tag sand @ 6242'. Break circ & wash sand to PBTD @ 6380'. Circ clean. Prep to RIH w/ prod equip.

6/13/14: RIH W/ 2-7/8" J-55 TBG. ETD @ 6312.87' RKB. SN @ 6222.85' RKB. TAC Set @ 4626.28'. Prep TO RIH W/ Pump & Rods.

6/16/14: Load Tbg & Psi Test to 500#. Clean location & RDMOSU. Build wellhead & lay flowline. SD. SI Well. SDFN. Prep to set pumping unit @ later date.

6/23/14: Set New Ampscot 640-365-168 Pumping Unit. Install electric & start production to battery.