

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## NM OIL CONSERVATION

ARTESIA DISTRICT  
OCD Artesia  
AUG 3 2015FORM 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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

|  |  |   |
|--|--|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other                   |  | 5. Lease Serial No.<br>NMLC029395B                              |
| 2. Name of Operator<br>APACHE CORPORATION  |  | 6. If Indian, Allottee or Tribe Name                            |
| 3a. Address<br>303 VETERANS AIRPARK LN<br>MIDLAND, TX 79705  |  | 7. If Unit or CA/Agreement, Name and/or No.                     |
| 3b. Phone No. (include area code)<br>Ph: 432-818-1015  |  | 8. Well Name and No.<br>LEE FEDERAL 66                          |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 20 T17S R31E NWNW 925FNL 410FWL<br>32.824740 N Lat, 103.899187 W Lon |  | 9. API Well No.<br>30-015-41110                                 |
|  |  | 10. Field and Pool, or Exploratory<br>CEDAR LAKE; GLORIETA-YESO |
|  |  | 11. County or Parish, and State<br>EDDY COUNTY, NM              |

## 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 |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | Production Start-up                       |
|   | <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 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.)

Apache completed this well as follows:

11/19/2014 MIRUSU. Log TOC @ 83'(CBL).

Stage I - Perf Lower Blinbry/Tubb @ 5605', 37', 74', 5700', 24', 50', 70', 90', 5810', 30', 50', 70', 90', 5918', 33', 67', 90', 6010', 30', 50', 74', 94', 6117', 41', 65', 86', 6210', 30', 52', &amp; 90' w/ 1 SPF, 30 holes.

11/20/2014 RIH w/ pkr &amp; tbg. Spot 688 gals acid. Acidize w/ 3108 gals 15% HCl NEFE acid.

11/21/2014 Release pkr. POOH w/ tbg &amp; pkr. ND BOP. NU FV.

12/20/2014 Frac Lower Blinbry/Tubb w/ 27,720 gals 15#, 186,270 gals 15# gel, &amp; 248,190# 16/30 sand. Spot 1050 gals 15% HCl acid.

12/21/2014 Stage II - Set CBP @ 5580'. Perf Upper Blinbry @ 5035', 72', 90', 5117', 34', 68', 83', 5205', 19', 41', 56', 69', 82', 5308', 29', 46', 70', 89', 5403', 22', 38', 72', 89', 5512', &amp;

RD 8/12/15  
Accepted for record  
NM OOD

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

Electronic Submission #294122 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 06/13/2013

Name (Printed/Typed) FATIMA VASQUEZ

Title REGULATORY ANALYST II

Signature (Electronic Submission)

Date 03/06/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

|  |  |
|--|--|
| ACCEPTED FOR RECORD                                |  |
| JUL 27 2015  |  |
| BUREAU OF LAND MANAGEMENT<br>CARLSBAD FIELD OFFICE |  |

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 #294122 that would not fit on the form

### 32. Additional remarks, continued

30' w/ 1 SPF, 25 holes. Acidize w/ 3760 gals 15% HCl acid. Frac w/ 24,948 gals 15# pad, 138,012 gals 15# gel & 206,800# 16/30 sand. Spot 1050 gals 15% HCl acid.  
Stage III - Set CBP @ 5010'. Perf Glorieta/Paddock @ 4520', 43', 64', 89', 4603', 28', 49', 66', 80', 4703', 22', 30', 49', 65', 80', 99', 4820', 32', 50', 70', 83', 4914', 31', 44', 54', & 72' w/ 1 SPF, 26 holes. Acidize w/ 3864 gals 15% HCl acid. Frac w/ 21,630 gals 15# pad, 145,572 gals 15# gel & 220,536# 16/30 sand.  
01/09/2015 Standby to remove frac tanks. MIRU PU.  
01/12/2015 NU prod spool & BOP. RIH w/ bit & tbq.  
01/13/2015 Standby due to weather.  
01/14/2015 DO CBP @ 5010' & 5580'. Wash sand to PBTD @ 6375' & circ clean.  
01/15/2015 RIH w/ 2-7/8" J-55 6.5# prod tbq. TAC @ 4458'. SN @ 6247'. ETD @ 6337'.  
01/31/2015 Set 640 pumping unit. POP.