

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

| | | |
|--|---|--|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. NMLC029435A |
| 2. Name of Operator APACHE CORPORATION Contact: SUSAN BLAKEMORE E-Mail: susan.blakemore@apachecorp.com | | 6. If Indian, Allottee or Tribe Name |
| 3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705 | 3b. Phone No. (include area code) Ph: 432-818-1966 Fx: 432-818-1988 | 7. If Unit or CA/Agreement, Name and/or No. |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 7 T17S R31E NENE 662FNL 1000FEL | | 8. Well Name and No. RAVEN FEDERAL COM 17H |
| | | 9. API Well No. 30-015-40914-00-X1 |
| | | 10. Field and Pool, or Exploratory CEDAR LAKE |
| | | 11. County or Parish, and State 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 Drilling Operations |
| | <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.)

BLM-CO-1463 NATIONWIDE/NMB000736

5/11/2015 SPUD WELL.

5/12/2015 Surf 17.5" hole; 13.375", H-40, 48# csg set @ 415'; ran 6 centralizers.
Cmt: 400 sx Class C (14.8 ppg, 1.34 yld)
Circ 30 bbls/127 sx cmt to surf.

5/13/2015: Surf csg pressure test: 1200 psi/30 min-OK.

5/13-5/16/2015 Drlg f/415'-3512'.

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 30 2015

RECEIVED

JAD 11/3/15
ACCEPTED FOR RECORD
NMOCD

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

**Electronic Submission #306491 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by JENNIFER SANCHEZ on 10/22/2015 (16JAS0523SE)**

| | |
|--------------------------------------|-----------------|
| Name (Printed/Typed) SUSAN BLAKEMORE | Title DRLG TECH |
| Signature (Electronic Submission) | Date 06/24/2015 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|---|-----------------|
| Approved By ACCEPTED | DAVID R GLASS Title PETROLEUM ENGINEER | Date 10/22/2015 |
| 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.

Additional data for EC transaction #306491 that would not fit on the form

32. Additional remarks, continued

5/16/2015 Inter 12.25" hole; 9.625", J-55, 40# csg @ 3512'; ran 31 centralizers.
Lead: 1100 sx Class C (12.90 ppg, 1.92 yld)
Tail: 300 sx Class C (14.80 ppg, 1.33 yld)
Circ 110 bbls/321 sx cmt to surf.
5/17/2015: Pressure test: 1200 psi/30 min-OK.

5/17-5/23/2015 Drg f/3512'-8772' TD.

5/17-5/22/2015 Prod 8.50" hole, 7" L-80, LTC, 29# csg @ 4900';
Run tapered strg-5.5" LTC, 20# csg with Packers Plus Packer System f/4902'-8766'; ran 31
centralizers.

DVT @ 4897'.

5/25/2015: Cmt Lead: 450 sx POZ C (12.60 ppg, 2.05 yld)
Tail: 300 sx PVL C (13.0 ppg, 1.48 yld)
Circ 42 bbls/115 sx to surf.

TD well @ 8772'.

5/25/2015 - RR.