

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.

5. Lease Serial No.
NMLC029435A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
RAVEN FEDERAL COM 23H

2. Name of Operator
APACHE CORPORATION
Contact: SUSAN BLAKEMORE
E-Mail: susan.blakemore@apachecorp.com

9. API Well No.
30-015-43362-00-X1

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

10. Field and Pool, or Exploratory
CEDAR LAKE-YESO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 7 T17S R31E Lot 3 2180FSL 505FWL

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 <i>Drilling Operations</i>
	<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

LED 1/15/16
**Accepted for record
NMOCD**

11/15/2015 SPUD WELL.

11/15/2015 Surf 17.5" hole; 13.375", H-40, STC, 48# csg set @ 420'; ran 6 centralizers.

Cmt Lead: 200 sx Class C (14.6 ppg, 1.51 yld)

Cmt Tail: 450 sx Class C (14.8 ppg, 1.33 yld)

No returns to surf-Engineer Tim Orsak contacted Terry w/BLM & received approval to run a temp

survey & remedial cmt job; TOC @ 210' from temp survey

11/16/15 Ran a 1" pipe & cmt remedial top out.

11/16/2015 Remedial Cmt #1: 200 sx Thixotropic Class C (14.6 ppg, 1.51 yld) no returns to surf; ran

NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 08 2016

RECEIVED

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

**Electronic Submission #324821 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad**

Committed to AFMSS for processing by JENNIFER SANCHEZ on 11/30/2015 (16JAS1240SE)

Name (Printed/Typed) SUSAN BLAKEMORE

Title DRLG TECH

Signature (Electronic Submission)

Date 11/30/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved By **/S/ DAVID R. GLASS**

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.

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

Additional data for EC transaction #324821 that would not fit on the form

32. Additional remarks, continued

1"-tag TOC @ 75'.

Remedial Cmt #2: 75 sx Class C (14.8 ppg, 1.33 yld) circulated 5 bbls/21 sx cmt to surface.
11/16/2015 Surf csg pressure test: 1200 psi/30 min-OK.

11/17-11/19/2015 Drlg f/420'-3500'.

11/20/2015 Intermed. 12.25" hole; 9.625", J-55, LTC, 40# csg @ 3500'; ran 27 centralizers.

11/20/2015 Intermed. Cmt Lead: 1150 sx Class C (12.90 ppg, 1.92 yld)

Cmt Tail: 300 sx Class C (14.80 ppg, 1.33 yld)

Circ 60 bbls/175 sx cmt to surf.

11/21/2015 Csg pressure test: 2000 psi/30 min.-OK.

11/20-11/25/2015 Drlg f/3500'-8765'.

11/27/2015 Prod. 8.5" hole, 7" L-80, LTC, 29# csg @ 4315'; run tapered strg-5.5" L-80, LTC, 20# csg with Packers Plus Packer System f/4315'-8754'; ran 25 centralizers.

DVT @ 4315'.

TD well @ 8765'.

11/28/2015 Prod. Cmt Lead: 420 sx 35/65 POZ C (12.6 ppg, 2.00 yld)

Cmt Tail: 160 sx TXI Lightweight (13.0 ppg, 1.43 yld)

Circ 40 bbls/112 sx to surf.

11/28/2015 - RR.