

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
RAVEN FEDERAL COM 22H

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

9. API Well No.  
30-015-43361

3a. Address  
303 VETERANS AIRPARK LANE, STE 1000  
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, GLORIETTA-YESO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 7 T17S R31E Mer NMP NWSW 2115FSL 505FWL  
32.847427 N Lat, 103.914638 W Lon

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
	<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

10/31/2015 SPUD WELL.

10/31/2015 Surf 17.5" hole; 13.375", H-40, STC, 48# csg set @ 426'; ran 6 centralizers.

Cmt Lead: 200 sx Class C (14.40 ppg, 1.60 yld)

Cmt Tail: 450 sx Class C (14.80 ppg, 1.33 yld)

No returns-Engineer Tim Orsak contacted Jim Hughs w/BLM & received approval to run a temp survey; TOC @ 236' from temp survey; ran a 1" & cmt remedial top out.

11/1/2015 Remedial Cmt #1: 150 sx Class C (14.8 ppg, 1.33 yld) no returns to surf; tag TOC @ 215'.

Remedial Cmt #2: 150 sx Class C (14.8 ppg, 1.33 yld) no returns-tagged TOC @ 120'.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

NOV 19 2015

RECEIVED

Accepted for record  
ED NMOCD 11/20/15

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #323702 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Carlsbad

Name (Printed/Typed) SUSAN BLAKEMORE	Title DRLG TECH
Signature (Electronic Submission)	Date 11/16/2015

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.

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

## Additional data for EC transaction #323702 that would not fit on the form

### 32. Additional remarks, continued

Remedial Cmt #3: 150 sx Class C (14.8 ppg, 1.33 yld) circulated 5 bbls/21 sx cmt to surface.  
11/1/2015 Surf csg pressure test: 1200 psi/1 hour-OK.

11/2-11/4/2015 Drlg f/426'-3506'.

11/4/2015 Intermed. 12.25" hole; 9.625", J-55, LTC, 40# csg @ 3506'; ran 27 centralizers.

11/5/2015 Intermed. Cmt Lead: 1100 sx 35/65 Class C (12.90 ppg, 1.92 yld)

Cmt Tail: 300 sx Class C (14.80 ppg, 1.32 yld)

Circ 58 bbls/169 sx cmt to surf.

11/6/2015 Csg pressure test: 1500 psi/30 min.-OK.

11/6-11/11/2015 Drlg f/3506'-9349'.

11/13/2015 Prod. 8.5" hole, 7" L-80, LTC, 29# csg @ 4760'; run tapered strg-5.5" L-80, LTC, 20# csg with Packers Plus Packer System f/4762'-9333'; ran 27 centralizers.

DVT @ 4762'.

TD well @ 9349'.

11/14/2015 Prod. Cmt Lead: 400 sx 35/65 POZ C (12.6 ppg, 2.05 yld)

Cmt Tail: 200 sx PVL (13.0 ppg, 1.48 yld)

Circ 44 bbls/120 sx to surf.

11/14/2015 - RR.