

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

*LOC*

**RECEIVED**  
NOV 26 2012  
NMOCD ARTESIA

**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		6. If Indian, Allottee or Tribe Name
3a. Address 303 VETERANS AIRPARK LN #3000 MIDLAND, TX 79705		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-818-1167 Fx: 432-818-1193		8. Well Name and No. RAVEN FEDERAL COM 12H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T17S R31E 2088FNL 220FWL 32.850425 N Lat, 103.899263 W Lon		9. API Well No. 30-015-40468
		10. Field and Pool, or Exploratory YESO
		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 checked="" 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 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 Change to Original APD
	<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.)

BOND#: BLM-CO-1463 / NMB000736

Apache Corp intends to cmt the 4-1/2" production liner in the 6-1/8" hole rather than run a multiple packer system on it as per approved APD. Liner will be cmt'd from TD @ 10493' to the liner hanger @ 5270' as follows:

Production liner (TOC @ liner hanger - 5270' - 25% excess)  
Lead/Annular 415sx PVL w/1.3% salt, 5% expanding agen, 1#/sx fluid loss,  
0.1 anti-settling agen, 0.35#/sx defoamer, 0.5% retarder  
(13.0wt, 1.49yld) Comp Strengths: 12hr -1025psi 24hr: 1765psi

**APPROVED**  
NOV 20 2012  
*Jennifer Mason*  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

*notify BLM if cement does not come up to Top of liner.*

14. I hereby certify that the foregoing is true and correct.		Accepted for record NMOCD <i>10/11/2012</i>
Electronic Submission #160189 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 11/14/2012 ()		
Name (Printed/Typed) SORINA L FLORES	Title SUPV DRLG SERVICES	
Signature (Electronic Submission)	Date 11/13/2012	

**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 \*\***