

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD 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

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

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		8. Well Name and No. RAVEN FEDERAL 1
2. Name of Operator APACHE CORPORATION		9. API Well No. 30-015-40465-00-S1
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705		10. Field and Pool, or Exploratory CEDAR LAKE
3b. Phone No. (include area code) Ph: 432-818-1015		11. County or Parish, and State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 7 T17S R31E Lot 3 2190FSL 990FWL		

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

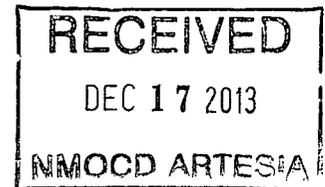
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 checked="" type="checkbox"/> Recomplete	<input 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 recompleate 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 recompleation 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 recompleted this well as follows:

06/25/2013 MIRUSU. POOH & LD pump & rods.
 06/25/2013 POOH w/ prod tbg.
 06/27/2013 Set CBP @ 5850'. Perf Blinebry @ 5320', 28', 54', 65', 85', 5410', 31', 50', 67', 90', 5516', 28', 49', 60', 78', 97', 5616', 38', 47', 77', 5715', 33', 50', 65', 90', 5810', w/ 1 SPF, 26 holes. Spot 504 gals acid. Acidize w/ 3473 gals 15% HCL NEFE acid.
 06/28/2013 NU frac valve.
 08/05/2013 Frac Blinebry w/ 162,288 gals 20# & 200,699# 16/30 sand. Flush w/ 4200 gals 10# linear gel. Spot 2000 gals 15% HCl. Set CBP @ 5280'. Perf Paddock @ 4655', 71', 85', 99', 4720', 43', 54', 79', 89', 4810', 28', 58', 78', 94', 4910', 36', 60', 81', 95', 5013', 26', 50', 85', 5115', 37', 61', 80', 5200', 30', w/ 1 SPF, 29 holes. Acidize w/ 3500 gals 15% HCl. Frac Paddock w/

Accepted for record
LRS NMOCD 12/17/13



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

**Electronic Submission #228205 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by JOHNNY DICKERSON on 12/12/2013 (13KMS6184SE)**

Name (Printed/Typed) FATIMA VASQUEZ	Title REGULATORY TECH
Signature (Electronic Submission)	Date 11/27/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 12/15/2013
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 #228205 that would not fit on the form

32. Additional remarks, continued

173,796 gals 20# & 210,760# 16/30 sand. Flush w/ 4536 gals 10# linear gel.
08/22/2013 RIH w/ bit & tbg.
08/23/2013 DO CBPs @ 5280' & 5850'. Circ hole clean.
08/24/2013 RIH w/ 2-7/8" J-55 6.5# prod tbg. SN @ 5999'. ETD @ 6085'.
08/25/2013 RIH w/ pump & rods. Clean loc & RDMOSU. RTP.