

FEB 08 2016

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNMOC  
ArtesiaFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

## SUNDRY NOTICES AND REPORTS ON WELLS

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.

5. Lease Serial No.  
NMLC029435A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
RAVEN FEDERAL 16H9. API Well No.  
30-015-40913-00-X110. Field and Pool, or Exploratory  
CEDAR LAKE11. County or Parish, and State  
EDDY COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
APACHE CORPORATIONContact: EMILY FOLLIS  
E-Mail: Emily.Follis@apachecorp.com3a. Address  
303 VETERANS AIRPARK LANE SUITE 3000  
MIDLAND, TX 797053b. Phone No. (include area code)  
Ph: 432-818-18014. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 7 T17S R31E NENE 727FNL 1000FEL

## 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	Production Start-up
	<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 recompletable 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 recompletable 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 completed the well as follows: RR 04/24/2015 TOC@150'

06/18/15 RU Renegade WL - Log run CBL-CNL-GR from DV Tool@ 4409' to surface, TOC@150' RD WL SI SDFN

06/19/15 MIRU TALLY 6000' 2-7/8" J-55 TBG 5K SPOOL &amp; BOP, SI, SDFWE

06/22/15 DRILL OUT DV TOOL

06/23/15 DRILL OUT SUB CIRC CLEAN, POOH LD TBG &amp; MILL. SI WELL RDMO SU. SDFN

09/15-09/17/15 PREPARE FOR FRAC-FRACK STACK, WATER TRANSFER, FLOWBACK EQUIPMENT, UNLOAD ACID, FLOWBACK EQUIPMENT - WAITING ON ELITE TO ARRIVE ON LOCATION. RU COMPLETE GOOD PRESURE TEST TO 8400 PSI

09/17-09/18/15 ELITE to START FRAC - Packer Plus assembly 5245-8291

Packers @ 5245, 5511, 5778, 6041, 6312, 6586, 6859, 7133, 7448, 7757, 8063 (11 Stages)

CRO 2/16/16  
Accepted for record  
NMOC

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

Electronic Submission #327641 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 01/05/2016 (16FP0055SE)

Name (Printed/Typed) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/04/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

JAN 22 2016

Approved By

Title

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD 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 #327641 that would not fit on the form**

**32. Additional remarks, continued**

Total Acid 1932 BBL  
Total Sand 2,075,680 #  
RDMO All unnecessary equipment

10/12-10/13/15 RIH Mill OUT SLEEVES  
10/13/15 CIRCULATE HOLE TO CLEAN POOH RDMO  
12/09/15 MIRU, RACK & TALLY TBG, SIS, SIFN  
12/10/15 RIH W/SUMMIT ESP, ND BOP/HYDRIL, FLANGE UP WELL HD, RDMO  
12/12/15 SET SURFACE, RUN ELECTRICAL, PLUMB INTO BATTERY, FINAL REPORT  
12/17/15 First Flow - Final

\*NOTE: GAPS IN DATES ARE DUE TO PAD DRILLING PROCESSES AND SURROUNDING AREA WATER ISSUES, WHICH DELAY COMPLETION OPERATIONS.