

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland TX 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date NW 12/17/15
⁴ API Number 30-015-40913	⁵ Pool Name CEDAR LAKE; GLORIETA-YESO	⁶ Pool Code [96831]
⁷ Property Code [39330]	⁸ Property Name RAVEN FEDERAL	⁹ Well Number 16H

II. ¹⁰Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	7	17S	31E		727	NORTH	1000	EAST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	7	17S	31E		722	NORTH	332	EAST W	EDDY
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 12/17/15	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
252293	Holly Energy Pipeline 311 W Quay / PO Box 1360 Artesia NM 88210	O
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G

IV. Well Completion Data

²¹ Spud Date 04/11/15	²² Ready Date 12/17/15	²³ TD 8322 4837	²⁴ PBTD 8322	²⁵ Perforations 5245-8291	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375 H40 48#	420'	670 sx Class C		
12.25	9.625 HCK55 40#	3500'	1450 sx Class C		
8.5	7" L80 29# /5" L80 20#	4412'/8300'	500 sx Class C		
Tubing	2.875 J55	4667'			

V. Well Test Data

³¹ Date New Oil 12/17/15	³² Gas Delivery Date 12/17/15	³³ Test Date 12/24/15	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 892	³⁹ Water 1972	⁴⁰ Gas 489		⁴¹ Test Method P

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 
Printed name:
Emily Follis

Title:
Reg Analyst

E-mail Address:
emily.follis@apachecorp.com

Date:
1/4/2016


Phone:
432-818-1801

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will
subsequently be reviewed
and scanned 

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.**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
Contact: EMILY FOLLIS E-Mail: Emily.Follis@apachecorp.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-818-1801	8. Well Name and No. RAVEN FEDERAL 16H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 7 T17S R31E NENE 727FNL 1000FEL		9. API Well No. 30-015-40913
		10. Field and Pool, or Exploratory CEDAR LAKE; GLORIETA-YESO
		11. County or Parish, and State EDDY COUNTY 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	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 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 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.)

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 & BOP, SI, SDFWE

06/22/15 DRILL OUT DV TOOL

06/23/15 DRILL OUT SUB CIRC CLEAN, POOH LD TBG & 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)

NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 07 2016

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**RECEIVED**

Name (Printed/Typed) EMILY FOLLIS	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 01/04/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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 _____

Pending BLM approvals will
subsequently be reviewed
and scannedTitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

any department or agency of the United States

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

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.**