

UNITED STATES **NM OIL CONSERVATION**
DEPARTMENT OF THE INTERIOR ARTESIA DISTRICT
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS FEB 23 2015
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

RECEIVED

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. BARNSDALL FEDERAL 20
2. Name of Operator APACHE CORPORATION Contact: FATIMA VASQUEZ E-Mail: fatima.vasquez@apachecorp.com		9. API Well No. 30-015-42364
3a. Address 303 VETERANS AIRPARK LN MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-818-1015	10. Field and Pool, or Exploratory EMPIRE;GLORIETA-YESO,EAST
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T17S R29E NENE 715FNL 900FEL 32.810847 N Lat, 104.056969 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 Production Start-up
	<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.)

Apache completed this well as follows:

08/28/2014 MIRUSU. RIH w/ bit & tbg.
08/29/2014 Log TOC @ 87' (CBL).
Stage I - Perf Blinebry @ 5129', 44', 58', 79', 5200', 21', 47', 76', 5305', 24', 44', 62', 90', 5408', 24', 40', 70', 96', 5533', 60', 74', 96', 5628', 50', 63', 5700', 30', & 62' w/ 1 SPF, 28 holes.
09/02/2014 Spot 630 gals acid. Acidize w/ 2856 gals 15% HCl NEFE acid.
09/03/2014 ND BOP. NU frac valve.
09/24/2014 Frac Blinebry w/ 218,778 gals 20# & 259,945# 16/30 sand. Flush w/ 4368 gals 10# linear gel & spot 630 gals 15% HCl acid.
09/25/2014 Set CBP @ 5050'.

APD 3/24/15
ACCEPTED FOR RECORD

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

Electronic Submission #292407 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Carlsbad

Name (Printed/Typed) FATIMA VASQUEZ	Title REGULATORY ANALYST II
Signature (Electronic Submission)	Date 02/19/2015

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 #292407 that would not fit on the form

32. Additional remarks, continued

Stage II - Perf Glorieta/Yeso @ 4149', 75', 4215', 38', 61', 90', 4310', 31', 50', 69', 98', 4426', 48', 74', 4500', 29', 46', 68', 90', 4626', 50', 64', 85', 4709', 40', 60', 80', 99', 4817', 42', 64', 82', 4912', 36', & 72' w/ 1 SPF, 35 holes. Acidize w/ 4830 gals 15% HCl. Frac w/ 245,826 gals 20# & 333,142# 16/30 sand. Flush w/ 3990 gals 10# linear gel.

09/26/2014 RIH w/ bit & tbg.

09/29/2014 DO CBP @ 5050'.

09/30/2014 Clean out to PBD @ 6074'. Circ hole clean.

10/01/2014 RIH w/ 2-7/8" J-55 6.5# prod tbg. TAC @ 4073'. SN @ 5799'.

ETD @ 5888'. RIH w/ pump & rods. Clean loc & RDMOSU.

10/09/2014 Set 640 pumping unit. POP.