

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.  
NMLC028775B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
BARNSDALL FEDERAL (308705) 21

9. API Well No.  
30-015-41406

10. Field and Pool, or Exploratory  
EMPIRE; GLORIETA-YESO, EAST

11. County or Parish, and State  
EDDY COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
APACHE CORPORATION  
Contact: FATIMA VASQUEZ  
E-Mail: fatima.vasquez@apachecorp.com

3a. Address  
303 VETERANS AIRPARK LANE STE 3000  
MIDLAND, TX 79705

3b. Phone No. (include area code)  
Ph: 432-818-1015

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 27 T17S R29E SESW 990FSL 2310FWL  
32.800973 N Lat, 104.063649 W Lon

**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 recomplate 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:

01/30/2014 MIRUSU. Log TOC @ surface. Perf Blinbery @ 4830', 50', 70', 85', 4902', 23', 49', 72', 88', 5018', 35', 77', 98', 5120', 49', 70', 94', 5224', 40', 63', 87', 5311', 35', 58', 95', 5417', 47', 73', & 99' w/ 1 SPF, 29 holes.  
01/31/2014 Spot 672 gals acid. Acidize w/ 3150 gals 15% HCl NEFE acid.  
02/05/2014 Frac Blinbery w/ 201,222 gals 20# & 249,027# 16/30 sand. Flush w/ 3444 gals 10# linear gel & spot 1134 gals 15% HCl acid.  
Set CBP @ 4810'. Perf Glorieta/Yeso @ 4100', 24', 55', 68', 4205', 18', 29', 45', 60', 90', 4322', 35', 57', 80', 98', 4430', 50', 75', 94', 4520', 42', 60', 80', 93', 4621', 48', 80', 4706', 28', & 53' w/ 1 SPF, 30 holes. Acidize w/ 3612 gals 15% HCl acid. Frac Glorieta/Yeso w/ 202,734 gals 20# & 259,380# 16/30 sand. Flush w/ 3990 gals 10# linear gel.

*4-10-14 RED*  
*Accepted for record*  
*JMBOD*

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

**Electronic Submission #240445 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 03/29/2014

**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 \*\***

*Temporary copy pend'g BLM-apod sundry*

**Additional data for EC transaction #240445 that would not fit on the form**

**32. Additional remarks, continued**

02/14/2014 DO CBP @ 4810'. Circ hole clean to PBTD @ 6050'.  
02/17/2014 RIH w/ 2-7/8" J-55 6.5# prod tbg. SN @ 5528' & ETD @ 5618'.  
02/18/2014 RIH w/ pump & rods. Clean location. RDMOSU.  
02/21/2014 Set 640 pumping unit.  
02/23/2014 POP.