

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB No. 1004-0137  
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

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
APACHE CORPORATION

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

8. Well Name and No.  
BARNSDALL FEDERAL #18

9. API Well No.  
30-015-37643

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

3b. Phone No. (include area code)  
432.818.1065

10. Field and Pool or Exploratory Area  
ABO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1650' FNL, 2310' FEL, SEC 27, T17S, R29E

11. Country or Parish, State  
EDDY, NM

12. CHECK THE 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 <b>COMPLETION</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>PROCEDURE</b>
	<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 recompleat 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must 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 HAS COMPLETED THE BARNSDALL FEDERAL #18 VIA THE FOLLOWING PROCEDURE:

3/11/11: DO DV tool @3481'

3/14/11: Perf lwr yeso @5680, -84,90,5707,26,29,59,68,5811,18,27,41,60,69,77,86,97,5927,34,46,5980=21 holes

3/15/11: RIH w/pkr @5979' spot 294 gals 15% NEFE across perms w/35 bbls 1% KCL FW, move pkr to 5600', acidize lwr yeso w/1706 gals 15% NEFE w/42 BS, release pkr & reset @ 5663, swab test lwr yeso. 3/17/11: Release pkr 3/18/11: RD swab equip.

3/21/11: Set CIBP @5675' perf mid bline @ 5006,16,26,36,47,58,68,76,82,92,5103,14,20,30,39,46,58,68,78,88,93,5202,14,24,37,46,58,68,76,5286', dump 35' cmt on CIBP

3/22/11: RIH w/pkr @5285', spot 294 gals 7.5% NEFE across perms w/27.6 bbls 1% KCL FW, move pkr to 4950', acidize mid bline perms w/1706 gals 7.5%

HCL NEFE w/60BS, release pkr @ 4950'

3/25/11: Frac mid bline w/116,706 gals 20# lin. gel w/204,768 lbs 20/40 ottawa. RIH w/CBP to 4960', Perf upper bline @4670,74,78,87,98,4706,10,15,20,28,36,45,56,61,4777,86,90,4822,70,79,4885,90,4913,20,26 w/1 SPF =26 holes. Acidize w/2500 gal 7.5% NEFE w/50BS. Frac upper bline w/81,667 gals 20# lin. gel w/138k lbs 20/40 ottawa. Set CBP @4630' Perf lwr paddock @4290,98,4304,12,18,25,38,46,52,62,70,78,87,95,4405,16,24,32,39,47,58,65,74,88,97 4505,12,21 w/1SPF=28 holes. Acidize w/2500 gal 15% NEFE w/56BS. Frac w/101,931 gals 20# lin gel w/148.9k lbs 20/40 ottawa. Set CBP @4220', Perf upper paddock @ 4050,60,66,75,85,94,4106,20,28,43,48,55,62,73,82 w/1SPF=15 holes, Acidize w/2500 gal 15% NEFE w/30BS. Frac w/41,495 gals 20# lin gel w/52k lbs 20/40 ottawa.

3/30/11:DO plug @4220', 4630', 4960'. Still have CIBP @ 5675' w/35' cmt (PBDT @5645'

4/1/11: RIH w/prod. equip & set pmp unit 4/5/11: Run elec., prod to battery

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
KATIE KAUFFMAN

Title ENG. TECH

Signature

*Katie Kauffman*

Date 04/12/2011

RECEIVED

MAY 11 2011

NMOCD ARTESIA

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

MAY 7 2011

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.

(Instructions on page 2)

Accepted for record - NMOCD

DD 5-26-11