

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

3b. Phone No. (include area code)  
432 818 1906

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1650 FSL & 1650 FWL, SEC 27, T17S, R29E, NESW LOT K

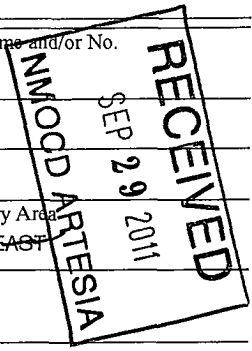
7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
BARNSDALL FEDERAL #19

9. API Well No.  
30 015 39157

10. Field and Pool or Exploratory Area  
EMPIRE, LORIETA-YESO, EAST

11. Country of 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 <u>COMPLETION</u>
	<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 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation 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 #19 VIA THE FOLLOWING PROCEDURE:

8-09-2011: DO DV TOOL @ 3505'

8-10-2011: PERF TUBB F/ PERF LOWER BLINEBRY @ 5068, 71, 76, 93, 5101, 5105, 10, 11, 40, 42, 48, 55, 63, 69, 75, 5290, 95, 5304, 36, 44, 53, 61, 66, & 74. W/2 JSPF & 0.37" HOLE, 48 HOLES.

8-11-2011: ACIDIZE LOWER BLINEBRY W/3500 GALS 15% HCL NEFE ACID. BALL OUT W/48 BALLS ON FORMATION.

8-15-2011: LOWER BLINEBRY FRAC. PUMP 30,446 GALS 20# PAD. PUMP 14,4136 GALS 20# W/170,100# 16/30# WHT SD. 3884# SIBERPROP, 3884 GAL LINEAR GEL FLUSH. PERF UPPER BLINEBRY @ 4798', 4800', 4803', 4826', 4830', 4833', 4910', 4916', 4923', 4928', 4930', 4934', 4938', 4942', 4974', 4976', 4978', W/ 2 JSPF, 34 HOLES. ACIDIZE W/ 2500 GALS 15% HCL. DROP 68 7/8" 1.3 MR BIOBALLS. UPPER BLINEBRY FRAC. PUMP 18127 GALS 20# PAD. PUMP 121,297 GALS 20# W/149500# 16/30 WHT SD; 32500# SIBERPROP, 3565 GAL 20# LINEAR FLUSH. PERF LOWER PADDOCK @ 4464', 4468', 4474', 4478', 4497', 4507', 4515', 4520', 4523', 4526', 4550', 4556', 4561', 4569', 4579', 4582', 4591', 4598', 4610', 4628', 4633', 4638', 4642', 4652'. W/ 1 JSPF, 24 HOLES. ACIDIZE W/ 2500 GALS 15% HCL. DROP 48 7/8" 1.3 MG BIOBALLS. LOWER PADDOCK FRAC. PUMP 28,854 GALS 20# PAD. PUMP 119,616 GALS 20# W/146,700# 16/30 WHT SD, 31,300# SIBERPROP, 3200 GAL 10# LINEAR GEL FLUSH. PERF UPPER PADDOCK @ 4231', 4236', 4254', 4256', 4259', 4287', 4291', 4313', 4319', 4324', 4328', 4330', 4346', 4352', 4361', 4369', 4372' W/ 1 JSPF, 17 HOLES.

8-16-2011: ACIDIZE W/ 2500 GALS 15% HCL @ 10.4 BPM, 130#. DROP 34 7/8" 1.3 MG BIOBALLS. UPPER PADDOCK FRAC. PUMP 18,060 GALS 20# PAD. PUMP 122,101 GALS 20# W/155,900# 16/30 WHT SD, 27,000# SIBERPROP, 3994 GAL LINEAR GEL FLUSH.

8-22-2011: DRILL OUT CIBP'S @ 4430', 4700' & 5000' PBTD 6050. 8-23-2011: RIH W/178 jts 2-7/8" J55 8rd EUE 6.5# tbg; TAC @4200, SN @ 5423. **Page 5508.**

8-29-2011 SET PMPNG UNIT. BUILD WH & LAY FL. CONNECT KILLSWITCHES. INSTALL POC. ENERGIZE MOTOR & START PROD TO BATTERY.

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

Title SR. STAFF ENGINEERING TECH

Signature *Bev Hatfield* Date 09/14/2011

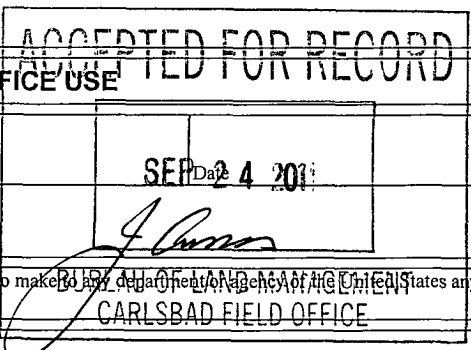
**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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

Title

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.

*JOS* *dm*