

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

MAR 02 2015

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter and Abandoned well. Use Form 3160-3 (APD) for such proposals

5. Lease Serial No.
NMLC-028775B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
BARNSDALL FEDERAL 20 <19485>

2. Name of Operator
APACHE CORPORATION <873>

9. API Well No.
30-015-42364

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

3b. Phone No. (include area Code)
432-818-1000 / 432-818-1168

10. Field and Pool or Exploratory Area
EMPIRE; GLORIETA - YESO, EAST <96610>

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UL A, SEC 27, T 17 S, R 29 E, 715' FNL & 900' FEL

11. County or Parish, State
EDDY COUNTY, 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>DRILLING OPS: CASING & CEMENT REPORT</u>
	<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 directional or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attached 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 recompletion 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.

Bond No: BLM-CO-1463 8/12/2014 SPUD;

8/12 DRLG SURFACE 91' - 202' TD; NOTIFIED JIM W/BLM OF CSG & CMT

SURFACE CSG 13.375" HOLE 17.5", H40, 48# SET 202'; FC @ 168'; RAN 4 CENTRALIZERS;

CMT: 260 SX; (14.8 PPG, 1.33 YLD)

CIRC 167 SX;

AD 3/2/15
Accepted for record
NM OOD

SURFACE CSG PRESSURE TEST 1200 PSI/30 MIN - OK

REPORT CONTINUED ON PAGE 2.

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

Name (Printed/Typed) MICHELLE COOPER

Title DRILLING TECH

Signature *Michelle Cooper*

Date 2/9/2015

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

ACCEPTED FOR RECORD
FEB 25 2015
[Signature]
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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.

BARNSDALL FEDERAL 20 End of Well Sundry

8/14-8/17 START INTERMEDIATE HOLE; DRLG 202' – 3393' TD; NOTIFIED BLM RUN CSG & CMT

8/18 INTERMEDIATE CSG 8.625" HOLE 11", J55, 32# CSG SET 3393'; FC @ 3348'; RAN 27 CENTRALIZERS;
LEAD: 1080 SX; (13.5 PPG, 1.75 YLD)
TAIL: 200 SX; (14.8 PPG, 1.34 YLD)
CIRC 398 SX

INTERMEDIATE CSG PRESSURE TEST 2000 PSI/ 30 MIN- OK

8/19-8/22 DRLG CMT AND FLOAT EQUIPMENT Tag CMT @ 3300'; DRLG F/ 3393-3476'
START PRODUCTION HOLE; DRLG F/3476'- 6120' TD

8/23 RU & LOG; NOTIFIED BLM RUN CSG & CMT

8/23 PRODUCTION CSG 5.5"; HOLE 7.875", J55, 17# CSG SET 6120'; FC @ 6082';
RAN 199 CENTRALIZERS;
LEAD: 500 SX; (12.6 PPG, 2.0 YLD)
TAIL: 470 SX; (14.2 PPG, 1.37 YLD)
CIRC 159 SX
PRODUCTION CSG PRESSURE TEST 2500 PSI/ 30 MIN- OK

8/23/2014 RIG RELEASED