

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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NOV 02 2009
HOBBSOCD

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.
0064605A

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
6120 S Yale Ave, Suite 1500
Tulsa, OK 74136

3b. Phone No (include area code)
918.491.4968

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

8. Well Name and No.
Federal A #2

9. API Well No
30-025-07239

10. Field and Pool or Exploratory Area
Bronco; Siluro(Devonian)

4. Location of Well (Footage, Sec, T., R., M., or Survey Description)
Unit B, Sec 14, T13S, R38E
660' FNL & 1274' FEL

11. Country or Parish, State
Lea

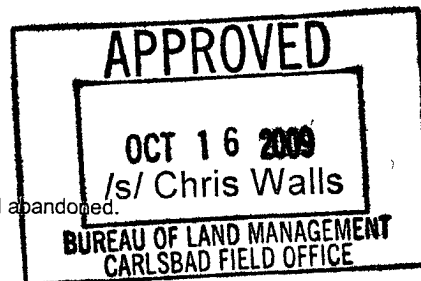
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" 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 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 checked="" type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <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 Corporation TA'd this well 2/2/2009. Apache would like to reactivate this TA'd well, test several zones up hole and then if a zone is found productive, the well will be returned to production via the following procedure:

1. MIRU completion rig. Attempt to freepoint 5.5" csg. If unable to freepoint, shoot sqz hole @ +/- 4250' & attempt to circ to surface.
2. RIH w/cmt retainer, pump cmt & circ to surface.
3. DO cmt retainer. Clean to PBTD. POOH.
4. Verify enough cmt on plug @ 11,350'. If more cmt is required, dump bail the additional cmt with wireline before perforating the Strawn. Perf at interval selected by the engineer.
5. RIH w/pkr. Acidize wellbore.
6. Swab load and test. Swab test Strawn. If unproductive, RIH w/retainer and sqz perms.
7. POOH w/tbg. RIH w/wireline. Perf Canyon at interval selected by engineer.
8. RIH w/pkr and acidize wellbore.
9. Swab load and test. Swab test Canyon. If unproductive, RIH w/retainer and sqz perms.
10. POOH w/tbg. RIH w/wireline. Perf Penn at interval selected by engineer.
11. RIH w/pkr and acidize wellbore.
12. Swab load and test. Swab test Penn. If unproductive, RIH w/retainer and sqz perms.
13. POOH w/tbg and RDMO rig. Additional pay will be evaluated up hole or the well will be plugged and abandoned.



**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Title Production Engineering Tech

Signature

Amber Cooke

Date 09/21/2009

Kz

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

PETROLEUM ENGINEER

Title

Date

NOV 03 2009

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)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

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

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abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No
LC-064605A

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1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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Federal A #2

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Apache Corporation

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660' FNL & 1274' FEL

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Lea

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| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
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Apache TA'd this well in Feb 2009. We received approval from the BLM to TA the well until 8/20/2009. Apache planned to re-complete this well in the upper Wolfcamp zone. Apache re-completed an offset well to the upper Wolfcamp and received water only. Therefore plans to re-complete in the upper Wolfcamp for the Federal A #2 have been reconsidered. While these plans are being reconsidered, Apache is asking for 30 days extension for this well. Per conversation with Duncan Whitlock 8/27/09 @ 575-234-5926, we have been granted an additional 30 days to file an intent to act on this well or plug the well. Within the 30 day period, Apache will send correspondence to the BLM to inform you of our planned actions.

30 day Ext. on TA 7:11 9/27/09

After 9-27-09 the well must be online
or plans to P & A must be submitted.

APPROVED

SEP 17 2009
/s/ JD Whitlock Jr

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

Title Production Engineering Tech

Signature

Amber Cooke

Date 09/03/2009

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.

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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)

Apache Corporation – Federal A #2, Bronco; Siluro (Devonian)

Wellbore Diagram – Current Status

Date: 9/21/2009

A Cooke

DF= 3810'



30-025-07239

Surface Location

660' FNL & 1274' FEL, Sec 14,
T13S, R38E, Lea County, NM

Hole Size
= 17-1/2"

TOC @
Surface

Surface Casing

13-3/8" 36# csg @ 318' cmt'd w/450 sx

Hole Size
= 12-1/4"

TOC @
2585'
Temp
Survey

TUBING DETAIL

| Qty | Description | Length | Depth |
|-----|-----------------|--------|-------|
| | No tbg in hole. | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Hole Size
= 8-3/4"

TOC @
8398'
Temp
Survey

Intermediate Casing

8-5/8" csg @ 4528' cmt'd w/1200 sx

Casing leak @ 5393'-5420', squeezed w/100 sx Class C cmt (4/7/06)

Casing leak @ 6958'-7056', squeezed w/25 sx Class C cmt (3/23/08)

CIBP @ 11,350 w/20' of cmt on top. TOC @ 11,330'.

Perfs @ 11,420'-11,780'.

Production Casing

5-1/2" @ 11,870' cmt'd w/700 sx

PBTD = 11,330'

TD = 11,870'

Apache Corporation – Federal A #2, Bronco; Siluro (Devonian)

Wellbore Diagram – Proposed Status

Date: 9/21/2009

A Cooke

DF= 3810'



30-025-07239

Surface Location

660' FNL & 1274' FEL, Sec 14,
T13S, R38E, Lea County, NM

Hole Size
= 17-1/2"

TOC @
Surface

Hole Size
= 12-1/4"

TOC @
2585'
Temp
Survey

Hole Size
= 8-3/4"

TOC @
8398'
Temp
Survey

Surface Casing

13-3/8" 36# csg @ 318' cmt'd w/450 sx

TUBING DETAIL

| Qty | Description | Length | Depth |
|-----|-----------------|--------|-------|
| | No tbg in hole. | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Intermediate Casing

8-5/8" csg @ 4528' cmt'd w/1200 sx

Shoot sqz hole +/- @ 4250' & attempt to circ to surface

Casing leak @ 5393'-5420', squeezed w/100 sx Class C cmt (4/7/06)

Casing leak @ 6958'-7056', squeezed w/25 sx Class C cmt (3/23/08)

Proposal to perf Penn, if unproductive, RIH w/rtnr & sqz perfs.

Proposal to perf Canyon, if unproductive, RIH w/rtnr & sqz perfs.

Proposal to perf Strawn, if unproductive, RIH w/rtnr & sqz perfs.

CIBP @ 11,350 w/20' of cmt on top. TOC @ 11,330'.

If need more cmt, dump bail additional cmt w/wireline

Perfs @ 11,420'-11,780'.

Production Casing

5-1/2" @ 11,870' cmt'd w/700 sx

PBTD = 11,330'

TD = 11,870'

**Federal A #2
30-025-07239
Apache Corporation
October 16, 2009
Conditions of Approval**

- 1. Surface disturbance beyond the existing pad must have prior approval.**
 - 2. Closed loop system required.**
 - 3. Operator to have H2S monitoring equipment on location as H2S has been reported from this well.**
 - 4. 3M BOP is required and must be tested prior to setting first plug.**
 - 5. Operator step 4—cement to be class H, a minimum of 35' bailed is required.**
 - 6. Contact BLM 575-393-3612 a minimum of 24 hours prior to setting first plug.**
 - 7. Operator steps 6, 9 & 12—if cement retainer is used, retainer to be capped with class H cement (a minimum of 35' bailed or 25 sxs pumped).**
 - 8. Subsequent sundry detailing work done to be submitted. Completion report required if well is productive.**
 - 9. If well is to be plugged and abandoned, a separate sundry needs to be submitted.**
 - 10. Lack of cement in the 8-5/8" by 13-3/8" annulus must be addressed when the well is plugged, as NMOCD and BLM require all annuli be filled to the surface.**
-
- 11. Work to be completed by December 31, 2009.**

MAK/CRW 101609