

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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.
NMNM013885

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM73679

8. Well Name and No.
CRAWFORD COM B 1

9. API Well No.
30-045-07983-00-C1

10. Field and Pool, or Exploratory
BASIN DAKOTA
OTERO CHACRA

11. County or Parish, and State
SAN JUAN COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
BP AMERICA PRODUCTION CO

Contact: CHERRY HLAVA
E-Mail: hlavacl@bp.com

3a. Address
P. O. BOX 3092
HOUSTON, TX 77253

3b. Phone No. (include area code)
Ph: 281.366.4081
Fx: 281.366.0700

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 24 T29N R12W NWSW 1450FSL 0810FWL
36.70857 N Lat, 108.05644 W Lon

12. CHECK 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 type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 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.)

Please reference verbal approval to P&A with Jim Lovato & Wayne Townsend (BLM) on April 1 2004.
Charlie Perrin with OCD gave verbal approval on April 2, 2004.
Please see attached P&A procedure and well bore diagrams.

Should you have any questions please call Harald Jordan @326-9202.



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

**Electronic Submission #29499 verified by the BLM Well Information System
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by STEVE MASON on 04/13/2004 (04SXM1467SE)**

Name (Printed/Typed) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 04/12/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON

Title PETROLEUM ENGINEER

Date 04/13/2004

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 Farmington

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

P & A Procedure

Well Name: Crawford B #1

Date: 3/23/04

SAP Number X5-002J2

Objective:

Safely P & A the Crawford B #1 and comply with all Federal and State requirements.

Pertinent Information:

Location: Sec.24, T29N-R12W

County: San Juan

State: New Mexico

Lease:

Meter No. 73778

Well Flac: 92389501

Horizon: Dakota/Chacra

API #: 30-045-07983

Engr: Harald Jordan

Phone: W (505) 326-9202

C (505) 486-5357

NOTE: Contact Federal and State Agencies for approval prior to performing cement squeeze work.

Note: Charge all remedial repair work to DRA element of project X5-002J

1. Prior to any work get Safety alliance on location for location security
2. N/U lubricator and RIH with slickline to retrieve X and F plugs from 2759' and 2763'.
3. N/D lubricator and slickline
4. R/U CT BOP stack and test to 1500 psi.
5. Lubricate CT into well and tag CIBP at 6100'. Maintain constant surface pressure.
6. Displace well to 16.0 ppg mud [based on possible influx of 8.3 ppg at 2510' and 1000 psi] maintaining 1,000 – 1,500 psi at surface.
7. Monitor tubinghead and annulus for flow and pressure build up
8. POOH and rig down CT.
9. MIRU workover unit
10. N/U BOP stack & test
11. RIH with slickline and set X and F plugs
12. P/U tubing hanger and lay down tubing
13. RIH with 2 3/8" work string to 6095' and spot 4 bbl balanced plug [250' in 4 1/2" 9.5# casing; this plug will cover the inside of the 4 1/2" casing from 6095' – 5845' covering the DK and the Greenhorn]
14. Pull work string to 5350' and spot 5 bbl balanced plug [310' in 4 1/2" 9.5# casing; this plug will cover the inside of the 4 1/2" casing from 5350' – 5040' covering the Gallup]
15. Pull work string to 5000' and spot 5 bbl balanced plug [310' in 4 1/2" 9.5# casing; this plug will cover the inside of the 4 1/2" casing from 5000' – 4690' covering the Mancos]
16. Pull work string to 4650' and spot 5 bbl balanced plug [310' in 4 1/2" 9.5# casing; this plug will cover the inside of the 4 1/2" casing from 4650' – 4340' covering the Mancos]
17. POOH with work string.
18. Set retainer on wireline at 2600'.
19. RIH with 2 3/8" workstring, sting into retainer and squeeze off perforations from 2660' – 2781' with 20 bbl cement.
20. Unsting from retainer, set 300' balanced plug on top of retainer from 2600' – 2300'.
21. Pull workstring to 2300' and spot balanced plug from 2300' – 2000'.
22. Pull workstring to 2000' and spot balanced plug from 2000' – 1800'.
23. POOH with workstring and L/D excess tubing.

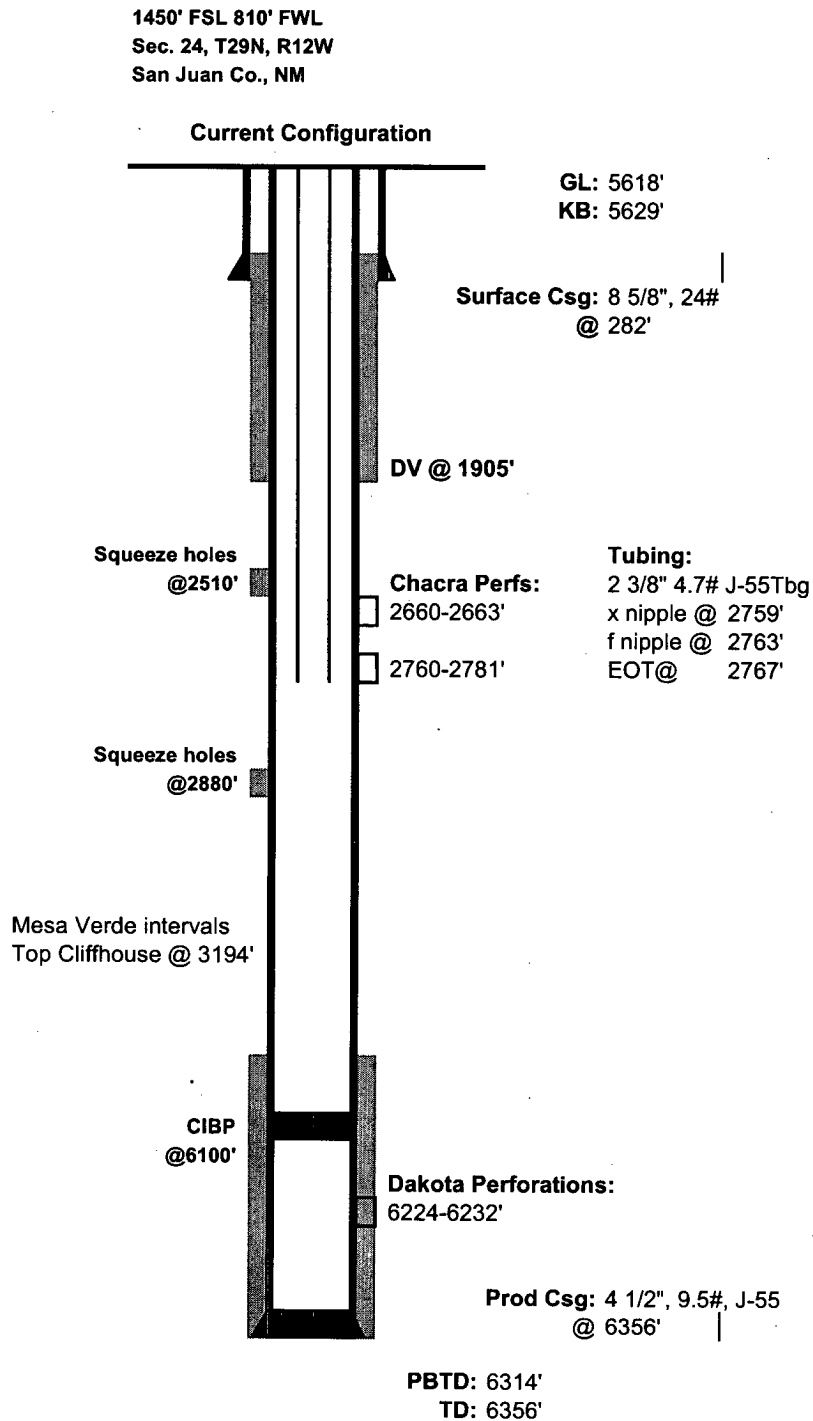
5700 - 5040'

combine

Crawford B #1 P&A Procedure

24. RIH with 2 3/8" workstring and tag plug at 1800'. Depending on actual depth of plug set new plug to achieve TOC at 1800'.
25. Rig up wireline and run CBL from 1800' to surface.
26. RIH with workstring and spot balanced plugs across 4 1/2" casing to within 100' of TOC in 8 5/8" x 4 1/2" annulus. Individual plug length not to exceed 300'.
27. POOH and L/D tubing
28. RIH with wireline and perforate 4 1/2" casing above TOC in 8 5/8" x 4 1/2" annulus.
29. N/U pump in swedge on 4 1/2" casing and circulate cement through annulus perforations to surface.
30. Cut 4 1/2" & 8 5/8" strings 3' below GR and set P&A marker.

Crawford B #1



Crawford B1

Wellbore Diagram

1450' FSL 810' FWL
Sec. 24, T29N, R12W
San Juan Co., NM

