

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.
NMSF077382

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RP HARGRAVE B #2

9. API Well No.
30-045-21057

10. Field and Pool, or Exploratory Area
**BASIN FRUITLAND COAL
FULCHER KUTZ PICTURED CLIFFS**

11. County or Parish, State
SAN JUAN NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

JUL 30 2014

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
XTO ENERGY INC.

3a. Address
382 CR 3100 AZTEC, NM 87410

3b. Phone No. (include area code)
505-333-3630

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1520' FSL & 1610' FWL NESW SEC. 4 (K) -T27N-R10W N.M.P.M.

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 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 shall 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 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 final site is ready for final inspection.)

XTO Energy Inc. intends to plug and abandon this well per the attached procedure and will be using a Closed Loop System. Please see also the attached current and proposed wellbore diagrams and surface reclamation plan.

OIL CONS. DIV DIST. 3

AUG 14 2014

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

Notify NMOCD 24 hrs prior to beginning operations



H₂S POTENTIAL EXIST

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed) **SHERRY J. MORROW** Title **REGULATORY ANALYST**

Signature *Sherry J. Morrow* Date **7/29/2014**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *Troy Salyers* Title **Petroleum Eng.** Date **8/13/2014**

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 **FFO**

**RP Hargrave B #2
Sec 4, T 27 N, R 10 W
San Juan County, New Mexico
7/16/2014**

Plug and Abandon Procedure

AFE Number: 1406557
Spud Date: 10/26/1972
Surface Casing: 8-5/8", 23#, X-42 csg @ 205'. Cmt'd w/200 sx. Circ cmt to surf.
Production Casing: 4-1/2", 9.5#, K-55 csg @ 2,053'. Cmt'd w/525 sx. Circ cmt to surf.
Capacity: .0162 bbls/ft or .6825 gal/ft
Production Tubing: 2-3/8" string
Other in Hole: CICR: 1,745'
Perforations: Fruitland Coal: 1,772' – 1,945'
Pictured Cliffs: 1,950' – 1,974'
PBTD: 2,040'
Recent Production: Shut-in since 7/2/2014. 0 mcfpd, 0 bwpd (CICR).

Notify NMOCD & BLM 24 hours prior to beginning plugging operations

1. Check for COA's and approved NOI before beginning operations.
2. Test rig anchors.
3. Set flowback tank.
4. MIRU completion rig. Review JSA.
5. Kill well.
6. ND WH. NU & FT BOP.
7. TOH tubing.
8. MIRU WLU. Review JSA.
9. Run CBL/CCL/Gamma Ray log from CICR @ 1,745' – surface. Correlate to Compensated Density log dated 10/30/1972. Send CBL to engineer.

Plugs may need altered based off CBL results. Contact engineer with changes.

10. TIH tubing.
11. MIRU cement truck. Review JSA.

Casing will not pressure test. All plugs must be tagged until casing pressure tests.

See COA

12. **Perforation Isolation Plug (1,745' – 1,695')**: Pump 10 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 1,745' – 1,695' (volume calculated with 50' excess).

See COA

13. **Kirtland & Ojo Alamo Top Plug (1,118' – 860')**: Pump 25 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 1,118' – 860' (volume calculated with 50' excess).

14. **Surface Plug (255' – Surface)**: Pump 25 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 255' – surface (volume calculated with 50' excess).

15. TOH & LD tubing.
16. RDMO cement truck.
17. WOC 4 hours.
18. Cut off WH. Fill in casing as needed with cement. Install above ground P&A marker.
19. Cut off anchors and reclaim location.

Checklist

Regulatory:

1. NOI to P&A on form C-103 & 3160-5
2. Submit a post-work sundry on form C-103 & 3160-5 which details the P&A work and location work within 30 days of completing all required restoration work.

Equipment:

1. 1 flowback tank
2. If tbg doesn't PT, 1,800' 2-3/8" workstring
3. 60 sx Class "B" cement
4. 1 above ground marker

Services:

1. Completion rig
2. Cement truck
3. WLU



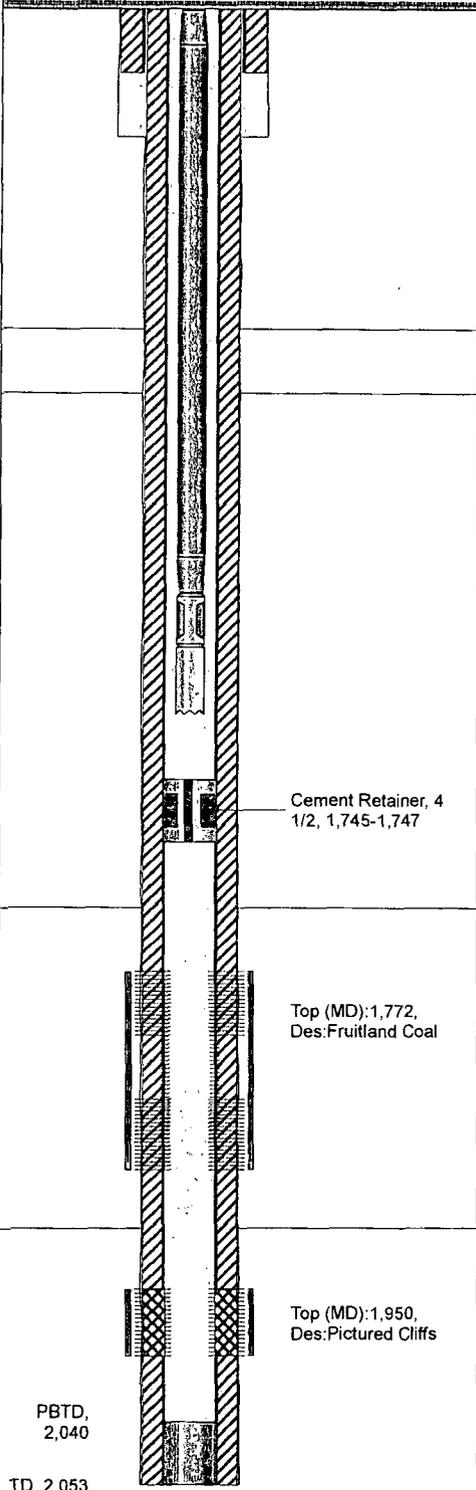
XTO - Wellbore Diagram

Current

Well Name: RP Hargrave B 02

API/UVI 30045210570000	E/W Dist (ft) 1,610.0	E/W Ref FWL	N/S Dist (ft) 1,520.0	N/S Ref FSL	Location T27N-R10W-S04	Field Name Basin Fruitland Coal	County San Juan	State/Province New Mexico
Well Configuration Type Vertical	XTO ID B 70408	Orig KB Elev (ft) 6,021.00	Gr Elev (ft) 6,012.00	KB-Grd (ft) 9.00	Spud Date 10/26/1972	PBTD (All) (ftKB) Original Hole - 2040.0	Total Depth (ftKB) 2,053.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 7/22/2014 8:22:00 AM		Incl	ftKB (TVD)	ftKB (MD)	Zones
Schematic - Actual					Zone
					Fruitland Coal
					Pictured Cliffs
					Casing Strings
					Casing Description
					Surface
					Production
					Cement
					Surface Casing Cement
					Production Casing Cement
					Cement Squeeze
					Perforations
					1/14/1992
					12/20/1991
					1/18/1992
					11/7/1972
					Tubing Strings
					Tubing - Other
					Tubing Components
					Tubing
					Seat Nipple
					Notched Collar
					Stimulations & Treatments
					11/7/1972
					1772
					1945
					12/21/1991
					1772
					1945
					1/20/1992
					1772
					1945
					1/23/1992
					1772
					1945

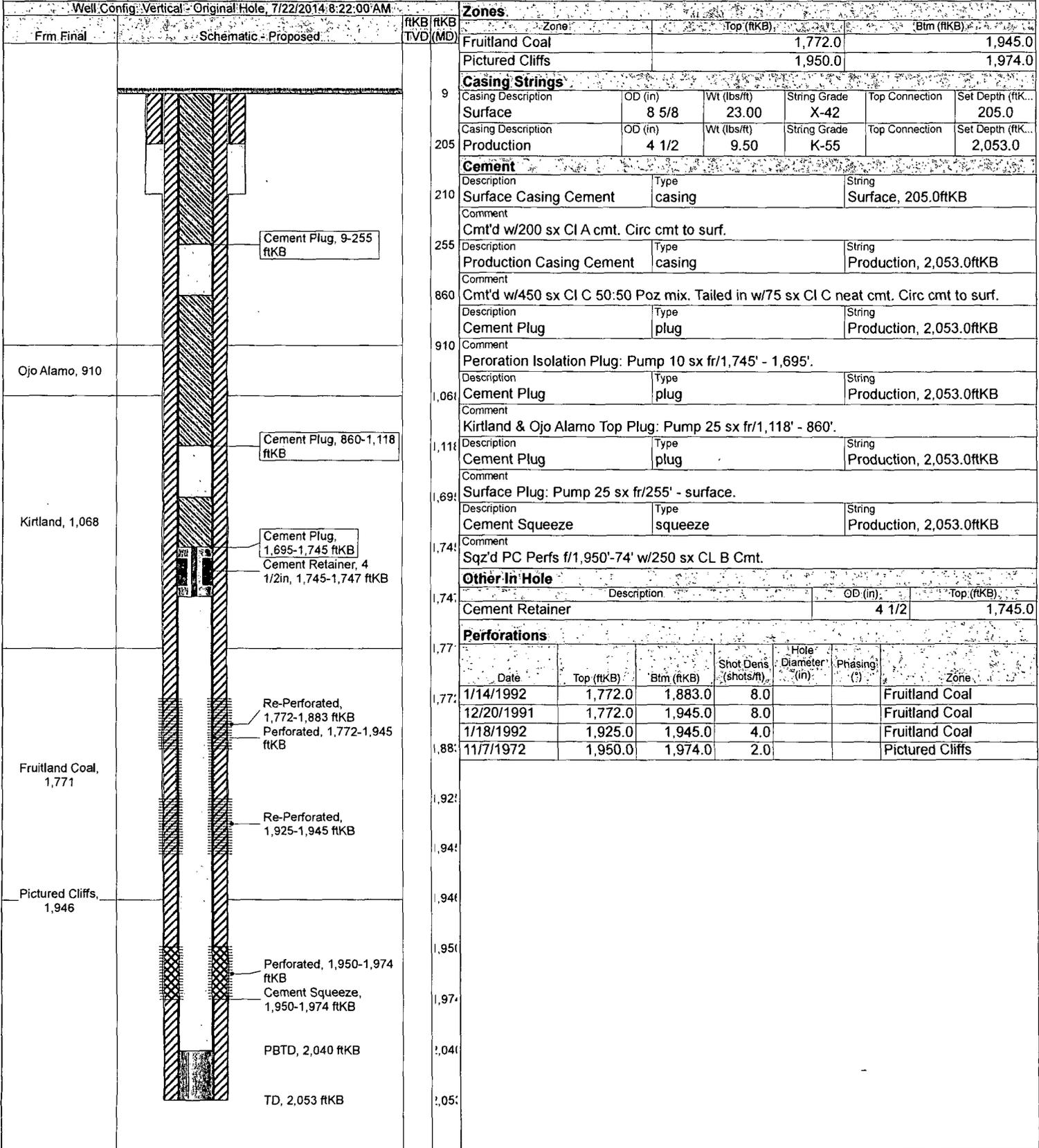




XTO - Proposed P&A Wellbore Diagram

Well Name: RP Hargrave B 02

API/UWI 30045210570000	E/W Dist (ft) 1,610.0	E/W Ref FWL	N/S Dist (ft) 1,520.0	N/S Ref FSL	Location T27N-R10W-S04	Field Name Basin Fruitland Coal	County San Juan	State/Province New Mexico
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UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: RP Hargrave B #2

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of plug #1 up to 1581 ft. to cover the Fruitland top. Adjust cement volume accordingly.
 - b) Bring the top of plug #2 up to 850 ft. to cover the Ojo Alamo top. Adjust cement volume accordingly.

Note: H₂S has not been reported at this location; however, low concentrations of H₂S (3 ppm GSV) have been reported in the SESW/4 of Sec.8, 27N, 10W.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.