

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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.

NOV 22 PM 1 19

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

OTO FARMINGTON

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM03153
2. Name of Operator XTO Energy Inc.		6. If Indian, Allottee or Tribe Name
3a. Address 2700 Farmington Ave., Bldg. K. Ste 1 Farmington,	3b. Phone No. (include area code) 505-324-1090	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SURFACE: 1185' FSL & 885' FEL SEC 9-T26N-R11W BOTTOM: 1953' FSL & 2598' FEL SEC 9-T26N-R11W		8. Well Name and No. OH RANDEL #14S
		9. API Well No. 30-045-32948
		10. Field and Pool, or Exploratory Area Basin Fruitland Coal
		11. County or Parish, State SAN JUAN NM

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 checked="" 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 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.)

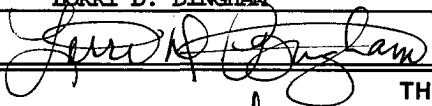
XTO Energy Inc. proposes to change the bottomhole location for this well per the attached procedure.
Please see also, the attached plat.

RCVD NOV30'06

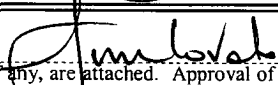
OIL CONS. DIV.

DIST. 3

HOLD OVER FOR Directional Survey
+ BH survey to TA

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) LORRI D. BINGHAM	Title REGULATORY COMPLIANCE TECH
	Date 11/17/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 	Title Petr. Eng	Date 11/29/06
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 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

NMOCD

B

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED
REPORT

¹ API Number 30-045-32948	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 22857	⁵ Property Name OH RANDEL	⁶ Well Number 14S
⁷ OGRID No. 5380	⁸ Operator Name XTO Energy, Inc.	⁹ Elevation 6304'

¹⁰ Surface Location

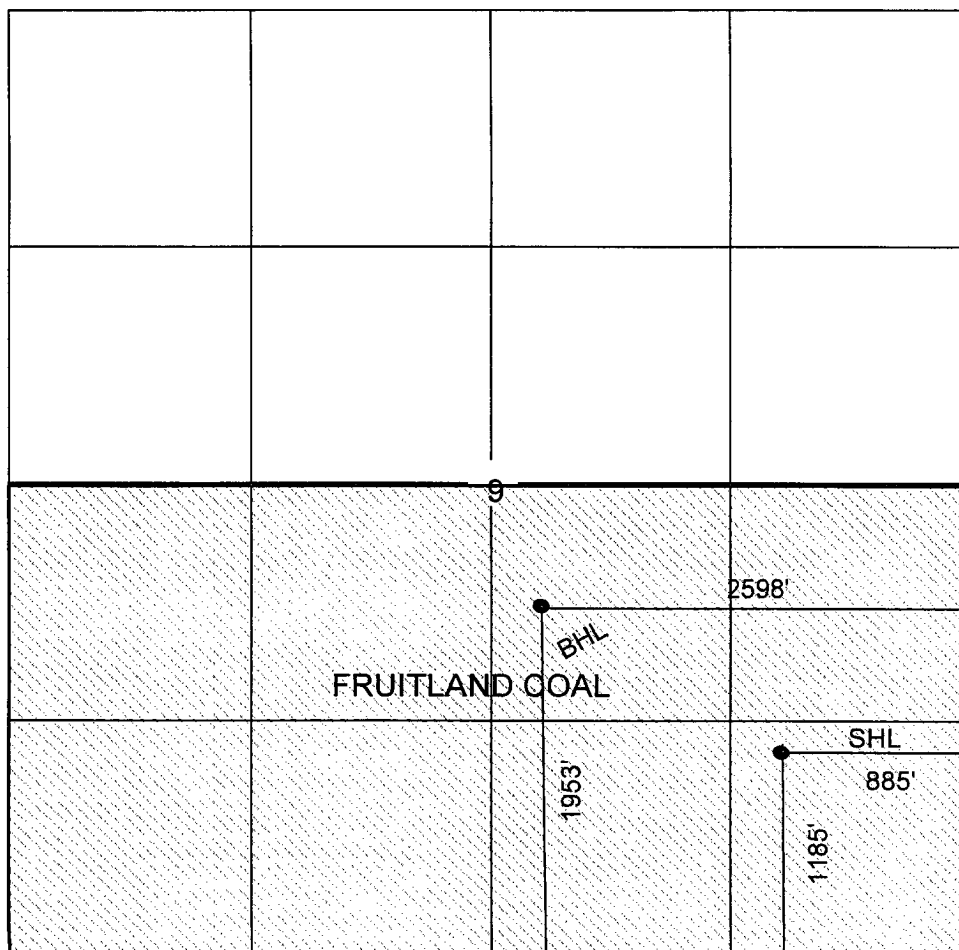
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	9	26N	11W		1185'	SOUTH	885'	EAST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	10	26N	11W		1953'	SOUTH	2598'	EAST	RIO ARRIBA

¹² Dedicated Acres S/2 320	¹³ Joint or Infill I	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Lorri Bingham
Signature

LORRI BINGHAM

Printed Name

REGULATORY COMPLIANCE TECH

Title

11/17/06

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

10/25/1960

Date of Survey

Original Survey Signed By:

Ernest V. Echhawk

Certificate Number

1545

g

XTO ENERGY INC.

OH Randel #14S

APD Data

November 16, 2006

Location: 1185' FSL x 885' FEL Sec 9, T26N, R11W County: San Juan State: New Mexico
Bottomhole Location: 1953' FSL x 2598' FEL Sec 9, T26N, R11W

GREATEST PROJECTED TD: 3143'
APPROX GR ELEV: 6304'

OBJECTIVE: Basin Fruitland Coal
Est KB ELEV: 6316' (12' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 360'	360' to 3143'
HOLE SIZE	12.25"	8.75"
MUD TYPE	FW/Spud Mud	FW/Polymer
WEIGHT	8.6-9.0	8.4-8.8
VISCOSITY	28-32	28-32
WATER LOSS	NC	NC

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes.

2. CASING PROGRAM:

Surface Casing: 9.625" casing to be set at $\pm 360'$ in a 12-1/4" hole filled with 9.20 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-360'	360'	36.0#	J-55	ST&C	2020	3520	394	8.921	8.765	11.73	20.44	30.40

Intermediate Casing: 7" casing to be set at $\pm 1640'$ MD, 1550' TVD in 8.75" hole filled with 9.20 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-1640	1640'	20.0#	J-55	ST&C	2270	3740	234	6.456	6.331	2.89	4.77	7.13

Production Casing: 4.5" casing to be set at $\pm 3140'$ MD, 1650' TVD in 6.125" hole filled with 8.4 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-3530'	3530'	11.6#	J-55	ST&C	4960	5350	154	4.00	3.875	6.88	7.42	4.22

Note: Tensile safety factor based on vertical well conditions, collapse and burst safety factors based on 8.4 ppg mud at TVD with no backup.

3. WELLHEAD:

- A. Casing Head: WHI QDF System (or equivalent), 9-5/8" x 7", 3,000 psig WP (4,000 psig test) with 9-5/8" 8rnd thread ST&C pin end on bottom and 4-1/2" slips on top.

- B. Tubing Head: WHI W2F (or equivalent), 7.063" nominal, 5,000 psig WP (5,000 psig test), 5-1/2" slip-on or weld-on.

4. CEMENT PROGRAM (Slurry design may change slightly, but the plan is to circulate cement to surface on both casing strings):

- A. Surface: 9.625", 36.0#, J-55, ST&C casing to be set at $\pm 360'$ in 12-1/4" hole.

162 sx of Type III cement (or equivalent) typically containing accelerator and LCM, mixed at 14.5 ppg, 1.39 ft³/sk, & 6.70 gal wtr/sk.

Total slurry volume is 225 ft³, 100% excess of calculated annular volume to 360'.

- B. Intermediate: 7", 20.0#, J-55 (or K-55), ST&C casing to be set at $\pm 1640'$ in 8.75" hole.

LEAD:

± 95 sx of Premium Lite HS (Type III/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 12.5 ppg, 2.01 ft³/sk, 10.55 gal wtr/sx.

TAIL:

100 sx Type III or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 14.2 ppg, 1.54 cuft/sx, 8.00 gal/sx.

Total estimated slurry volume for the 7" production casing is 345 ft³.

- C. Production: 4.5", 11.6#/ft, K-55, ST&C casing is to be set at 3140' MD, 1650' TVD in 6.125" hole. A DV/ECP tool will be set @ 1,800' MD with only the stage above the ECP to be cemented. Designed TOC @ 1000'.

± 50 sx of Premium Lite High Strength FM + 2% bwow Potassium Chloride + 0.5 lbs/sack Cello Flake + 0.5% bwoc FL-52 + 2% bwoc Pheno Seal (Mixed at 12.5 ppg, 2.01 cuft/sk, 10.55 gal water/sk)

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs(when applicable) plus 40%. It will be attempted to circulate cement to the surface.

5. LOGGING PROGRAM:

- A. Mud Logger: The mud logger will come on at surface shoe and will remain on the hole until TD. The mud will be logged in 10' intervals.
- B. Open Hole Logs as follows: Gamma Ray from Surface shoe to TD.

6. **FORMATION TOPS:**

Est. KB Elevation: 6316'

<u>FORMATION</u>	<u>TV Sub-Sea</u>	<u>TVD</u>
Ojo Alamo SS	5710	606
Kirtland Shale	5593	723
Farmington SS		
Fruitland Formation	5201	1115
Lower Fruitland Coal*	4672	1644
TD	4646	1670
<i>* Primary Objective</i>		<i>** Secondary Objective</i>

**** Maximum anticipated BHP should be <2,000 psig (<0.30 psi/ft) *****

7. **COMPANY PERSONNEL:**

Name	Title	Office Phone	Home Phone
John Egelston	Drilling Engineer	505-564-6734	505-330-6902
Jerry Lacy	Drilling Superintendent	505-566-7917	505-320-6543
John Klutsch	Project Geologist	817-885-2800	--

JWE
11/16/06