

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

SUNDRY NOTICES AND REPORTS ON WELLS

FEB 19 2013

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Armadillo Field Office  
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM-028226C
2. Name of Operator XTO ENERGY INC.		6. If Indian, Allottee or Tribe Name
3a. Address 382 CR 3100 AZTEC, NM 87410	3b. Phone No. (include area code) 505-333-3176	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1215' FNL & 895' FEL NENE SEC. 3 (A) -T30N-R13W N.M.P.M.		8. Well Name and No. JF BELL #3
		9. API Well No. 30-045-32325
		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 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 recomplete 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 final site is ready for final inspection.)

XTO Energy Inc. intends to plug and abandon this well per the attached procedure. Please see also the attached current and proposed wellbore diagrams.

Notify NMOCD 24 hrs  
prior to beginning  
operations

RCVD APR 2 '13  
OIL CONS. DIV.  
DIST. 3

# Extend Fruitland plug upto 1510'

# Add a 100' inside plug plus 50% excess across the PC top. This plug does not need to be tagged above 1930'.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) SHERRY J. MORROW	Title REGULATORY ANALYST
Signature <i>Sherry J. Morrow</i>	Date 2/14/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date MAR 27 2013
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, 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

CLJ \_\_\_\_\_  
TWD \_\_\_\_\_  
Approved \_\_\_\_\_

**JF Bell #3**  
**P&A Fruitland Coal**  
**UL A, Sec 3, T30N, R13W**  
**San Juan County, New Mexico**

**AFE# / WELL#** 1001889 / 68888  
**Formation:** FC  
**Production Csg:** 4-1/2", 10.5# CSG @ 2,149'.  
**PBTD:** 2,105'  
**Tubing:** 2-3/8" x 30' OEMA, SN & 62 jts 2-3/8" tbg. SN @ 2,014'. EOT @ 2,045'.  
**Perforations:** 1,736' - 1,930'  
**Current Prod:** 0 MCFPD

**Plug and Abandonment Procedure**

1. Check anchors. MIRU PU.
2. TOH & LD rods & pmp.
3. ND WH. NU BOP.
4. TIH & tag fill (PBTD @ 2,105'). PT tbg. TOH & visually inspect tbg.
5. TIH 4-1/2" CIBP on tubing. Set CIBP @ 1,700'.
6. Load casing with water and pressure test to 550 psig for 30 minutes. Record test on chart. If casing does not test, spot and tag subsequent plugs as appropriate.
7. MIRU cement truck.
8. Pump 4 sx class "G" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing from 1,700' – 1,750'.
9. Pump 12 sx class "G" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot balance plug from 1,319' – 1,419' (volume calculated with 50% excess).  
16.54 15.54
10. ND BOP.
11. Pump 40 sx class "G" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot balance plug from surface – 537'.
12. LD all tubing. RDMO PU.
13. WOC 4 hours.
14. Cut off wellhead. Fill in casing as needed with cement. Install P&A marker.
15. Cut off anchors and reclaim location.

**Regulatory Requirements**

C-144 Form

NOI for P&A on form C-103

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

**Materials**

1 flowback tank

56 sx cl "G" cmt

Cement truck

1 – 4-1/2" CIBP

P&A marker



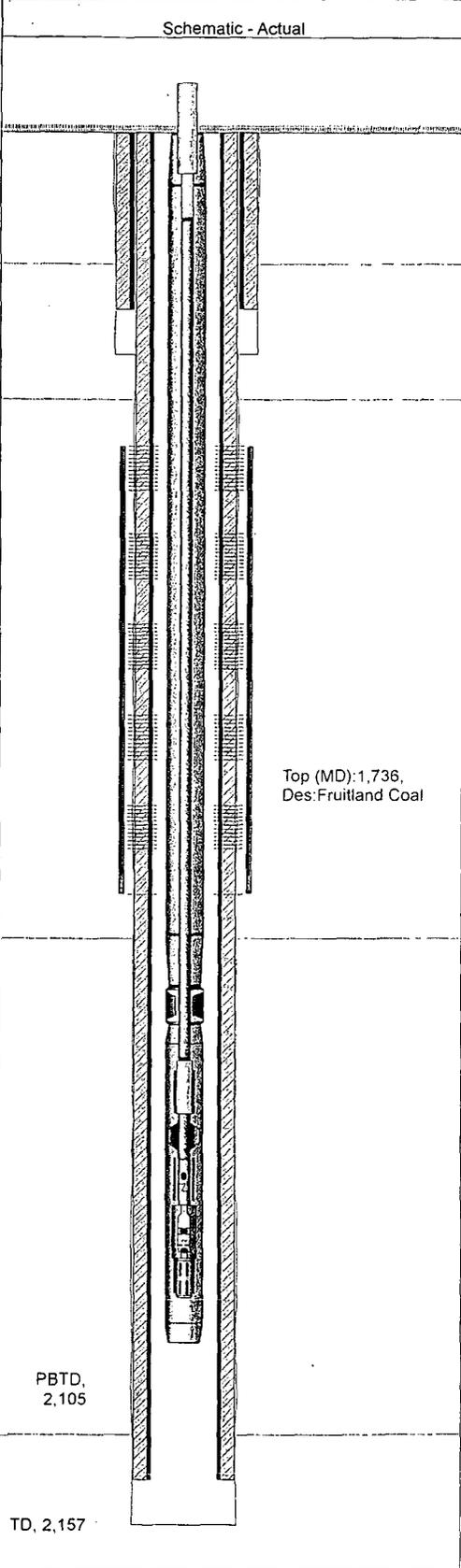
# XTO - Wellbore Diagram

Current

**Well Name: JF Bell 03**

API/UWI 30045323250000	E/W Dist (ft) 895.0	E/W Ref FEL	N/S Dist (ft) 1,215.0	N/S Ref FNL	Location T30N-R13W-S03	Field Name Basin Fruitland Coal	County San Juan	Slate New Mexico
Well Configuration Type Vertical	XTO ID B 68888	Orig KB Elev (ft) 5,851.00	Gr Elev (ft) 5,845.00	KB-Grd (ft) 6.00	Spud Date 7/13/2004	PBTD (All) (ftKB) Original Hole - 2105.0	Total Depth (ftKB) 2,157.0	Method Of Production Beam

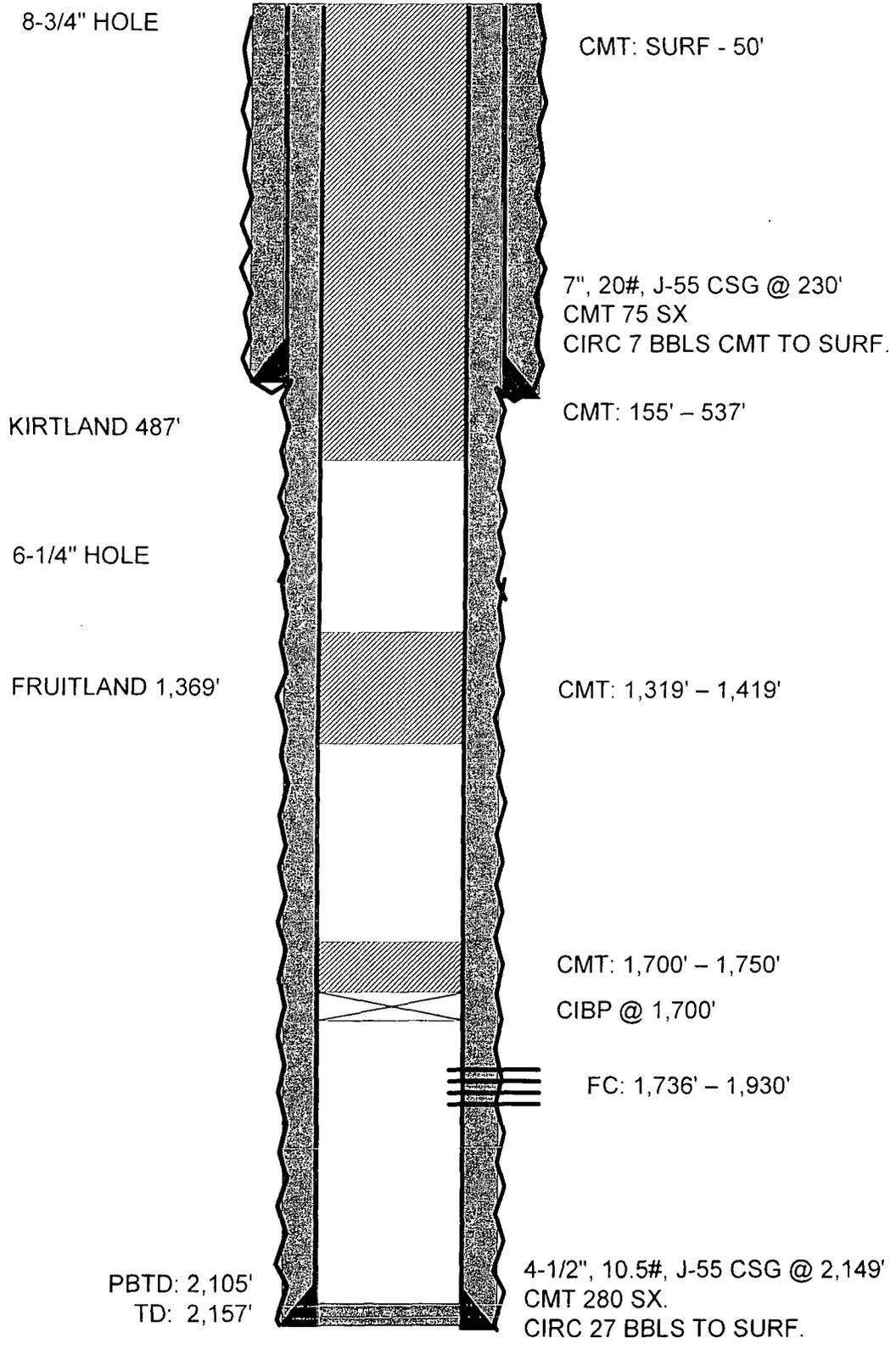
Well Config: Vertical - Original Hole, 2/13/2013 3:47:50 PM



Zones		Top (ftKB)		Btm (ftKB)						
Fruitland Coal		1,736.0		1,930.0						
<b>Casing Strings</b>										
-9	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
	Surface	7	20.00	J-55		230.0				
6	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
	Production	4 1/2	10.50	J-55		2,149.0				
7	<b>Cement</b>									
15	Description	Type	String							
	Production Casing Cement	casing	Production, 2,149.0ftKB							
156	Comment									
230	Description	Type	String							
	Surface Casing Cement	casing	Surface, 230.0ftKB							
233	Comment									
1,657	<b>Perforations</b>									
1,736	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr... Status	Zone		
1,739	8/31/2004	1,736.0	1,739.0	3.0				Fruitland Coal		
	8/31/2004	1,745.0	1,749.0	3.0				Fruitland Coal		
1,745	8/31/2004	1,766.0	1,769.0	3.0				Fruitland Coal		
	8/31/2004	1,817.0	1,821.0	3.0				Fruitland Coal		
1,749	8/31/2004	1,842.0	1,847.0	3.0				Fruitland Coal		
	8/31/2004	1,930.0	1,930.0	3.0				Fruitland Coal		
1,766	<b>Tubing Strings</b>									
1,769	Tubing Description	Run Date	Set Depth (ftKB)							
	Tubing - Production	12/12/2007	2,044.7							
1,817	<b>Tubing Components</b>									
1,821	Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
	Tubing	62	T&C Upset	2 3/8	4.70	J-55		2,007.55	6.0	2,013.6
1,842	Seat Nipple	1		2 3/8				1.10	2,013.6	2,014.7
1,847	OEMA	1		2 3/8	4.70	J-55		30.00	2,014.7	2,044.7
1,930	<b>Rods</b>									
1,933	Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)					
	Insert Pump	11/23/2010	2,040.00		2,031.0					
2,013	<b>Rod Components</b>									
	Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
	Polished Rod	1		1 1/4		16.00	-9.0	7.0		
2,015	Rod Sub	1		3/4	D	8.00	7.0	15.0		
	Sucker Rod	80		3/4	D	2,000.00	15.0	2,015.0		
2,015	Lift Sub	1		1		1.00	2,015.0	2,016.0		
	Spiral Rod Guide	5		3/4		1.00	2,016.0	2,017.0		
2,016	RHBO Tool	1		3/4		1.00	2,017.0	2,018.0		
	Rod Insert Pump	1		1 1/2		12.00	2,018.0	2,030.0		
2,017	Strainer Nipple	1		1		1.00	2,030.0	2,031.0		
2,018	<b>Stimulations &amp; Treatments</b>									
2,030	Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
2,031	Comment									
	IHS 297 Well Import									
	Test number: 001									
2,045	Measurement: gal lb									
2,105										
2,121										
2,149										
2,157										

# Proposed

KB: 5,851'  
GL: 5,845'  
KB CORR: 6'



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: 3 JF Bell

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) Place the Fruitland plug from 1654' – 1554'.

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.



## P&A Reclamation Plan

3/26/2013

JF Bell 3

Sec.3A, T30N, R13W

API # 30-045-30325

Latitude:36.8454, Longitude: -108.1860

### ***1.0 PURPOSE and SCOPE***

1.1) The purpose of this document is to ensure final reclamation of associated pad and access roads as required by applicable laws and regulations. Properly performed reclamation procedures are required to preserve Private, Public, Tribal and National Forest lands, mitigating any possible environmental/surface owner issues that could potentially arise. This reclamation plan is designed to provide environmentally sound, safe, prudent and specific guidelines, while implementing Best Management Practices, to assist in returning disturbed soils to a level consistent with the surrounding topography prior to the approved disturbance.

### ***2.0 PRE-RECLAMATION SITE INSPECTION***

2.1) A pre-reclamation site inspection with Farmington Field Office (FFO) Authorized Officer (AO) **Randy McKee** and XTO Energy, Inc. representative **Brent Beaty** took place on **3/20/2013**, prior to implementation of the reclamation process to determine contours, silt trap placement; seed mix selection, weed abatement procedures as well as additional requirements needed to assist in returning the area to applicable pre-disturbance condition.

### ***3.0 PROCEDURES***

3.1) Rehabilitation work will be completed within one year from plug date. No new disturbance will be allowed outside current disturbed areas to be reclaimed. Notifications, as stipulated in the APD, will be provided to proper authorities via sundry notifications, e-mail, or phone within required time frames.

3.2) All fences, production equipment, purchaser's equipment, concrete slabs, anchors, flow lines (above ground and/or subterranean), risers (***meter run, riser, and sales line to be***

*removed to dog leg approximately 40 feet as determined during onsite*), debris, and trash will be removed from location and disposed of at approved facilities.

**3.3) Production pits** will be closed and remediated according to Federal, State, and Local guidelines. Proper notifications will be made according to above regulations as required. Impacted soil discovered during reclamation activities will be remediated and disposed of at an approved waste facility according to above mentioned guidelines and regulations.

**3.4) Available top soil**, typically the top 6", will be stockpiled during reclamation procedures with the top soil being redistributed after completion of earthwork to assist in achieving adequate vegetation growth.

**3.5) Gravel** on location will be removed and/or may be placed/buried in cut areas to assist in contouring or, with AO approval, used on surrounding lease roads for road stabilization. (*Gravel may be distributed on surrounding lease roads as determined during onsite inspection.*)

**3.6)** Disturbed areas will be returned (as close as possible), weather permitting, to pre-disturbance topography. *Two drainage turnouts will be installed on east entrance to location to assist in erosion control as determined during onsite.* The removal of sharp angular corners and redefinition of natural drainage will be priority allowing for additional contouring, as needed, to aid in erosion control. Reclaimed areas will be ripped to depths of a minimum of 12" (inches), leaving the surface as rough as necessary, to provide sufficient root establishment, growth, and stabilization of disturbed areas.

**3.7)** Access roads not required will be reshaped, reclaimed and contoured as close as possible to surrounding area (*Access road will be left in place providing access to producing well and recreational traffic as determined during onsite*). Top soil, typically the top 6", preserved during reclamation procedures will be pulled up and redistributed after completion of earthwork to assist in achieving adequate vegetation growth. Erosion control water bars will be placed, only when necessary, on excessive slopes as indicated:

% Slope	Spacing
Less than 20%	200'
2 to 5%	150'
6 to 9%	100'
10 to 15%	50'
> 15%	30'

**Note: Water bars should divert to the downhill side of the road.**

3.8) Seeding will be accomplished, following proper agency notifications, with recommended procedures. Appropriate certified weed free seed mixes (*determined during onsite inspection*) will be used. *The Saltbush Shadscale/Winterfat community was identified with Fourwing saltbush @ 4.0 PLS/acre, Shadscale saltbush @ 2.0 PLS/acre, Indian ricegrass @ 4.0 PLS/acre, Alkali sacaton @ 0.25 PLS/acre, Galleta @ 3.0 PLS/acre, Western wheatgrass @ 3.0 PLS/acre, Blue grama @ 2.5 PLKS/acre and Scarlett globemallow @ 0.25 PLS/acre being chosen during onsite as preferred seed mix for this location.* Seed will be distributed via appropriate methods as dictated by topography of reclaimed areas. Additional methods, as dictated by reclaimed topography, may be utilized to control runoff and assist in established growth.

3.9) Fencing, signage, and other deterrents will be installed when deemed necessary to discourage travel on reclaimed areas. (*None needed as determined during onsite*)

#### **4.0 ARCHAEOLOGICAL CONCERNS**

4.1) Any disturbance activity outside approved areas will require additional BLM approval and may require an additional survey.

4.2) All employees will be educated on the importance of cultural site preservation and legalities of disturbing cultural sites.

4.3) If any cultural sensitive areas are unearthed during the reclamation process work will be immediately suspended with the incident reported to the BLM. The BLM will then notify XTO how to proceed.

#### **5.0 THREATENED AND ENDANGERED SPECIES (T&E)**

5.1) If any T&E not previously surveyed are discovered during reclamation activities work will be immediately suspended and the BLM T&E Specialist will be promptly notified.

#### **6.0 WILDLIFE RESTRICTIONS**

6.1) Closures and restrictions specified in the APD, if applicable, will be strictly adhered to.

#### **7.0 PALEONTOLOGY**

7.1) Unknown paleontology discoveries during the reclamation process will immediately halt activities and the BLM AO will be notified. XTO will standby for further instructions.

#### **8.0 ABANDONMENT MARKER**

8.1) Required marker as specified by the BLM, will remain in place.

**9.0 WEED MANAGEMENT**

9.1) Use of approved pesticides/herbicides shall be according to applicable Federal, State, Tribal and local laws. Management of Invasive and Noxious Weeds, as listed on the BLM Noxious and Invasive list, will be dealt with in a prompt and environmentally safe manner. Noxious or invasive weeds will be eradicated using pesticides/herbicides appropriate for the type of weed found and seed mixes used on reclaimed areas. Pesticide/herbicide use shall be approved by BLM Specialist prior to application. Emergency pesticide/herbicide use shall be approved by BLM Specialist prior to application. Proper authorities will be notified at times specified by BLM with required information regarding pesticide use plans (PUPs), spraying procedures and types of weeds found. *(No noxious or invasive weeds were identified during onsite. Monitoring will continue during life of project as required by laws, rules and regulations).*

**Noxious Weeds Identified in New Mexico:**

Russian Knapweed (Centaurea)	Musk Thistle (Carduus nutans)
Bull Thistle (Cirsium vulgare)	Canada thistle (Cirsium arvense)
Scotch Thistle (Onopordum acanthium)	Hoary Cress (Cardaria draba)
Perennial Pepperweed (Lepidium Latifolium)	Halogeton (Halogeton glomeratus)
Spotted Knapweed (Centaurea maculosa)	Dalmation Toadflax (Linaria genistifolia)
Yellow Toadflax (Linaria vulgaris)	Camelthorn (Alhagi pseudalhagi)
African Rue (Peganum harmala)	Saltcedar (Tamarix spp.)
Diffuse Knapweed (Centaurea diffusa)	Leafy Spurge (Euphorbia esula)

**10.0 MONITORING**

10.1) After attaining reclamation approval FFO and operator will establish a *line point intercept transect* for the achievement of *required growth percentages with relation to chosen plant communities*. Growth monitoring will be conducted and recorded as required until appropriate growth is accomplished. Vegetative cover will be accomplished when growth has reached amounts equal to those required for specific well locations and appropriate procedures.