

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

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.  
Bureau of Land Management  
Farmington Field Office

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. NMSF-079162
2. Name of Operator XTO ENERGY INC.		6. If Indian, Allottee or Tribe Name N/A
3a. Address 382 CR 3100 AZTEC, NM 87410	3b. Phone No. (include area code) 505-333-3100	7. If Unit or CA/Agreement, Name and/or No. N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 782 FNL x 466 FEL in Sec 7, T26N, R7W		8. Well Name and No. MKL #13
		9. API Well No. 30-039-06615
		10. Field and Pool, or Exploratory Area S BLANCO PC
		11. County or Parish, State RIO ARriba 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 checked="" type="checkbox"/> Other <u>Full Body</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Make Over</u>
	<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 do a FRMO to this well per the attached procedure. The existing location needed to be widen on the Northwest and Northeast corners to accomodate setting the anchors for the workover rig. See attached location layout. A cultural survey of the location has been completed and submitted to the BLM office.

A new survey was conducted on the existing location and a revised C102 is attached reflecting the new footages based on current technology.

OLD SHL: 1020 FNL x 360 FEL

RCVD SEP 2 '09

NEW SHL: 782 FNL x 466 FEL

OIL CONS. DIV.  
DIST. 3

will require N.S.L. (not obtained for original location) no shut in.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Kyla Vaughan		Title Permitting Analyst
Signature Kyla Vaughan		Date 07/29/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by [Signature]	SCW	Title Branch Chief Enr.	Date 8/27/09
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	

NMOCD

Dusty M.

LWF: 2w5-10-13-08  
RNL: RM 11-19-08  
TJF: DF-3123-09  
DLC: DF-6-DLL 5-13-09

MKL #13  
SEC 10, T 26 N, R 07 W  
RIO ARRIBA COUNTY, NEW MEXICO

(7A)  
Formation: South Blanco Pictured Cliffs  
Surface csg: 10-3/4", 32# csg @ 99'.  
Production csg: 7", 20# csg @ 2,178'. Did not circ cmt to surf.  
Openhole: 2,178'-2,265'.  
Tbg: 2-3/8" @ 2,245'.  
Current Status: F. 0 BO, 0 BW, 17 MCFPD

- 1) MIRU PU with pump, pit and 3-1/2" power swivel.
- 2) MI 3 - 400 bbl tanks, 75 jts 2-7/8" work string, 4 - 3-1/8" DC's, 2,400' - 4-1/2", 10.5#, J-55 casing, 75 joints 2-3/8", 4.7#, J-55, EUE, 8rd tubing, 94 - 3/4" grade "D" rods with slimhole couplings and adequate pony rods to space out pump.
- 3) Blow well down. ND WH. NU BOP. TOH with tubing and lay down.
- 4) TIH with 7" RBP to 700'. Set RBP at 700'. Pressure test casing and RBP to 300 psig for 5 minutes. Blow well down. ND WH.
- 5) Cut off 10-3/4" and 7" casing. Install new or reconditioned WH.
- 6) NU BOP. TIH with tubing. Release RBP. TOH with RBP. TIH with tubing and release RBP. TOH with tubing and RBP. PU and TIH with 6-1/4" bit, 4 - 3-1/8" DC's and 2-7/8" tubing. MIRU AFU. Clean out openhole to 2,265'. Drill new hole from 2,265' to 2,400'
- 7) **Notify BLM and NMOCD of cementing operations.**
- 8) Circulate hole with Baroid Ez Drill mud (liquid polymer). If circulation is lost or not attainable call Loren W Fothergill for revised cement program.
- 9) TOH and lay down 2-7/8" tubing, DC's and bit. TIH with 4-1/2", 10.5#, J-55, casing to 2,400' as follows:
  - A. Texas Pattern Guide Shoe
  - B. One (20') joint 4-1/2"
  - C. 4-1/2" Flapper float collar
  - D. 4-1/2", 10.5#, J-55 casing to surface.
- 10) RU the cementing head and circulate a minimum of two casing volumes. Circulate red dye to determine the volume of cement required. Cement casing to surface with  $\pm 75$  sx Premium Lite High Strength FM cement (11.4 #/gals, 2.66 cuft/sk). Tail in w/100 sx Premium Lite High Strength FM cement w/2% Pheno Seal, 1/4#/sx Celloflake, 0.2% CD-32 and 5% A-10 (12.4 #/gals, 2.06 cuft/sx). Displace cement with fresh water. Bump plug to 500 psig over final displacement pressure. **Do not over displace.**
- 11) Land the 4-1/2" in casing spool. RDMO PU.

NMOCD

- 12) ND BOP. NU WH. NU 5,000 psig WP frac valve.
- 13) MIRU WL. Run GR/CCL/CBL from PBTD to 500'. NOTE: If cement is circulated to surface, do not run CBL.
- 14) Pressure test casing to 2,000 psig for 30 minutes and then to 4,000 psig for 5 minutes.
- 15) Perforate PC from 2,195'-2,215' with 4 JSPF.
- 16) MIRU acid and pump trucks. BD PC perforations from 2,195' to 2,215' with 1,500 gals 15% HCl acid and 47 -7/8" RCN ball sealers. Surge balls off perforations. Flush acid with 1,650 gals 2% KCl water. Over displace acid by 3 bbl. RIH with junk basket and knock off balls. RDMO WL. Establish injection rate. RDMO acid and pump trucks.
- 17) MIRU frac equipment. Frac the Pictured Cliffs from 2,195'-2,215' down 4-1/2" casing at 45 BPM with 50,000 gals 70Q, N<sub>2</sub> foamed, 17# linear gelled, 2% KCl water carrying 82,000# 16/30 Brady sand and 20,000# 16/30 Super LC RC sand. Do not exceed 4,000 psig. Flush with 1,345 gals 70Q, N<sub>2</sub> foamed, 17# linear gel (3 bbl under flush). Record ISIP and 5" SIP's.

**Pictured Cliffs Schedule**

Stage	BPM	Fluid	Vol Gals	Prop Conc	Prop
Pad	45	17# 70Q foam	10,000		
2	45	17# 70Q foam	10,000	1	10,000# 16/30 Brady
3	45	17# 70Q foam	10,000	2	20,000# 16/30 Brady
4	45	17# 70Q foam	8,000	3	24,000# 16/30 Brady
5	45	17# 70Q foam	7,000	4	28,000# 16/30 Brady
6	45	17# 70Q foam	5,000	4	20,000# 16/30 Brady w/RC sd
Flush	35	17# linear gel	1,345		

- 18) RDMO frac equipment. SWI for a minimum of 4 hours.
- 19) Flow back well thru a choke manifold to pit. Start with 8/64" ck. Increase choke size as appropriate.
- 20) TIH with hydrostatic bailer, SN and 2-3/8" tubing. CO to 2,380'.
- 21) TOH with bailer and tubing.
- 22) TIH with 30' x 2-3/8" OEMA with 3/16" weep hole, SN and 2-3/8" tubing. Tag PBTD. PU and land tubing at 2,300'.
- 23) TIH with 2" x 1-1/4" x 10' RWAC-Z-DV pump, RHBO tool, 1' lift sub, 3 - 1-1/4" sinker bars and 3/4" grade "D" rods to surface.
- 24) Space out pump. HWO.
- 25) Load tubing and check pump action.
- 26) RDMO PU.
- 27) MI and set C-50-89-54 ppg unit and a Daihatsu gas engine.

28) Start well ppg at 4 SPM and 42" SL.

29) Report rates and pressures to Loren Fothergill.

**REGULATORY REQUIREMENTS:**

1. BLM approval to deepen well, run casing and fracture stimulate well.

**SERVICES:**

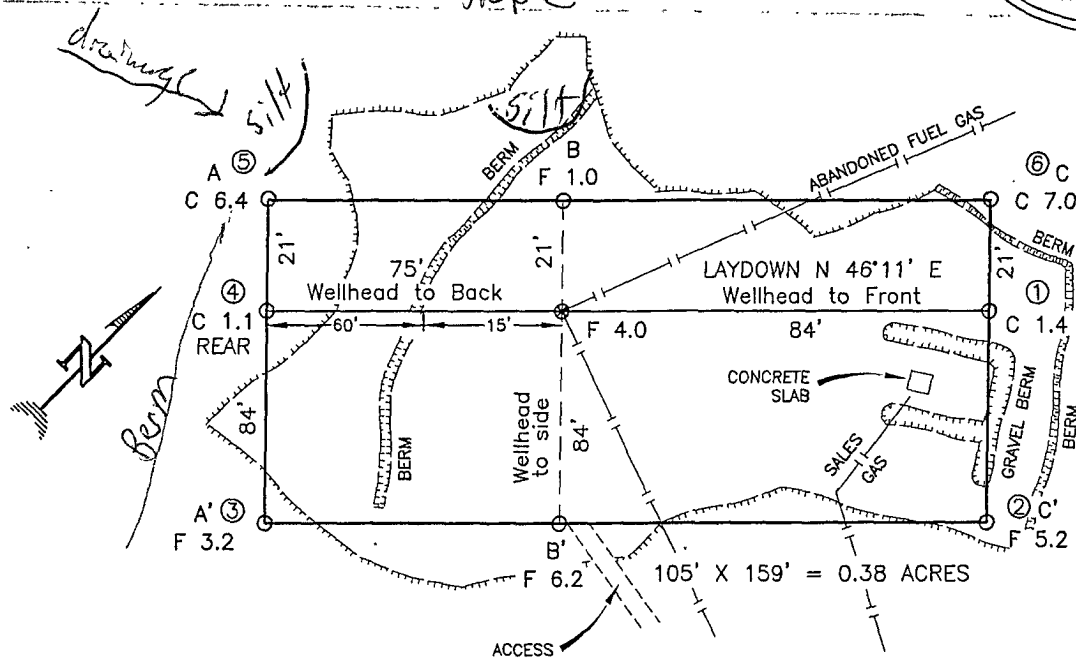
1. Halliburton Frac.
2. Perforating company: Blue Jet
3. Stinger 5,000 psig WP frac valve.

**EQUIPMENT LIST:**

1. Tbg: 74 jts (2,361') 2-3/8", 4.7#, J-55, EUE, 8rd tbg.
2. C-50-89-54 unit with min ECB 4,365 lbs and a Daihatsu gas engine. Gearbox will require oil wipers. Set stroke length at 42".
3. Pump and Rods: 2" x 1-1/4" x 10' RWAC-Z-DV pump, RHBO tool, 1' lift sub, 3 - 1-1/4" sinker bars and 3/4" grade "D" rods to surface.

XTO ENERGY INC.  
 MKL No. 13, 782 FNL 466 FEL  
 SECTION 7, T26N, R7W, N.M.P.M., RIO ARRIBA COUNTY, N.M.  
 GROUND ELEVATION: 6130' *slope* DATE: JULY 1, 2009

NAD 83  
 LAT. = 36.50614° N  
 LONG. = 107.60860° W  
 NAD 27  
 LAT. = 36°30'22.07" N  
 LONG. = 107°36'28.77" W



RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).  
 BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.

ELEV. A-A'	C/L			
6140				
6130				
6120				
6110				

ELEV. B-B'	C/L			
6140				
6130				
6120				
6110				

ELEV. C-C'	C/L			
6140				
6130				
6120				
6110				

NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

REVISION	DATE	REVISED BY
<p><b>Daggett Enterprises, Inc.</b>          Surveying and Oil Field Services          P. O. Box 510 Farmington, NM 87499          Phone (505) 326-1772 - Fax (505) 326-6019          NEW MEXICO L.S. No. 8894</p>		
<p>DRAWN BY: G.V.          ROW#: CR1119</p>		<p>CABLE CR1119_CFB          DATE: 7/10/09</p>