

XTO - Wellbore Diagram

Well Name: FRPC 29-02

API/UVI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
30045312420000	1,115.0	FWL	1,345.0	FNL	T29N-R13W-S29	Basin Fruitland Coal	San Juan	New Mexico
Well Configuration Type	XTO ID B	Orig KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	PBTD (All) (ftKB)	Total Depth (ftKB)	Method Of Production
Vertical	77435	5,463.00	5,458.00	5.00	5/3/2003	Original Hole - 1349.0	1,350.0	Beam

Well Config: Vertical - Original Hole: 10/21/2014 9:19:48 AM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zone	Top (ftKB)	Btm (ftKB)
					Fruitland Coal	1,028.0	1,145.0
Casing Strings							
0	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)	
	Surface	7	17.00	H-40		126.0	
5	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)	
	Production	4 1/2	10.50	J-55		1,349.0	
Cement							
22	Description	Type	String				
	Surface Casing Cement	casing	Surface, 126.0ftKB				
42	Comment						
	Cmt csg w/50 sx Cl 'B' w/2% CaCl2 & 0.25# CelloFlake (15.6 ppg, 1.18 cuft/sk). Circ 4 bbls to surf.						
125	Description	Type	String				
	Production Casing Cement	casing	Production, 1,349.0ftKB				
126	Comment						
	Cmt csg w/160 sx Cl 'B' cmt. Circ 14 bbls cmt to surf.						
292	Perforations						
1,028	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (*)	Zone
		1,028.0	1,038.0				Fruitland Coal
1,038		1,120.0	1,126.0				Fruitland Coal
		1,142.0	1,145.0				Fruitland Coal
1,092	Tubing Strings						
	Tubing Description	Run Date	Set Depth (ftKB)				
1,120	Tubing - Production	5/17/2013	1,271.2				
Tubing Components							
1,126	Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Grade	Top Thread
1,142	Tubing	39	T&C Upset	2 3/8	4.70	J-55	
	Seat Nipple	1		2 3/8			
1,145	OEMA w/Weep Hole	1		2 3/8	4.70	J-55	
1,217	Rods						
	Rod Description	Run Date	String Length (ft)			Set Depth (ftKB)	
1,218	Rod String	5/17/2013	1,257.00			1,257.0	
Rod Components							
1,240	Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)
	Polished Rod	1		1 1/4		22.00	0.0
	Rod Sub	4		3/4	D	20.00	22.0
1,241	Sucker Rod w/Snap On Guides	10		3/4	D	250.00	42.0
1,242	Sucker Rod	32	WCN-78	3/4	D	800.00	292.0
	Sucker Rod w/Molded Guides	5		3/4	D	125.00	1,092.0
1,243	Shear Tool - 21K	1		7/8		0.60	1,217.0
1,244	Sucker Rod w/Snap On Guides	1	WCN-78	7/8	D	25.00	1,217.6
1,256	Lift Sub	1		1		1.00	1,242.6
	Strainer Nipple	1		1		0.40	1,243.6
1,257	Rod Insert Pump	1		1 1/2		12.00	1,244.0
	Strainer Nipple	1		1		1.00	1,256.0
1,271	Stimulations & Treatments						
	Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...)	ATP (psi)
	5/4/2004	1028	1145				
1,348	Comment						
1,349	Spearhead frac w/500 gal 15% HCl. Frac w/35,894 gal AmborMax 1020 fld carrying 72,100# 20/40 Brady sd & 23,800# 20/40 SLC sd. SC 1 - 6 ppg. ATP 2,523 psig. Max TP 3,200 psig. AIR 43.8 BPM. Max IR 46.5 BPM. ISIP 900 psig. 5" SIP 635 psig. 10" SIP 600 psig. 15" SIP 595 psig.						
1,350							

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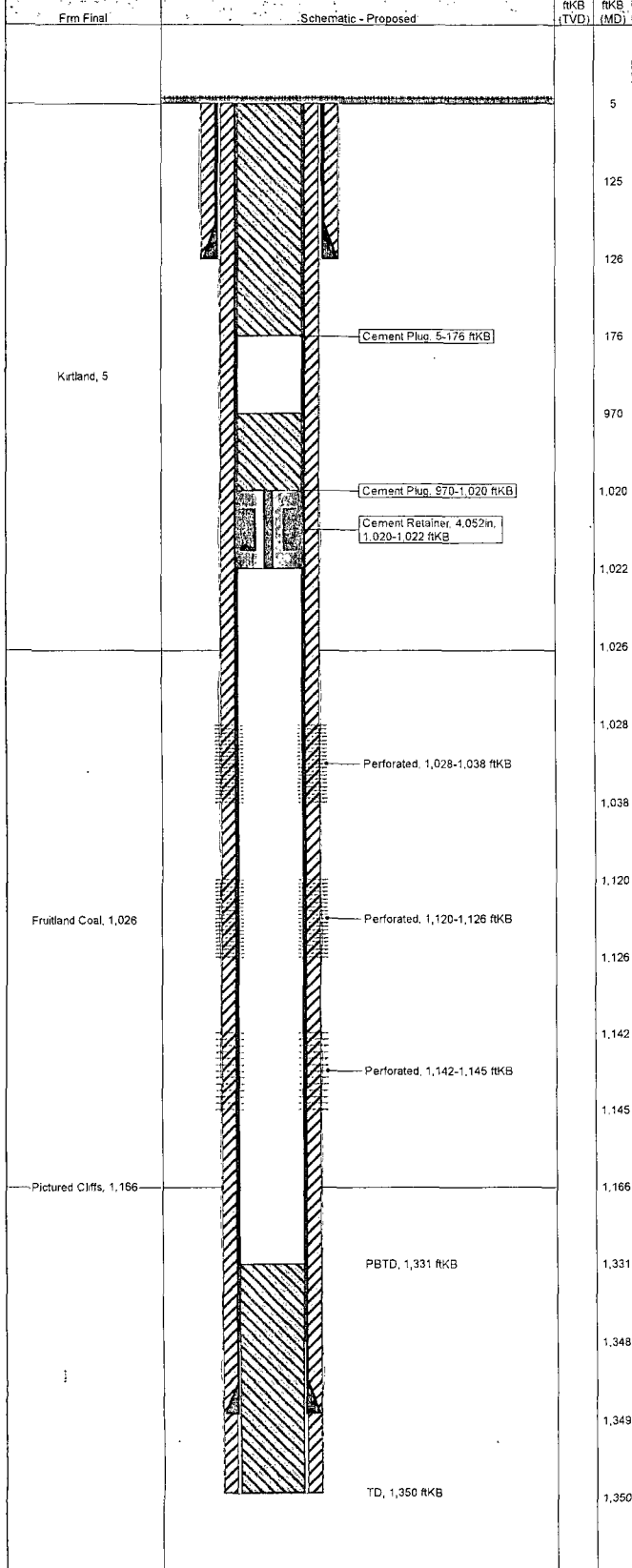


XTO - Proposed P&A Wellbore Diagram

Well Name: FRPC 29-02

API/UWI 30045312420000	E/W Dist (ft) 1,115.0	E/W Ref FWL	N/S Dist (ft) 1,345.0	N/S Ref FNL	Location T29N-R13W-S29	Field Name Basin Fruitland Coal	County San Juan	State/Province New Mexico
Well Configuration Type Vertical	XTO ID B 77435	Orig KB Elev (ft) 5,463.00	Gr Elev (ft) 5,458.00	KB-Grd (ft) 5.00	Spud Date 5/3/2003	PBTD (All) (ftKB) Original Hole - 1331.0	Total Depth (ftKB) 1,350.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 10/22/2014 8:09:21 AM



Zones						
Zone		Top (ftKB)		Btm (ftKB)		
Fruitland Coal		1,028.0		1,145.0		
Casing Strings						
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK...	
Surface	7	17.00	H-40		126.0	
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK...	
Production	4 1/2	10.50	J-55		1,349.0	
Cement						
Description	Type			String		
Surface Casing Cement	casing			Surface, 126.0ftKB		
Comment						
Cmt csg w/50 sx Cl 'B' w/2% CaCl2 & 0.25# CelloFlake (15.6 ppg, 1.18 cuft/sk). Circ 4 bbls to surf.						
Description	Type			String		
Production Casing Cement	casing			Production, 1,349.0ftKB		
Comment						
Cmt csg w/160 sx Cl 'B' cmt. Circ 14 bbls cmt to surf.						
Description	Type			String		
Cement Plug	plug			Production, 1,349.0ftKB		
Comment						
Plug 1: Pump 12 sx f/1,020' - 970'						
Description	Type			String		
Cement Plug	plug			Production, 1,349.0ftKB		
Comment						
Plug 2: Pump 26 sx f/176'- surf						
Other In Hole						
Description			OD (in)	Top (ftKB)		
Cement Retainer			4.052	1,020.0		
Perforations						
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (")	Zone
5/4/2004	1,028.0	1,038.0	3.0	0.340		Fruitland Coal
5/4/2004	1,120.0	1,126.0	4.0	0.340		Fruitland Coal
5/4/2004	1,142.0	1,145.0	1.0	0.340		Fruitland Coal

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: FRPC 29 #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 to 782 ft. to cover the Fruitland top. Adjust cement volume accordingly. BLM picks top of Fruitland Coal at 832 ft.

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.