



XTO - Wellbore Diagram

Well Name: FRPC 29-03

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
30045313270000	1,530.0	FWL	2,210.0	FSL	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	77436	5,520.00	5,515.00	5.00	5/5/2004	Original Hole - 1295.0	1,348.0	Beam

Well Config: Vertical - Original Hole, 10/22/2014 8:22:35 AM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones		Top (ftKB)	Btm (ftKB)				
					Fruitland Coal	1,076.0	1,160.0					
		Casing Strings										
		4	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
			Surface	7	20.00			124.0				
		5	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
			Production	4 1/2	10.50	J-55		1,338.0				
		Cement										
		20	Description	Type	String							
			Surface Casing Cement	casing	Surface, 124.0ftKB							
		32	Comment									
			Cmt csg w/50 sx Cl 'B' cmt w/2% CaCl2 & 0.25# celloflake (15.6 ppg & 1.18 yield). Circ 4 bbls cmt to surf.									
		124	Comment									
		128	Description	Type	String							
			Production Casing Cement	casing	Production, 1,338.0ftKB							
		757	Comment									
			Cmt csg w/100 sx Cl 'B' cmt w/2% metasilicate, 3# gilsonite, 0.25# celloflake (12.5 ppg & 2.05 yield). Tail in w/80 sx Cl 'B' cmt w/0.25# celloflake & 3# gilsonite (15.6 ppg & 1.18 yield). Circ 12 bbls cmt to surf.									
		982	Comment									
		Perforations										
		1,057	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (*)	Curr. Status	Zone		
		1,076	6/1/2004	1,076.0	1,084.0	1.0	0.380			Fruitland Coal		
			6/1/2004	1,125.0	1,128.0	1.0	0.380			Fruitland Coal		
		1,084	6/1/2004	1,132.0	1,135.0	1.0	0.380			Fruitland Coal		
			6/1/2004	1,152.0	1,160.0	4.0	0.380			Fruitland Coal		
		1,084	Tubing Strings									
		1,125	Tubing Description	Run Date	Set Depth (ftKB)							
			Tubing - Production	10/24/2012	1,239.9							
		1,128	Tubing Components									
			Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
		1,132	Tubing	34	T&C Upset	2 3/8	4.70	J-55		1,078.60	5.0	1,083.6
		1,135	Tubing	4	T&C Upset	2 3/8	4.70	J-55		125.15	1,083.6	1,208.8
		1,152	Seat Nipple	1		2 3/8				1.10	1,208.8	1,209.9
			OEMA	1		2 3/8	4.70	J-55		30.00	1,209.9	1,239.9
		1,160	Rods									
		1,207	Rod Description	Run Date	String Length (ft)			Set Depth (ftKB)				
			Insert Pump	10/18/2013	1,218.00			1,222.0				
		1,207	Rod Components									
			Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
			Polished Rod	1		1 1/4		16.00	4.0	20.0		
		1,209	Rod Sub	2		3/4	D	12.00	20.0	32.0		
			Sucker Rod	29		3/4	D	725.00	32.0	757.0		
		1,209	Sucker Rod w/Snap On Guides	9		3/4	D	225.00	757.0	982.0		
		1,210	Sucker Rod w/Molded Guides	3		3/4	D	75.00	982.0	1,057.0		
		1,221	Sucker Rod w/Snap On Guides	6	WCN-78	7/8	D	150.00	1,057.0	1,207.0		
		1,222	Shear Coupling	1		3/4		0.50	1,207.0	1,207.5		
			Lift Sub	1		1		1.00	1,207.5	1,208.5		
		1,240	Spiral Rod Guide	1		3/4		0.50	1,208.5	1,209.0		
			Rod Insert Pump	1		1 1/2		12.00	1,209.0	1,221.0		
		1,295	Strainer Nipple	1		1		1.00	1,221.0	1,222.0		
		1,338										
		1,348										

Top (MD):1,076.
Des:Fruitland Coal

PBTD,
1,295

TD, 1,348

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PBTD,
1,295

TD, 1,348

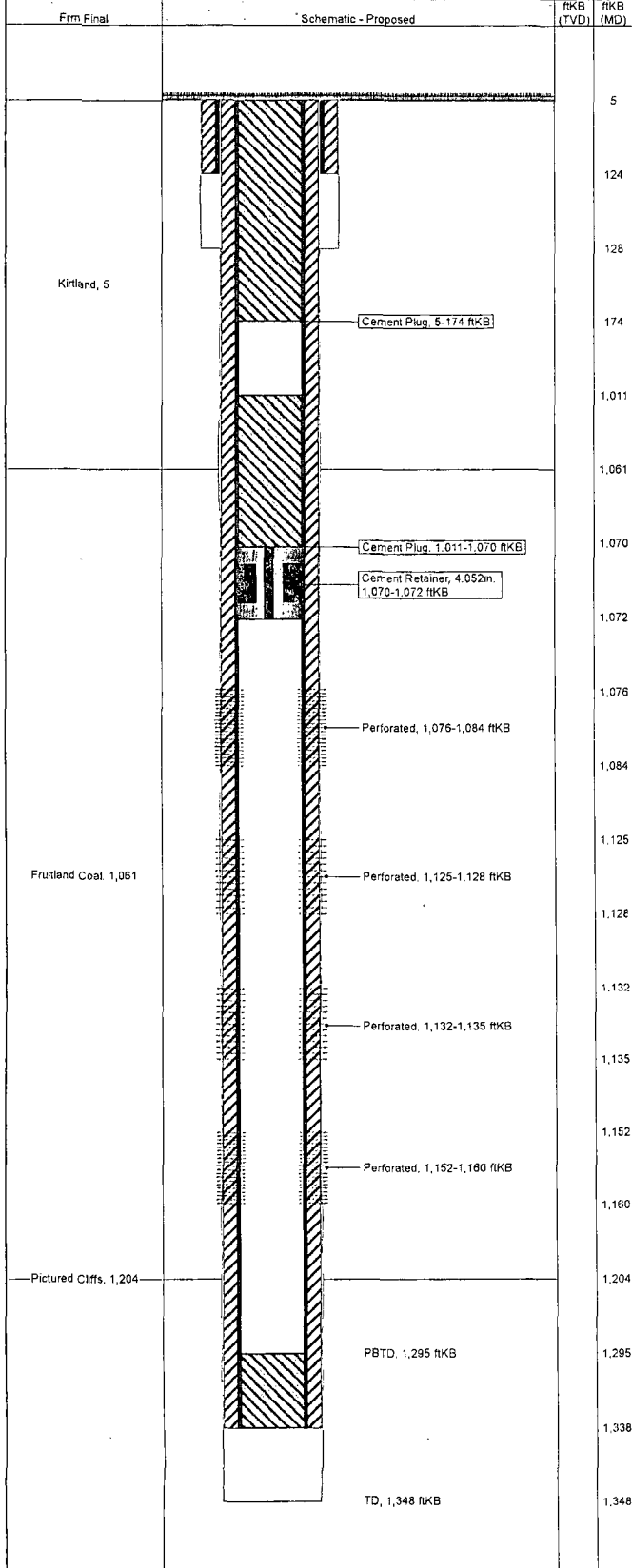


XTO - Proposed P&A Wellbore Diagram

Well Name: **FRPC 29-03**

API/UWI 30045313270000	E/W Dist (ft) 1,530.0	E/W Ref FWL	N/S Dist (ft) 2,210.0	N/S Ref FSL	Location T29N-R13W-S29	Field Name Basin Fruitland Coal	County San Juan	State/Province New Mexico
Well Configuration Type Vertical	XTO ID B 77436	Orig KB Elev (ft) 5,520.00	Gr Elev (ft) 5,515.00	KB-Grd (ft) 5.00	Spud Date 5/5/2004	PBTD (All) (ftKB) Original Hole - 1295.0	Total Depth (ftKB) 1,348.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 10/22/2014 8:41:33 AM



Zones					
Zone		Top (ftKB)		Btm (ftKB)	
Fruitland Coal		1,076.0		1,160.0	
Casing Strings					
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK...
Surface	7	20.00			124.0
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK...
Production	4 1/2	10.50	J-55		1,338.0
Cement					
Description	Type			String	
Surface Casing Cement	casing			Surface, 124.0ftKB	
Comment					
Cmt csg w/50 sx CI 'B' cmt w/2% CaCl2 & 0.25# celloflake (15.6 ppg & 1.18 yield). Circ 4 bbls cmt to surf.					
Description	Type			String	
Production Casing Cement	casing			Production, 1,338.0ftKB	
Comment					
Cmt csg w/100 sx CI 'B' cmt w/2% metasilicate, 3# gilsonite, 0.25# celloflake (12.5 ppg & 2.05 yield). Tail in w/80 sx CI 'B' cmt w/0.25# cellolake & 3# gilsonite (15.6 ppg & 1.18 yield). Circ 12 bbls cmt to surf.					
Description	Type			String	
Cement Plug	plug			Production, 1,338.0ftKB	
Comment					
Plug 1: Pump 13 sx f/1,070' - 1,011'					
Description	Type			String	
Cement Plug	plug			Production, 1,338.0ftKB	
Comment					
Plug 2: Pump 26 sx f/174' - surf					
Other In Hole					
Description			OD (in)	Top (ftKB)	
Cement Retainer			4.052	1,070.0	
Perforations					
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°) Zone
6/1/2004	1,076.0	1,084.0	1.0	0.380	Fruitland Coal
6/1/2004	1,125.0	1,128.0	1.0	0.380	Fruitland Coal
6/1/2004	1,132.0	1,135.0	1.0	0.380	Fruitland Coal
6/1/2004	1,152.0	1,160.0	4.0	0.380	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 #3

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 802 ft. to cover the Fruitland top. Adjust cement volume accordingly. BLM picks top of Fruitland Coal at 852 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.