

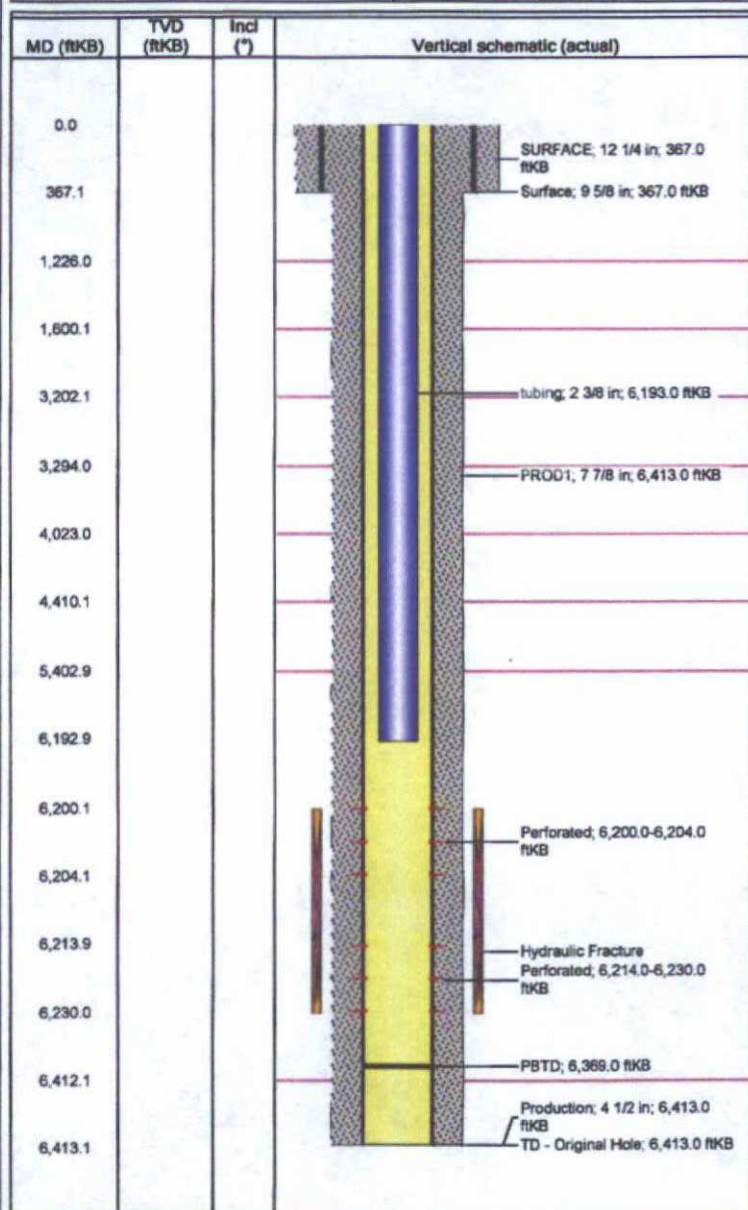
OCT 05 2015



Downhole Well Profile - with Schematic

Well Name: Federal Pioneer 01E

API/UWI 30045334730000	XTO Accounting ID 67986	Permit Number	State/Province New Mexico	County San Juan
Location T30N-R12W-S29	Spud Date 7/9/2007 00:00	Original KB Elevation (ft)	Ground/Corrected Ground Elevation (ft) 5,502.00	KB-Ground Distance (ft)



Wellbores													
Wellbore Name Original Hole		Parent Wellbore Original Hole			Wellbore API/UWI 30045334730000								
Start Depth (ftKB)		Profile Type			Kick Off Depth (ftKB)								
Section Des		Size (in)		Act Top (ftKB)		Act Btm (ftKB)							
SURFACE		12 1/4		0.0		367.0							
PROD1		7 7/8		367.0		6,413.0							
Zones													
Zone Name		Top (ftKB)		Btm (ftKB)		Current Status							
Dakota		6,200.0		6,230.0									
Casing Strings													
Csg Des		Set Depth (ftKB)		OD (in)		Wt/Len (lb/ft)		Grade					
Surface		367.0		9 5/8		36.00		J-55					
Production		6,413.0		4 1/2		10.50		J-55					
Cement													
Des		Type				String							
Surface Casing Cement		Casing				Surface, 367.0ftKB							
Production Casing Cement		Casing				Production, 6,413.0ftKB							
Tubing Strings													
Tubing Description		Run Date				Set Depth (ftKB)							
Tubing - Production						6,193.0							
Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)					
tubing		2 3/8				6,193.00	0.0	6,193.0					
Rod Strings													
Rod Description		Run Date				Set Depth (ftKB)							
Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)					
Other In Hole													
Run Date		Des		OD (in)		Top (ftKB)		Btm (ftKB)					
Perforations													
Date		Top (ftKB)		Btm (ftKB)		Zone							
		6,200.0		6,204.0		Dakota, Original Hole							
		6,214.0		6,230.0		Dakota, Original Hole							
Stimulations & Treatments													
Frac #		Top Perf (ftKB)		Bottom Perf (ftKB)		AIR (bbl/min)		MIR (bbl/min)		TWP (bbl)		Total Proppant (lb)	
6200		6230											