

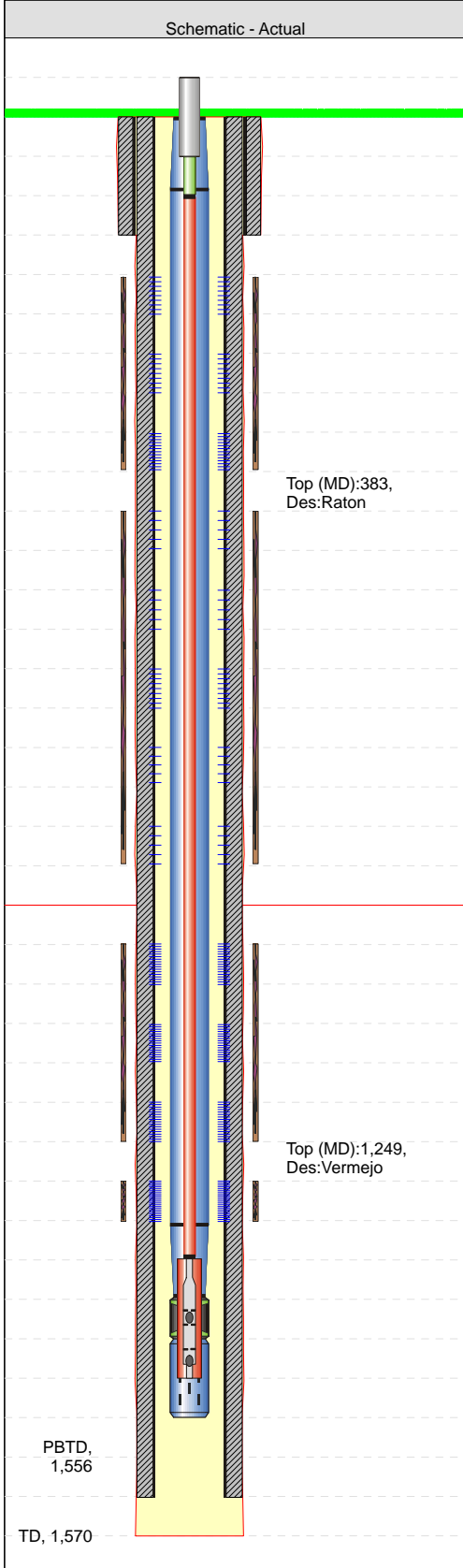


XTO - Wellbore Diagram

Well Name: Apache Canyon 04-07

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
05071063440000	1,393.0	FEL	2,595.0	FNL	T34S-R67W-S04	Purgatoire River	Las Animas	Colorado
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	94509	7,193.00	7,193.00	0.00	11/24/1996	Original Hole - 1556.0	1,570.0	Beam

Well Config: Vertical - Original Hole, 12/19/2013 9:26:09 AM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones									
					Raton		383.0		1,028.5					
					Vermejo		1,249.0		1,507.0					
					Casing Strings									
					Casing Description		OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)			
					Surface		7				210.0			
					Casing Description		OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)			
					Production		4 1/2				1,567.0			
					Cement									
					Description		Type	String						
					Surface Casing Cement		casing	Surface, 210.0ftKB						
					Comment									
					Description		Type	String						
					Production Casing Cement		casing	Production, 1,567.0ftKB						
					Comment									
					Perforations									
					Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr... Status	Zone		
					1/30/2008	383.0	385.0			120		Raton		
					1/30/2008	419.0	421.0			120		Raton		
					1/30/2008	466.0	469.0			120		Raton		
					1/29/2008	913.0	914.0			120		Raton		
					1/29/2008	938.0	939.0			120		Raton		
					1/29/2008	959.0	961.0			120		Raton		
					1/29/2008	1,002.5	1,003.5			120		Raton		
					1/29/2008	1,027.5	1,028.5			120		Raton		
					1/2/1997	1,249.0	1,253.0					Vermejo		
					1/2/1997	1,258.0	1,262.0					Vermejo		
					1/2/1997	1,286.0	1,290.0					Vermejo		
					1/2/1997	1,501.0	1,507.0					Vermejo		
					Tubing Strings									
					Tubing Description		Run Date	Set Depth (ftKB)						
					Tubing - Production		2/12/2008	1,529.8						
					Tubing Components									
					Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
					Tubing	48	T&C Upset	2 3/8	4.70	J-55	8RD EUE	1,513.70	0.0	1,513.7
					Seat Nipple	1		2 3/8		J-55		1.10	1,513.7	1,514.8
					OEMA	1		2 3/8	4.70	J-55	8RD EUE	15.00	1,514.8	1,529.8
					Rods									
					Rod Description		Run Date	String Length (ft)		Set Depth (ftKB)				
					Insert Pump		2/13/2008	1,532.00		1,522.0				
					Rod Components									
					Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
					Polished Rod		1		1 1/4		16.00	-10.0	6.0	
					Rod Sub		1		3/4	D	6.00	6.0	12.0	
					Sucker Rod w/Snap On Guides		60		3/4	D	1,500.00	12.0	1,512.0	
					Rod Insert Pump		1	RHAC	1 1/2		10.00	1,512.0	1,522.0	
					Stimulations & Treatments									
					Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					1/2/1997	1501	1507							
					Comment									
					IHS 297 Well Import									
					Test number: 001									
					Measurement: gal lb									
					Remarks: 30# gelled wtr									

Top (MD):383,
Des:Raton

Top (MD):1,249,
Des:Vermejo

PBTD,
1,556

TD, 1,570

PBTD, 1,556

TD, 1,570



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Stimulations & Treatments

Schematic - Actual	Incl	ftKB (TVD)	ftKB (MD)	Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
			-10	1/2/1997	1249	1290						
			0	Comment								
			6	IHS 297 Well Import								
			12	Test number: 001								
			210	Measurement: gal lb								
			383	Remarks: 30# gelled wtr								
			385	1/30/2008							547.0	
			419	Comment								
			421	1/30/2008								
			466	Comment								
			469									
			913									
			914									
			938									
			939									
			959									
			961									
			1,003									
			1,004									
			1,028									
			1,029									
			1,248									
			1,249									
			1,253									
			1,258									
			1,262									
			1,286									
			1,290									
			1,501									
			1,507									
			1,512									
			1,514									
			1,515									
			1,522									
			1,530									
			1,556									
			1,567									
			1,570									