

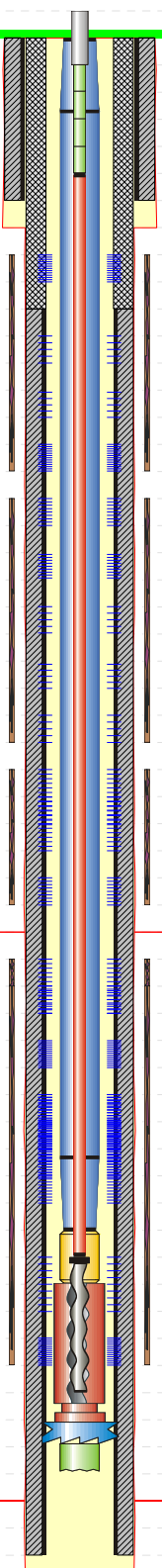


XTO - Wellbore Diagram

Well Name: Apache Canyon 17-04V

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
05071074360000	906.0	FWL	643.0	FNL	T34S-R67W-S17	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	94547	8,090.00	8,090.00	0.00	7/25/2001	Original Hole - 2422.0	2,545.0	PCP

Well Config: Vertical - Original Hole, 9/25/2013 10:52:02 AM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones									
					Zone	Top (ftKB)		Btm (ftKB)						
				-1	Raton	981.0		1,522.0						
				0	Vermejo	2,081.0		2,350.0						
				15	Casing Strings									
				17	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
				19	Surface	8 5/8	23.00	J-55		912.0				
				25	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
				33	Production	5 1/2	15.50	J-55	LT&C	2,503.0				
				912	Cement									
				920	Description	Type			String					
				981	Surface Casing Cement	casing			Surface, 912.0ftKB					
				984	Comment									
				1,040	Description	Type			String					
				1,062	Production Casing Cement	casing			Production, 2,503.0ftKB					
				1,063	Comment									
				1,088	Description	Type			String					
				1,089	Cement Squeeze	squeeze			Production, 2,503.0ftKB					
				1,160	Comment									
				1,163	Perforations									
				1,226	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr... Status	Zone		
				1,228	6/22/2007	981.0	984.0			120		Raton		
				1,280	6/22/2007	1,062.0	1,063.0			120		Raton		
				1,282	6/22/2007	1,088.0	1,089.0			120		Raton		
				1,288	6/22/2007	1,160.0	1,163.0			120		Raton		
				1,289	6/22/2007	1,226.0	1,228.0			120		Raton		
				1,299	6/22/2007	1,280.0	1,282.0			120		Raton		
				1,300	6/22/2007	1,288.0	1,289.0			120		Raton		
				1,333	6/22/2007	1,299.0	1,300.0			120		Raton		
				1,334	6/22/2007	1,333.0	1,334.0			120		Raton		
				1,437	6/22/2007	1,437.0	1,440.0	4.0		120		Raton		
				1,438	6/22/2007	1,438.0	1,441.0					Raton		
				1,440	6/22/2007	1,520.0	1,522.0	4.0		120		Raton		
				1,441	8/17/2001	2,081.0	2,084.0	4.0				Vermejo		
				1,520	6/22/2007	2,082.0	2,084.0	4.0		120		Vermejo		
				1,522	8/17/2001	2,150.0	2,156.0	4.0				Vermejo		
				2,023	8/15/2001	2,308.0	2,317.0	4.0				Vermejo		
				2,081	8/17/2001	2,308.0	2,316.0					Vermejo		
				2,082	6/22/2007	2,309.0	2,315.0	4.0		120		Vermejo		
				2,084	8/14/2001	2,333.0	2,335.0					Vermejo		
				2,150	8/14/2001	2,346.0	2,350.0					Vermejo		
				2,156	Tubing Strings									
				2,308	Tubing Description	Run Date			Set Depth (ftKB)					
				2,309	Tubing - Production	9/4/2009			2,358.9					
				2,315	Tubing Components									
				2,316	Item Description	Jts	Model	OD (in)	Wt (lbs/...	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
				2,317	Tubing	76	T&C Upset	2 7/8	6.50	J-55	8RD EUE	2,329.85	0.0	2,329.9
				2,330	Tubing Sub	1	T&C Upset	2 7/8	6.50	J-55	8RD EUE	4.10	2,329.9	2,334.0
				2,333	Stator	1	30S3...	3 3/4			8RD EUE	23.45	2,334.0	2,357.4
				2,334	No Turn Tool	1		5 1/2			8RD EUE	1.05	2,357.4	2,358.5
				2,335	Notched Collar	1		2 7/8			8RD EUE	0.44	2,358.5	2,358.9
				2,346										
				2,350										
				2,354										
				2,357										
				2,359										
				2,387										
				2,422										
				2,503										
				2,545										

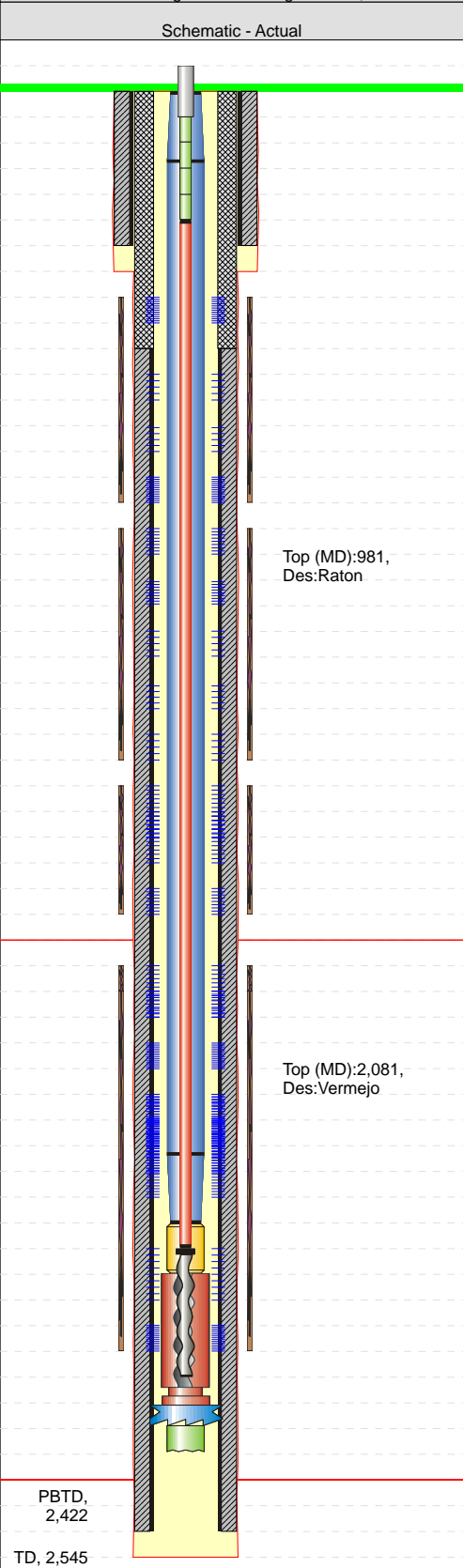


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Well Config: Vertical - Original Hole, 9/25/2013 10:52:02 AM

Schematic - Actual				Incl	ftKB (TVD)	ftKB (MD)	Rods									
							Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)						
				Rod - Rotor	9/8/2009	2,355.00	2,354.0									
					-1		Rod Components									
					0		Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
					15		Polished Rod	1		1 1/4		16.00	-1.0	15.0		
					17		Rod Sub	1		7/8	D	2.00	15.0	17.0		
					19		Rod Sub	1		7/8	D	2.00	17.0	19.0		
					25		Rod Sub	1		7/8	D	6.00	19.0	25.0		
					33		Rod Sub	1		7/8	D	8.00	25.0	33.0		
					912		Sucker Rod w/Molded Guides	92		7/8	D	2,300.00	33.0	2,333.0		
					920											
					981		Rotor	1	30S340	1 1/2		21.00	2,333.0	2,354.0		
					984		Stimulations & Treatments									
					1,040		Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					1,062		8/14/2001	2333	2350							
					1,063		Comment									
					1,088		Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					1,089		8/15/2001	2308	2317							
					1,160		Comment									
					1,163		Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					1,226		8/17/2001	2308	2317							
					1,228		Comment									
					1,280		Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					1,282		8/17/2001	2150	2156							
					1,288		Comment									
					1,289		Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					1,299		8/17/2001	2081	2084							
					1,300		Comment									
					1,333		Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					1,334		6/22/2007	2082	2350						510.0	
					1,437		Comment									
					1,438		Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					1,440		6/22/2007	1437	1522						1,232.0	
					1,441		Comment									
					1,520		Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					1,522		6/22/2007	1226	1334						122.0	
					2,023		Comment									
					2,081		Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					2,082		6/22/2007	981	1163						0.0	
					2,084		Comment									
					2,150											
					2,156											
					2,308											
					2,309											
					2,315											
					2,316											
					2,317											
					2,330											
					2,333											
					2,334											
					2,335											
					2,346											
					2,350											
					2,354											
					2,357											
					2,359											
					2,359											
					2,387											
					2,422											
					2,503											
					2,545											

Top (MD):981,
Des:Raton

Top (MD):2,081,
Des:Vermejo

PBTD,
2,422

TD, 2,545