

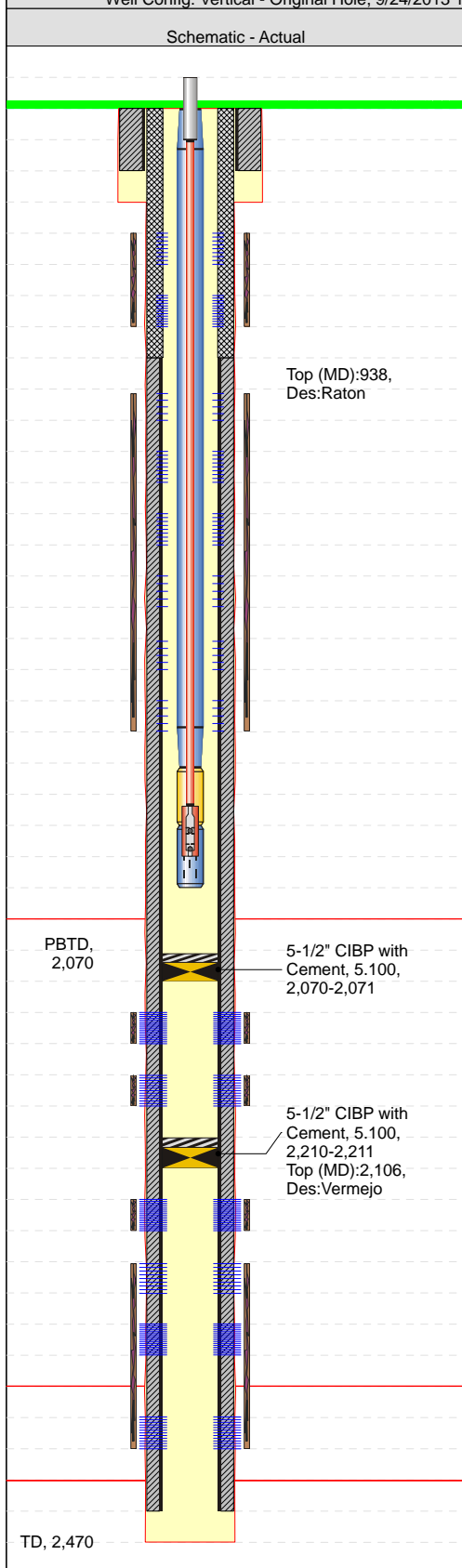


XTO - Wellbore Diagram

Well Name: Apache Canyon 07-04V

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
05071075630000	1,014.0	FWL	925.0	FNL	T34S-R67W-S07	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	94516	8,209.00	8,209.00	0.00	2/22/2002	Original Hole - 2070.0	2,470.0	Beam

Well Config: Vertical - Original Hole, 9/24/2013 1:22:10 PM



Zones

Zone	Top (ftKB)	Btm (ftKB)
Raton	938.0	1,311.0
Vermejo	2,106.0	2,356.0

Casing Strings

Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)
Surface	8 5/8				909.0
Production	5 1/2	15.50		LT&C	2,446.0

Cement

Description	Type	String
Surface Casing Cement	casing	Surface, 909.0ftKB
Production Casing Cement	casing	Production, 2,446.0ftKB
Remedial Cement Squeeze	squeeze	Production, 2,446.0ftKB

Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr... Status	Zone
3/22/2006	938.0	940.0	4.0	0.400	120		Raton
3/22/2006	999.0	1,002.0	4.0	0.400	120		Raton
3/22/2006	1,134.0	1,135.0	3.0	0.400	120		Raton
3/22/2006	1,185.0	1,187.0	3.0	0.400	120		Raton
3/22/2006	1,208.0	1,210.0	3.0	0.400	120		Raton
3/22/2006	1,227.0	1,228.0	3.0	0.400	120		Raton
3/22/2006	1,256.0	1,257.0	3.0	0.400	120		Raton
3/22/2006	1,310.0	1,311.0	3.0	0.400	120		Raton
3/7/2002	2,106.0	2,114.0					Vermejo
3/7/2002	2,150.0	2,153.0					Vermejo
3/7/2002	2,267.0	2,271.0					Vermejo
3/6/2002	2,320.0	2,322.0					Vermejo
3/6/2002	2,332.0	2,345.0					Vermejo
3/6/2002	2,353.0	2,356.0					Vermejo

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing - Production	6/29/2007	1,413.3

Tubing Components

Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	42	T&C Upset	2 3/8	4.70	J-55	8RD EUE	1,382.05	0.0	1,382.1
Tubing Sub		T&C Upset	2 3/8	4.70	J-55	8RD EUE	1.20	1,382.1	1,383.3
OEMA			2 3/8	4.70	J-55	8RD EUE	30.00	1,383.3	1,413.3

Rods

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Insert Pump	6/29/2007	1,401.00	1,393.0

Rod Components

Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1		1 1/4		16.00	-8.0	8.0
Sucker Rod	1		3/4	D	1,375.00	8.0	1,383.0
Rod Insert Pump	1	RWAC	1 1/2		10.00	1,383.0	1,393.0



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Well Config: Vertical - Original Hole, 9/24/2013 1:22:10 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Stimulations & Treatments									
					Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
					-8	Comment								
					0	IHS 297 Well Import								
					8	Test number: 001								
					909	Measurement: bbl lb								
					925	Remarks: brady sd								
					938	Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
					940	3/7/2002	2267	2271						
					999	Comment								
					1,002	IHS 297 Well Import								
					1,079	Test number: 001								
1,134	Measurement: bbl lb													
1,135	Remarks: brady sd													
1,185	Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)					
1,187	3/7/2002	2106	2114											
1,208	Comment													
1,210	IHS 297 Well Import													
1,227	Test number: 001													
1,228	Measurement: bbl lb													
1,256	Remarks: brady sd													
1,257	Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)					
1,310	3/22/2006	1134	1311											
1,311	Comment													
1,382	Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)					
1,383	3/22/2006	938	1002											
1,383	Comment													
1,393														
1,413														
2,002														
2,070														
2,071														
2,106														
2,114														
2,150														
2,153														
2,210														
2,211														
2,267														
2,271														
2,320														
2,322														
2,332														
2,345														
2,352														
2,353														
2,356														
2,442														
2,446														
2,470														