

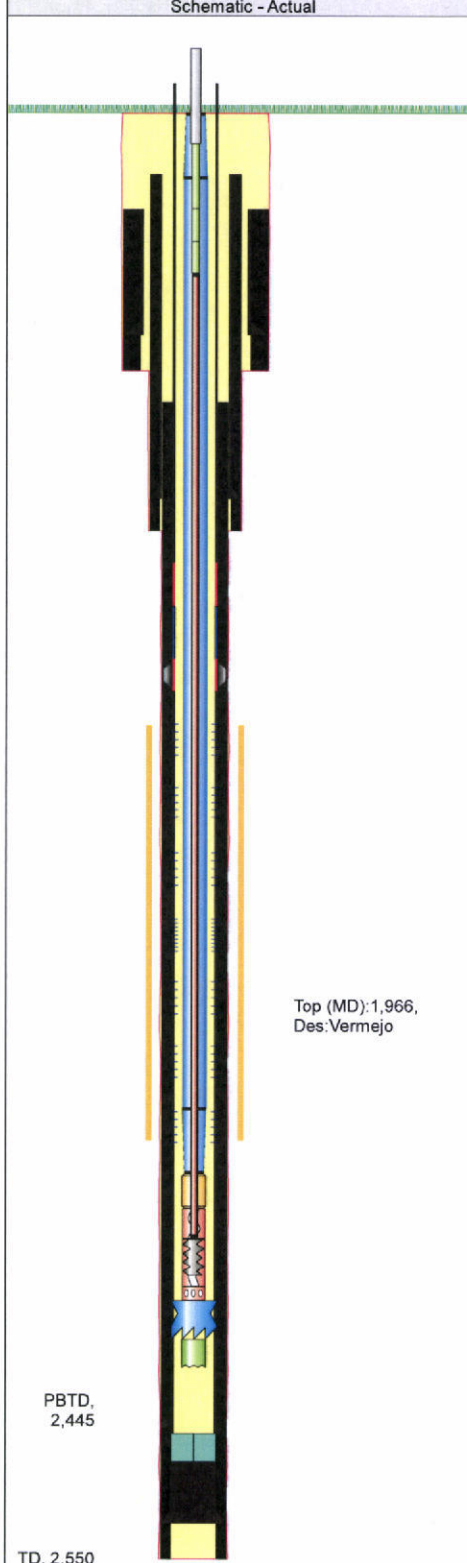


XTO - Wellbore Diagram

Well Name: Hill Ranch 26-11-02

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State
05071092060000	2,120.0	FWL	1,401.0	FSL	T34S-R67W-S26	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	94995	7,912.00	7,912.00	0.00	4/4/2007	Original Hole - 2445.0	2,550.0	PCP

Well Config: Vertical - Original Hole, 2/7/2012 3:37:34 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones						
					Zone	Top (ftKB)		Btm (ftKB)			
				-15	Vermejo	1,965.5		2,254.0			
				-2	Casing Strings						
				0	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)	
				1	Conductor	13 3/8	54.50	J-55	ST&C	49.5	
				3	Surface	8 5/8	24.00	J-55	ST&C	480.7	
				3	Production	5 1/2	15.50	J-55	LT&C	2,491.0	
				7	Stage Collar	5 1/2	15.50	J-55	1,828.9	1,831.0	
				13	External Casing Packer	5 1/2	15.50	J-55	1,831.0	1,837.9	
				49	Cement						
				50	Description	Type		String			
				52	Conductor Casing Cement	casing		Conductor, 49.5ftKB			
				98	Cmt'd w/ 78 sks MIDCON II Trinidad Surface Blend mixed @ 14.0 ppg & circ 14 bbls to pit.						
				435	Description	Type		String			
				480	Surface Casing Cement	casing		Surface, 480.7ftKB			
				481	Cmt'd w/ 220 sks MIDCON II Trinidad Surf Blend mixed @ 14.0 ppg & circ 34 bbls cmt to pit						
				1,821	Description	Type		String			
				1,829	Production Casing Cement	casing		Production, 2,491.0ftKB			
				1,829	Cmt'd 1st STAGE w/ 125 sks MIDCON II Trinidad Prod Blend mixed @ 13.0 ppg & 2nd STAGE Lead w/ 200 sks mixed @ 12.0 ppg f/b 90 sks Tail mixed @ 13.0 ppg. Circ 10 bbls 1st stage & 46 bbls 2nd stage cmt to pit @ 07:27 hrs 04/07/2007						
				1,966	Perforations						
				1,967	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (")	Curr... Status
				1,971	5/4/2007	1,965.5	1,966.5			120	Vermejo
				1,972	5/4/2007	1,971.0	1,972.0			120	Vermejo
				2,031	5/4/2007	2,031.5	2,032.5			120	Vermejo
				2,032	5/4/2007	2,099.5	2,101.5			120	Vermejo
				2,099	5/4/2007	2,104.0	2,105.0			120	Vermejo
				2,101	5/4/2007	2,185.0	2,186.0			120	Vermejo
				2,104	5/4/2007	2,253.0	2,254.0			120	Vermejo
				2,105	Tubing Strings						
				2,185	Tubing Description	Run Date		Set Depth (ftKB)			
				2,186	Tubing - Production	6/11/2008		2,346.9			
				2,253	Tubing Components						
				2,254	Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Top Thread	Len (ft)
				2,334	2335741-3	74	T&C Upset	2 7/8	6.50	8RD EUE	2,333.52
				2,338	Tubing Sub	1		2 7/8	6.50	8RD EUE	4.10
				2,338	Stator	1	30S0...	2 3/4		8RD EUE	7.83
				2,345	No Turn Tool	1		5 1/2			1.05
				2,346	Notched Collar	1		2 7/8		8RD EUE	0.44
				2,347	Rods						
				2,445	Rod Description	Run Date		String Length (ft)		Set Depth (ftKB)	
				2,445	Rod - Rotor	6/11/2008		2,360.25		2,345.2	
				2,447	Rod Components						
				2,490	Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)
				2,491	Polished Rod	1		1 1/4		16.00	-15.1
				2,491	Rod Sub	1		7/8	D	2.00	0.9
				2,550	Rod Sub	1		7/8	D	4.00	2.9

Top (MD): 1,966,
Des: Vermejo

PBTD,
2,445

TD, 2,550

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Des:Vermejo

PBTD,
2,445

TD, 2,550



XTO - Wellbore Diagram

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API/UWI 05071092060000	E/W Dist (ft) 2,120.0	E/W Ref FWL	N/S Dist (ft) 1,401.0	N/S Ref FSL	Location T34S-R67W-S26	Field Name Purgatoire River	County Las Animas	State Colorado
Well Configuration Type Vertical	XTO ID B 94995	Orig KB Elev (ft) 7,912.00	Gr Elev (ft) 7,912.00	KB-Grd (ft) 0.00	Spud Date 4/4/2007	PBTD (All) (ftKB) Original Hole - 2445.0	Total Depth (ftKB) 2,550.0	Method Of Production PCP

Well Config: Vertical - Original Hole, 2/7/2012 3:37:34 PM

