



XTO - Wellbore Diagram

CBL 8-26-1996 Doc #637528

Well Name: Apache Canyon 17-14

API/UWI 05071063410000	E/W Dist (ft) 2,462.0	E/W Ref FWL	N/S Dist (ft) 107.0	N/S Ref FSL	Location T34S-R67W-S17	Field Name Purgatoire River	County Las Animas	State/Province Colorado
Well Configuration Type Vertical	XTO ID B 94550	Orig KB Elev (ft) 7,275.00	Gr Elev (ft) 7,275.00	KB-Grd (ft) 0.00	Spud Date 6/29/1996	PBTD (All) (ftKB) Original Hole - 555.0	Total Depth (ftKB) 564.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 10/10/2013 12:17:18 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones									
					Zone	Top (ftKB)		Btm (ftKB)						
					Raton	381.0		501.0						
					Casing Strings									
-6	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)								
	Surface	7	20.00			274.0								
0	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)								
	Production	4 1/2	9.50			560.0								
					Cement									
8	Description	Type	String											
	Surface Casing Cement	casing	Surface, 274.0ftKB											
					Comment									
10	Description	Type	String											
	Production Casing Cement	casing	Production, 560.0ftKB											
					Comment									
					Perforations									
28	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (*)	Curr... Status	Zone						
	8/27/1996	381.0	391.0					Raton						
274	8/27/1996	434.0	439.0					Raton						
	8/26/1996	491.0	501.0					Raton						
					Tubing Strings									
381	Tubing Description	Run Date	Set Depth (ftKB)											
	Tubing - Production	9/25/2009	512.2											
					Tubing Components									
391	Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)				
	Tubing Sub	1	T&C Upset	2 3/8	4.70	J-55		8.10	0.0	8.1				
434	Tubing	16	T&C Upset	2 3/8	4.70	J-55		487.98	8.1	496.1				
	Seat Nipple	1		2 3/8		J-55		1.05	496.1	497.1				
439	OEMA	1		2 3/8	4.70	J-55		15.03	497.1	512.2				
					Rods									
453	Rod Description	Run Date	String Length (ft)			Set Depth (ftKB)								
	Insert Pump	6/1/2011	505.00			499.0								
					Rod Components									
489	Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)						
	Pony Rod	1		1 1/4		16.00	-6.0	10.0						
491	Rod Sub	1		3/4 D		4.00	10.0	14.0						
	Rod Sub	1		3/4 D		6.00	14.0	20.0						
496	Rod Sub	1		3/4 D		8.00	20.0	28.0						
	Sucker Rod	17		3/4		425.00	28.0	453.0						
497	Sinker Bar	2		1		32.00	453.0	485.0						
	Rod Sub	1		3/4 D		4.00	485.0	489.0						
499	Rod Insert Pump	1	RWAC	1 1/2		10.00	489.0	499.0						
					Stimulations & Treatments									
501	Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)					
	8/26/1996	491	501											
					Comment									
512	IHS 297 Well Import													
	Test number: 001													
555	Measurement: bbl lb													
	Remarks: swfr:orig treatment													
560	Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)					
	8/27/1996	434	439											
					Comment									
564	IHS 297 Well Import													
	Test number: 001													
	Measurement: bbl lb													
	Remarks: swfr:orig treatment													

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Top (MD):381,
Des:Raton

PBTD, 555

TD, 564