



# PA Wellbore For State - Vertical

Well Name: Anderson 33-34

Original Hole [Land]		Well Header								
MD (ftK B)	Vertical schematic (actual)	Surface UWI 0512325578	Business Unit Rockies	Gov Auth Dist Evans	Prod Tree Loc Land					
		Orig. KB to Gnd (ft) 12.00	Original Spud Date 3/24/2008	Abandon Date	Well Sub-Status PR	High... N				
		Comment								
		Geologic Horizons								
		Formation Name Niobrara-Top_Prod			Final Top MD (ftKB) 7,074.0					
		Formation Name Codell			Final Top MD (ftKB) 7,376.0					
		Formation Name Upper_Pierre_Aquifer-Base_Prod			Final Top MD (ftKB) 1,592.0					
		Formation Name A_Sand-Top_Prod			Final Top MD (ftKB) 2,612.0					
		Formation Name A_Sand-Base_Prod			Final Top MD (ftKB) 3,005.0					
		Formation Name Parkman			Final Top MD (ftKB) 3,834.0					
		Surface Location (Congressional)								
		Qtr 3 NW	Qtr 4 SE	Section 34	Twnshp 7	Twنش... N	Range 66	Rng E/... W	Latitude (°) 40.52936	Longitude (°) -104.76256
		Wellbore Sections								
		Section Des		Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)		
		Surface		12 1/4		12.0		950.0		
		Surface		12 1/4		12.0		903.0		
		Production		7 7/8		903.0		7,520.0		
		Casing Strings								
		Csg Des	Run Date	OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)		
		Surface	3/24/2008	8 5/8	24.00	J-55	12	895		
		Production	3/29/2008	4 1/2	10.50	M-65	12	7505		
		Cement								
		Des		Start Date		Top (ftKB)		Btm (ftKB)		
		Surface Casing Cement		3/24/2008		12.0		895.0		
		Production Casing Cement		3/29/2008		85.0		6,460.0		
		Production Casing Cement		3/29/2008		6,460.0		7,505.0		
		Stim/Frac Summary								
		Min Top Depth (ftKB)			Max Btm Depth (ftKB)					
		Perforations								
		Linked Zone Niobrara_A, Original Hole		Date 4/30/2008 09:00		Top Depth (ftKB) 7,081.0		Bottom Depth (ftKB) 7,083.0		
		Linked Zone Niobrara_B, Original Hole		Date 4/30/2008 09:00		Top Depth (ftKB) 7,208.0		Bottom Depth (ftKB) 7,220.0		
		Linked Zone Codell, Original Hole		Date 4/28/2008 06:30		Top Depth (ftKB) 7,380.0		Bottom Depth (ftKB) 7,390.0		
		Other In Hole								
		Run Date	Des		Make	OD (in)	Top (ftKB)	Btm (ftKB)		
		Logs								
		Date	Type				Depth Top (MD) (ftKB)	Btm (ftKB)		
		Wellbore Plug Back Total Depths								
		Date	Type	Com				PBTD (ftKB)		
		4/28/2008	Plug					7,480		