



Proposed PA WBD - Vertical

Well Name: BOOTH N 25-33D

ORIGINAL HOLE [Land]		Well Header								
MD (ftKB)	Vertical schematic (proposed)	Surface UWI 0512331666		Business Unit Rockies	Gov Auth Dist Evans	Prod Tree Loc Land				
		Orig. KB to Gnd (ft) 16.00	Original Spud Date 2/4/2011	Abandon Date		Well Sub-Status PR	High...			
		Comment EXCEPTION LOCATION 318A AND 318C. SPORADIC CEMENT FROM 2460-3200 & 4086' - 4956' & POOR CEMENT FROM 5353' - 6433'								
		Geologic Horizons								
		Formation Name FOXHILLS-BASE PROD				Final Top MD (ftKB) 313.2				
		Formation Name UPPER PIERRE AQUIFER-TOP PROD				Final Top MD (ftKB) 471.8				
		Formation Name UPPER PIERRE AQUIFER-BASE PROD				Final Top MD (ftKB) 1,441.7				
		Formation Name A SAND-TOP PROD				Final Top MD (ftKB) 2,503.1				
		Formation Name A SAND-BASE PROD				Final Top MD (ftKB) 3,022.7				
		Formation Name PARKMAN				Final Top MD (ftKB) 3,862.7				
		Formation Name SUSSEX-TOP PROD				Final Top MD (ftKB) 4,322.1				
		Formation Name SUSSEX-BASE PROD				Final Top MD (ftKB) 4,685.0				
		Formation Name SHANNON-TOP PROD				Final Top MD (ftKB) 4,934.5				
		Formation Name SHANNON-BASE PROD				Final Top MD (ftKB) 5,249.6				
		Formation Name INTRA SHARON SPGS MK				Final Top MD (ftKB) 7,193.8				
		Formation Name NIOBRARA-TOP PROD				Final Top MD (ftKB) 7,229.4				
		Formation Name NIO A CHALK				Final Top MD (ftKB) 7,229.4				
		Formation Name NIO A MARL				Final Top MD (ftKB) 7,253.4				
		Formation Name NIO B CHALK				Final Top MD (ftKB) 7,352.0				
		Formation Name NIO B MARL				Final Top MD (ftKB) 7,370.8				
		Formation Name NIO C CHALK				Final Top MD (ftKB) 7,424.2				
		Formation Name NIO C MARL				Final Top MD (ftKB) 7,456.9				
		Formation Name NIO D CHALK				Final Top MD (ftKB) 7,495.8				
		Formation Name NIO FT HAYS				Final Top MD (ftKB) 7,529.5				
		Formation Name CODELL				Final Top MD (ftKB) 7,552.0				
		Formation Name CARLILE				Final Top MD (ftKB) 7,574.2				
		Surface Location (Congressional)								
		Qtr 3 NE	Qtr 4 SW	Section 26	Twonshp 5	Twonsh... N	Range 67	Rng E/... W	Latitude (°) 40.36909723 6	Longitude (°) -104.851719442
		Wellbore Sections								
		Section Des			Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)	
		SURFACE			12 1/4		16.0		835.0	
		PRODUCTION			7 7/8		835.0		7,734.0	
		Casing Strings								
		Csg Des		Run Date	OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)	
		Surface		2/5/2011	8 5/8	24.00	J-55	16	824.5	
		Production		2/9/2011	4 1/2	11.60	M-80	16	7723.8	
		Cement								
		Des					Start Date	Top (ftKB)	Btm (ftKB)	
		Surface Casing Cement					2/5/2011	16.0	824.5	
		Production Casing Cement					2/10/2011	2,460.0	7,723.8	
		Stim/Frac Summary								
		Min Top Depth (ftKB) 7,231.0						Max Btm Depth (ftKB) 7,573.0		
		Perforations								
		Linked Zone			Date 4/14/2025 00:00	Top Depth (ftKB) 1,025.0		Bottom Depth (ftKB) 1,025.0		



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MD (ftKB)	Vertical schematic (proposed)	Linked Zone	Date	Top Depth (ftKB)	Bottom Depth (ftKB)		
		Linked Zone	Date	Top Depth (ftKB)	Bottom Depth (ftKB)		
		Linked Zone	Date	Top Depth (ftKB)	Bottom Depth (ftKB)		
		Linked Zone	Date	Top Depth (ftKB)	Bottom Depth (ftKB)		
		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)		

16.1		Balanced Plug (Tubing and Annulus), Plug - Balanced, 4/14/2025 00:00 (Surface Plug); 16 -1025; 2025-04-14; 240 sks in annulus, 80 sks in csg. 320 sks total.
779.5		
780.5		
823.5		1,025.0-1,025.0ftKB on 4/14/2025 00:00 (Perforated); 1025-1025; 2025-04-14
824.5		Balanced Plug (Tubing and Annulus), Plug - Balanced, 4/14/2025 00:00 (Courtesy Squeeze); 1940-2440; 2025-04-14; 155 sks through CICR, 35 sks on top. 190 sks total.
1,024.9		1,940.0-1,940.0ftKB on 4/14/2025 00:00 (Perforated); 1940-1940; 2025-04-14
1,940.0		
2,339.9		4 in, Cement Retainer, 4/14/2025 00:30; 2340 -2342; 4; 2025-04-14 00:30
2,341.9		
2,440.0		2,440.0-2,440.0ftKB on 4/14/2025 00:00 (Perforated); 2440-2440; 2025-04-14
2,460.0		
7,154.9		4 in, Cast Iron Bridge Plug w/ 2 SX Cement, 4/14/2025 00:00; 7155-7183; 4; 2025-04-14
7,180.1		
7,183.1		
7,199.8		
7,231.0		
7,243.1		
7,357.0		
7,369.1		
7,497.0		
7,511.2		
7,553.1		
7,573.2		
7,655.8		
7,670.9		
7,678.8		
7,679.8		
7,722.8		
7,723.8		

2/9/2011	SPECTRAL DENSITY/Pe/DSN NEUTRON/SP/ARRAY COMPENSATED TRUE RESISTIVITY	825	7,728.0
2/9/2011	SPECTRAL GAMMA RAY	7,050	7,728.0
2/15/2011	CBL/CCL/GR	2,225	7,655.0
11/15/2013	GYRO	0	7,400.0

2/15/2011	FILL	DEPTH LOGGER ON CBL	7,656
3/8/2011	PLUG REMNANTS	C/O & LEFT 3-7/8" CONE BIT & HALF OFF PUMP OFF BIT SU...	7,671