



# PA Wellbore For State - Vertical

Well Name: BOOTH N 25-33D

ORIGINAL HOLE [Land]		Well Header	
MD (ftKB)	Vertical schematic (actual)	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
		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	Twnshp 5
		Range 67	Rng E/W W
		Latitude (°) 40.36909723	Longitude (°) -104.851719442
		Wellbore Sections	
		Section Des	Hole Size (in)
		SURFACE	12 1/4
		PRODUCTION	7 7/8
		Top Depth (ftKB)	Btm Depth (ftKB)
		16.0	835.0
		835.0	7,734.0
		Casing Strings	
		Csg Des	Run Date
		Surface	2/5/2011
		Production	2/9/2011
		OD (in)	Wt/Len (lb/ft)
		8 5/8	24.00
		4 1/2	11.60
		Grade	Top Depth (MD) (ftKB)
		J-55	16
		M-80	16
		Set Depth (MD) (ftKB)	
		824.5	7723.8
		Cement	
		Des	Start Date
		Surface Casing Cement	2/5/2011
		Production Casing Cement	2/10/2011
		Top (ftKB)	Btm (ftKB)
		16.0	824.5
		2,460.0	7,723.8
		Stim/Frac Summary	
		Min Top Depth (ftKB)	Max Btm Depth (ftKB)
		7,231.0	7,573.0



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