



# PA Wellbore For State - Vertical

Well Name: BOULTER PC G14-24

Original Hole [Land]		Surface Location (Congressional)									
MD (ftKB)	Vertical schematic (actual)										
13.1		Cement Plug, Plug, 8/29/2024; 13.1-936; 2024-08-29; 288 SX NEAT G									
352.7	FOXHILLS-BASE PROD (FOXHILLS)	Casing Joints, 8 5/8in; 13-690.5; 677.54; 1-1; 8 5/8; 8.097									
374.0	FOX HILLS BASE EST (FOX HILLS)	Float Collar, 8 5/8in; 690.5-691.5; 1.00; 1-2; 8 5/8; 8.097									
502.0	UPPER PIERRE AQUIFER-TOP...	Shoe Joint, 8 5/8in; 691.5-735; 43.46; 1-3; 8 5/8; 8.097									
690.6		Texas Shoe, 8 5/8in; 735-736; 1.00; 1-4; 8 5/8; 8.097									
691.6		935.0-936.0ftKB on 8/28/2024									
734.9		12:30 (Perforated); 935-936; 2024-08-28 12:30									
735.9											
746.1											
935.0											
936.0											
1,432.4	UPPER PIERRE AQUIFER-BAS...										
2,180.1											
2,235.9											
2,336.0											
2,349.4	A SAND-TOP PROD (A SAND-TOP)	4 in, Cast Iron Bridge Plug w/ 10 SX Cement, 8/28/2024; 2236-2336; 2024-08-28									
2,669.9	PIERRE (PIERRE (final))										
2,716.9											
2,896.0	A SAND-BASE PROD (A SAND-BASE)	Casing Joints, 4 1/2in; 13-6684; 6,670.99; 2-1; 4 1/2; 4.000									
3,643.0	PARKMAN (PARKMAN (final))										
3,651.9											
3,993.1											
4,019.0											
4,068.9	SUSSEX-TOP PROD (SUSSEX-TOP)	4 in, Cast Iron Bridge Plug w/ 2 SX Cement, 8/28/2024; 3993-4019; 2024-08-28									
4,242.1	SUSSEX (SUSSEX (final))										
4,308.1											
4,414.4	SUSSEX-BASE PROD (SUSSEX-BASE)										
4,888.8	SHANNON-TOP PROD (SHANNON-TOP)										
4,946.9											
5,041.0	SHANNON (SHANNON (final))										
5,042.0	SHANNON-BASE PROD (SHANNON-BASE)										
6,042.0											
6,080.4	TEPEE BUTTES (TEPEE BUTTES)										
6,633.9											
6,660.1											
6,670.6	INTRA SHARON SPGS MK (INTRA SHARON SPGS MK)	4 in, Cast Iron Bridge Plug w/ 2 SX Cement, 1/20/2022; 6634-6660; 2022-01-20									
6,684.1											
6,705.1											
6,709.0	NIOBRARA A (NIOBRARA A (final))	Marker Joint, 4 1/2in; 6684-6704.9; 20.95; 2-2; 4 1/2; 4.000									
6,709.6	NIOBRARA-TOP PROD (NIOBRARA-TOP)										
6,710.0											
6,711.9	NIOBRARA (NIOBRARA (final))	6,710.0-6,722.0ftKB on 3/12/2012									
6,722.1		13:29 (Perforated); 6710-6722; 2012-03-12 13:29									
6,727.0											
6,728.0	NIO A MARL (NIO A MARL (final))										
6,771.0	NIOBRARA (NIOBRARA (drill))										
6,794.0	NIOBRARA B (NIOBRARA B (final))										
6,795.6	NIO B CHALK (NIO B CHALK (final))										
6,815.9											
6,828.1											
6,828.7	NIO B MARL (NIO B MARL (final))	6,816.0-6,828.0ftKB on 3/12/2012									
6,878.0	NIOBRARA C (NIOBRARA C (final))	13:28 (Perforated); 6816-6828; 2012-03-12 13:28									
6,880.2	NIO C CHALK (NIO C CHALK (final))	Casing Joints, 4 1/2in; 6704.9-6998.5; 293.60; 2-3; 4 1/2; 4.000									
6,911.4	NIO C MARL (NIO C MARL (final))										
6,958.7	NIO D CHALK (NIO D CHALK (final))										
6,994.1	FORT HAYS (FORT HAYS (final))										
6,994.8	NIO FT HAYS (NIO FT HAYS (final))										
6,998.7											
7,012.5											
7,020.0	CODELL (CODELL (final))	Marker Joint, 4 1/2in; 6998.5-7012.3; 13.80; 2-4; 4 1/2; 4.000									
7,021.0											
7,025.9	CODELL (CODELL (drill))	7,020.0-7,037.0ftKB on 3/10/2012									
7,037.1		10:30 (Perforated); 7020-7037; 2012-03-10 10:30									
7,038.1	CARLILE (CARLILE (final))										
7,046.9											
7,113.8											
7,117.1											
7,139.8											
7,141.1											
7,182.1											
7,183.1											
7,194.9											
		Casing Joints, 4 1/2in; 7012.3-7139.9; 127.58; 2-5; 4 1/2; 4.000									
		Float Collar, 4 1/2in; 7139.9-7140.9; 1.00; 2-6; 4 1/2; 4.000									
		Shoe Joint, 4 1/2in; 7140.9-7182; 41.08; 2-7; 4 1/2; 4.000									
		Float Shoe, 4 1/2in; 7182-7183; 1.00; 2-8; 4 1/2; 4.000									