



Schematic - Form 5A

Well Name: Bernhardt 6K-323

API 05123404000000	Spud Date 4/25/2015	Field Name Wattenberg	Surface Legal Location NESW 6 4N 66W	State CO
Horizontal - Original Hole, 10/7/2016 8:46:17 AM				
MD (ftKB)	Vertical schematic (actual)			
11.8				
14.1				
16.1	Surface Casing Cement; 13.0-902.7			
902.6	Intermediate Casing Cement; 13.0-7,519.0			
6,952.8	Casing Hanger; 13.0; 1.10			
6,972.4	Wellhead; 13.0; 2.00			
6,978.7	Casing Pup Joint; 14.1; 2.00			
7,092.8	Casing Joints; 15.0; 886.70			
7,191.6	Guide Shoe; 901.7; 1.00			
7,224.7	Casing Joints; 16.1; 7,457.50			
7,231.6	PBR; 6,952.7; 16.34			
7,472.1	Liner Top Packer; 6,969.0; 3.40			
7,475.1	Liner Hanger; 6,972.4; 5.70			
7,519.0	Cross Over; 6,978.1; 0.69			
7,558.1	Casing Joints; 6,978.8; 579.18			
7,694.2	Float Collar; 7,473.6; 1.40			
7,781.2	Casing Joints; 7,475.0; 42.42			
7,918.3	Float Shoe; 7,517.5; 1.55			
8,005.2	Swell Packer; 7,558.0; 12.60			
8,100.7	Casing Joints; 7,570.6; 123.69			
8,187.7	Frac Sleeve; 7,694.3; 4.12			
8,324.1	Casing Joints; 7,698.4; 82.83			
8,410.8	Swell Packer; 7,781.3; 12.60			
8,547.9	Casing Joints; 7,793.9; 124.36			
8,634.8	Frac Sleeve; 7,918.2; 4.12			
8,729.7	Casing Joints; 7,922.3; 82.78			
8,816.6	Swell Packer; 8,005.1; 12.60			
8,933.7	Casing Joints; 8,017.7; 82.97			
9,040.4	Frac Sleeve; 8,100.7; 4.13			
9,177.5	Casing Joints; 8,104.8; 82.73			
9,264.4	Swell Packer; 8,187.5; 12.60			
9,400.6	Casing Joints; 8,200.1; 123.89			
9,487.5	Frac Sleeve; 8,324.0; 4.12			
9,583.3	Casing Joints; 8,328.2; 82.75			
9,669.9	Swell Packer; 8,410.9; 12.60			
9,806.8	Casing Joints; 8,423.5; 124.39			
9,893.7	Frac Sleeve; 8,547.9; 4.13			
10,030.5	Casing Joints; 8,552.0; 82.83			
10,117.5	Swell Packer; 8,634.9; 12.60			
10,212.9	Casing Joints; 8,647.5; 82.32			
10,298.9	Frac Sleeve; 8,729.8; 4.13			
10,435.7	Casing Joints; 8,733.9; 82.77			
10,522.6	Swell Packer; 8,816.7; 12.60			
10,659.4	Casing Joints; 8,829.3; 124.26			
10,746.7	Frac Sleeve; 8,953.5; 4.14			
10,841.5	Casing Joints; 8,957.7; 82.78			
10,927.8	Swell Packer; 9,040.4; 12.60			
11,064.6	Casing Joints; 9,053.0; 124.41			
11,151.2	Frac Sleeve; 9,177.5; 4.12			
11,285.8	Casing Joints; 9,181.6; 82.81			
11,373.0	Swell Packer; 9,264.4; 12.60			
11,468.5	Casing Joints; 9,277.0; 123.73			
11,555.4	Frac Sleeve; 9,400.7; 4.12			
11,692.9	Casing Joints; 9,404.8; 82.83			
11,779.9	Swell Packer; 9,487.7; 12.60			
11,783.1	Casing Joints; 9,500.3; 82.90			
	Frac Sleeve; 9,583.2; 4.09			
	Casing Joints; 9,587.3; 82.76			
	Swell Packer; 9,670.0; 12.60			
	Casing Joints; 9,682.6; 124.04			
	Frac Sleeve; 9,806.7; 4.14			
	Casing Joints; 9,810.8; 82.75			
	Swell Packer; 9,893.5; 12.60			
	Casing Joints; 9,906.1; 124.28			
	Frac Sleeve; 10,030.4; 4.14			
	Casing Joints; 10,034.6; 82.82			
	Swell Packer; 10,117.4; 12.60			
	Casing Joints; 10,130.0; 82.92			
	Frac Sleeve; 10,212.9; 4.12			
	Casing Joints; 10,217.0; 81.82			
	Swell Packer; 10,298.8; 12.60			
	Casing Joints; 10,311.5; 124.35			
	Frac Sleeve; 10,435.8; 4.12			
	Casing Joints; 10,439.9; 82.83			
	Swell Packer; 10,522.7; 12.60			
	Casing Joints; 10,535.4; 124.26			
	Frac Sleeve; 10,659.6; 4.17			
	Casing Joints; 10,663.8; 82.84			
	Swell Packer; 10,746.6; 12.60			
	Casing Joints; 10,759.2; 82.37			
	Frac Sleeve; 10,841.6; 4.12			
	Casing Joints; 10,845.7; 82.17			
	Swell Packer; 10,927.9; 12.60			
	Casing Joints; 10,940.5; 124.20			
	Frac Sleeve; 11,064.7; 4.13			
	Casing Joints; 11,068.8; 82.35			
	Swell Packer; 11,151.2; 12.60			
	Casing Joints; 11,163.8; 122.09			
	Frac Sleeve; 11,285.9; 4.15			
	Casing Joints; 11,290.0; 82.97			
	Swell Packer; 11,373.0; 12.60			
	Casing Joints; 11,385.6; 82.88			
	Frac Sleeve; 11,468.4; 4.12			
	Casing Joints; 11,472.6; 83.02			
	Swell Packer; 11,555.6; 12.60			
	Casing Joints; 11,568.2; 124.56			
	Frac Sleeve; 11,692.7; 4.12			
	Casing Joints; 11,696.9; 83.05			
	Float Collar; 11,779.9; 1.08			
	Float Shoe; 11,781.0; 2.00			