



Schematic - Form 5A

Well Name: Rieder 18Q-421

05123404630000		Spud Date 5/8/2015	Field Name Wattenberg	Surface Legal Location SWSE 18 4N 67W	State CO
Horizontal - Original Hole, 10/4/2016 11:17:47 AM					
MD (ftKB)	Vertical schematic (actual)				
11.8					
15.1	Wellhead; 13.0; 2.00				
58.7	Casing Hanger; 13.0; 4.00				
890.1	Casing Joints; 15.0; 43.70				
938.6	Casing Joints; 58.7; 878.88				
7,079.1	Shoe; 937.6; 1.00				
7,177.2	Casing Joints; 17.0; 7,539.60				
7,179.1	PBR; 7,220.8; 16.34				
7,215.2	LINER TOP PACKER; 7,237.1; 3.40				
7,218.8	Liner Hanger; 7,240.5; 5.70				
7,237.2	X-OVER 5" 153 VAM X 4 1/2 1353 BTC PIN; 7,246.2; 0.70				
7,246.1	Casing Joints; 7,246.9; 414.22				
7,556.4	Float Collar; 7,556.6; 1.50				
7,583.0	Casing Joints; 7,558.1; 41.44				
7,601.0	Float Shoe; 7,599.5; 1.50				
7,661.1	Swell Packer 20; 7,661.1; 12.60				
7,797.6	Casing Joints; 7,673.7; 123.95				
7,883.5	Frac Sleeve; 7,797.7; 3.17				
8,020.3	Casing Joints; 7,800.9; 82.81				
8,023.6	Swell Packer 19; 7,883.7; 12.60				
8,119.1	Casing Joints; 7,896.3; 124.26				
8,205.1	Frac Sleeve; 8,020.5; 3.17				
8,300.5	Casing Joints; 8,023.7; 82.81				
8,383.5	Swell Packer 18; 8,106.5; 12.60				
8,469.5	Casing Joints; 8,119.1; 82.79				
8,604.0	Frac Sleeve; 8,201.9; 3.17				
8,607.3	Casing Joints; 8,205.1; 82.85				
8,702.4	Swell Packer 17; 8,287.9; 12.60				
8,788.7	Casing Joints; 8,300.5; 82.85				
8,884.2	Frac Sleeve; 8,383.4; 3.17				
8,970.1	Casing Joints; 8,386.5; 82.84				
9,065.6	Swell Packer 16; 8,469.4; 12.60				
9,192.9	Casing Joints; 8,482.0; 122.00				
9,288.4	Frac Sleeve; 8,604.0; 3.17				
9,374.3	Casing Joints; 8,607.1; 82.84				
9,469.8	Swell Packer 15; 8,690.0; 12.60				
9,597.1	Casing Joints; 8,702.6; 82.86				
9,692.6	Frac Sleeve; 8,785.4; 3.17				
9,778.5	Casing Joints; 8,788.6; 82.85				
9,874.0	Swell Packer 14; 8,871.5; 12.60				
9,960.0	Casing Joints; 8,884.1; 82.79				
10,055.4	Frac Sleeve; 8,966.9; 3.17				
10,183.1	Casing Joints; 8,970.0; 82.89				
10,278.5	Swell Packer 13; 9,052.9; 12.60				
10,364.5	Casing Joints; 9,065.5; 124.11				
10,461.3	Frac Sleeve; 9,189.6; 3.17				
10,545.9	Casing Joints; 9,192.8; 82.87				
10,642.7	Swell Packer 12; 9,275.7; 12.60				
10,770.3	Casing Joints; 9,288.3; 82.82				
10,867.1	Frac Sleeve; 9,371.1; 3.17				
10,953.1	Casing Joints; 9,374.3; 82.84				
11,049.9	Swell Packer 11; 9,457.1; 12.60				
11,136.2	Casing Joints; 9,469.7; 124.25				
11,232.9	Frac Sleeve; 9,593.9; 3.17				
11,358.3	Casing Joints; 9,597.1; 82.89				
11,455.1	Swell Packer 10; 9,680.0; 12.60				
11,540.0	Casing Joints; 9,692.6; 82.79				
11,624.0	Frac Sleeve; 9,775.4; 3.17				
11,629.9	Casing Joints; 9,778.6; 82.83				
	Swell Packer 9; 9,861.4; 12.60				
	Casing Joints; 9,874.0; 82.90				
	Frac Sleeve; 9,956.9; 3.17				
	Casing Joints; 9,960.1; 82.91				
	Swell Packer 8; 10,043.0; 12.60				
	Casing Joints; 10,055.6; 124.23				
	Frac Sleeve; 10,179.8; 3.17				
	Casing Joints; 10,183.0; 82.86				
	Swell Packer 7; 10,265.8; 12.60				
	Casing Joints; 10,278.4; 82.84				
	Frac Sleeve; 10,361.3; 3.17				
	Casing Joints; 10,364.4; 82.90				
	Swell Packer 6; 10,447.3; 13.95				
	Casing Joints; 10,461.3; 81.57				
	Frac Sleeve; 10,542.9; 3.17				
	Casing Joints; 10,546.0; 82.89				
	Swell Packer 5; 10,628.9; 13.95				
	Casing Joints; 10,642.9; 124.31				
	Frac Sleeve; 10,767.2; 3.17				
	Casing Joints; 10,770.3; 82.89				
	Swell Packer 4; 10,853.2; 13.95				
	Casing Joints; 10,867.2; 82.84				
	Frac Sleeve; 10,950.0; 3.17				
	Casing Joints; 10,953.2; 82.84				
	Swell Packer 3; 11,036.0; 13.95				
	Casing Joints; 11,050.0; 82.92				
	Frac Sleeve; 11,132.9; 3.17				
	Casing Joints; 11,136.1; 82.87				
	Swell Packer 2; 11,218.9; 13.95				
	Casing Joints; 11,232.9; 122.23				
	Frac Sleeve; 11,355.1; 3.17				
	Casing Joints; 11,358.3; 82.90				
	Swell Packer 1; 11,441.2; 13.95				
	Casing Joints; 11,455.2; 81.66				
	Frac Sleeve; 11,536.8; 3.17				
	Casing Joints; 11,540.0; 82.94				
	Float Collar; 11,622.9; 1.08				
	Float Shoe; 11,624.0; 2.00				