



Schematic - Form 5A

Well Name: Rieder 18T-401

05123405680000		Spud Date 5/27/2015		Field Name Wattenberg		Surface Legal Location SESE 18 4N 67W		State CO	
Horizontal - Original Hole, 4/17/2017 9:39:24 AM									
MD (ftKB)		Vertical schematic (actual)							
11.8									
16.1									
860.9									
914.4									
7,086.0									
7,105.6									
7,111.9									
7,189.6									
7,254.9									
7,288.1									
7,294.9									
7,516.4									
7,521.0									
7,561.0									
7,607.3									
7,742.1									
7,826.8									
7,922.2									
8,006.9									
8,143.7									
8,229.7									
8,323.8									
8,410.8									
8,547.6									
8,634.2									
8,729.7									
8,815.0									
8,950.1									
9,037.1									
9,173.2									
9,259.2									
9,353.3									
9,440.3									
9,577.1									
9,663.4									
9,758.5									
9,845.8									
9,981.6									
10,068.6									
10,164.0									
10,251.0									
10,386.5									
10,473.1									
10,568.9									
10,655.8									
10,792.7									
10,879.6									
10,973.8									
11,060.7									
11,197.5									
11,284.1									
11,379.6									
11,466.5									
11,603.3									
11,690.0									
11,692.9									
		Wellhead; 13.0; 3.10							
		Casing Hanger; 13.0; 4.00							
		Casing Joints; 16.1; 897.30							
		Guide Shoe; 913.4; 1.00							
		Casing Joints; 17.0; 7,499.50							
		PBR; 7,085.8; 16.34							
		Liner Top Packer; 7,102.2; 3.40							
		Liner Hanger; 7,105.6; 5.70							
		Cross Over; 7,111.3; 0.70							
		Casing Joints; 7,112.0; 495.23							
		Float Collar; 7,516.5; 1.50							
		Casing Joints; 7,518.0; 41.50							
		Float Shoe; 7,559.5; 1.50							
		Swell Packer; 7,607.2; 12.60							
		Casing Joints; 7,619.8; 122.46							
		Frac Sleeve; 7,742.3; 4.11							
		Casing Joints; 7,746.4; 80.53							
		Swell Packer; 7,826.9; 12.60							
		Casing Joints; 7,839.5; 82.88							
		Frac Sleeve; 7,922.4; 4.11							
		Casing Joints; 7,926.5; 80.43							
		Swell Packer; 8,006.9; 12.60							
		Casing Joints; 8,019.5; 124.31							
		Frac Sleeve; 8,143.8; 4.11							
		Casing Joints; 8,147.9; 81.60							
		Swell Packer; 8,229.5; 12.60							
		Casing Joints; 8,242.1; 81.78							
		Frac Sleeve; 8,323.9; 4.11							
		Casing Joints; 8,328.0; 82.85							
		Swell Packer; 8,410.9; 12.60							
		Casing Joints; 8,423.5; 124.20							
		Frac Sleeve; 8,547.7; 4.11							
		Casing Joints; 8,551.8; 82.52							
		Swell Packer; 8,634.3; 12.60							
		Casing Joints; 8,646.9; 82.81							
		Frac Sleeve; 8,729.7; 4.11							
		Casing Joints; 8,733.8; 81.07							
		Swell Packer; 8,814.9; 12.60							
		Casing Joints; 8,827.5; 122.72							
		Frac Sleeve; 8,950.2; 4.11							
		Casing Joints; 8,954.3; 82.83							
		Swell Packer; 9,037.2; 12.60							
		Casing Joints; 9,049.8; 123.43							
		Frac Sleeve; 9,173.2; 4.11							
		Casing Joints; 9,177.3; 81.83							
		Swell Packer; 9,259.1; 12.60							
		Casing Joints; 9,271.7; 81.50							
		Frac Sleeve; 9,353.2; 4.11							
		Casing Joints; 9,357.3; 82.85							
		Swell Packer; 9,440.2; 12.60							
		Casing Joints; 9,452.8; 124.31							
		Frac Sleeve; 9,577.1; 4.11							
		Casing Joints; 9,581.2; 82.02							
		Swell Packer; 9,663.2; 12.60							
		Casing Joints; 9,675.8; 82.85							
		Frac Sleeve; 9,758.7; 4.11							
		Casing Joints; 9,762.8; 82.90							
		Swell Packer; 9,845.7; 12.60							
		Casing Joints; 9,858.3; 123.46							
		Frac Sleeve; 9,981.7; 4.11							
		Casing Joints; 9,985.9; 82.76							
		Swell Packer; 10,068.6; 12.60							
		Casing Joints; 10,081.2; 82.85							
		Frac Sleeve; 10,164.1; 4.11							
		Casing Joints; 10,168.2; 82.79							
		Swell Packer; 10,251.0; 12.60							
		Casing Joints; 10,263.6; 122.98							
		Frac Sleeve; 10,386.6; 4.11							
		Casing Joints; 10,390.7; 82.60							
		Swell Packer; 10,473.3; 12.60							
		Casing Joints; 10,485.9; 82.89							
		Frac Sleeve; 10,568.7; 4.11							
		Casing Joints; 10,572.9; 82.85							
		Swell Packer; 10,655.7; 12.60							
		Casing Joints; 10,668.3; 124.34							
		Frac Sleeve; 10,792.6; 4.11							
		Casing Joints; 10,796.8; 82.88							
		Swell Packer; 10,879.6; 12.60							
		Casing Joints; 10,892.2; 81.59							
		Frac Sleeve; 10,973.8; 4.11							
		Casing Joints; 10,977.9; 82.68							
		Swell Packer; 11,060.6; 12.60							
		Casing Joints; 11,073.2; 124.26							
		Frac Sleeve; 11,197.5; 4.11							
		Casing Joints; 11,201.6; 82.37							
		Swell Packer; 11,284.0; 12.60							
		Casing Joints; 11,296.6; 82.93							
		Frac Sleeve; 11,379.5; 4.11							
		Casing Joints; 11,383.6; 82.87							
		Swell Packer; 11,466.5; 12.60							
		Casing Joints; 11,479.1; 124.33							
		Frac Sleeve; 11,603.4; 4.11							
		Casing Joints; 11,607.5; 82.41							
		Float Collar; 11,689.9; 1.08							
		Float Shoe; 11,691.0; 2.00							