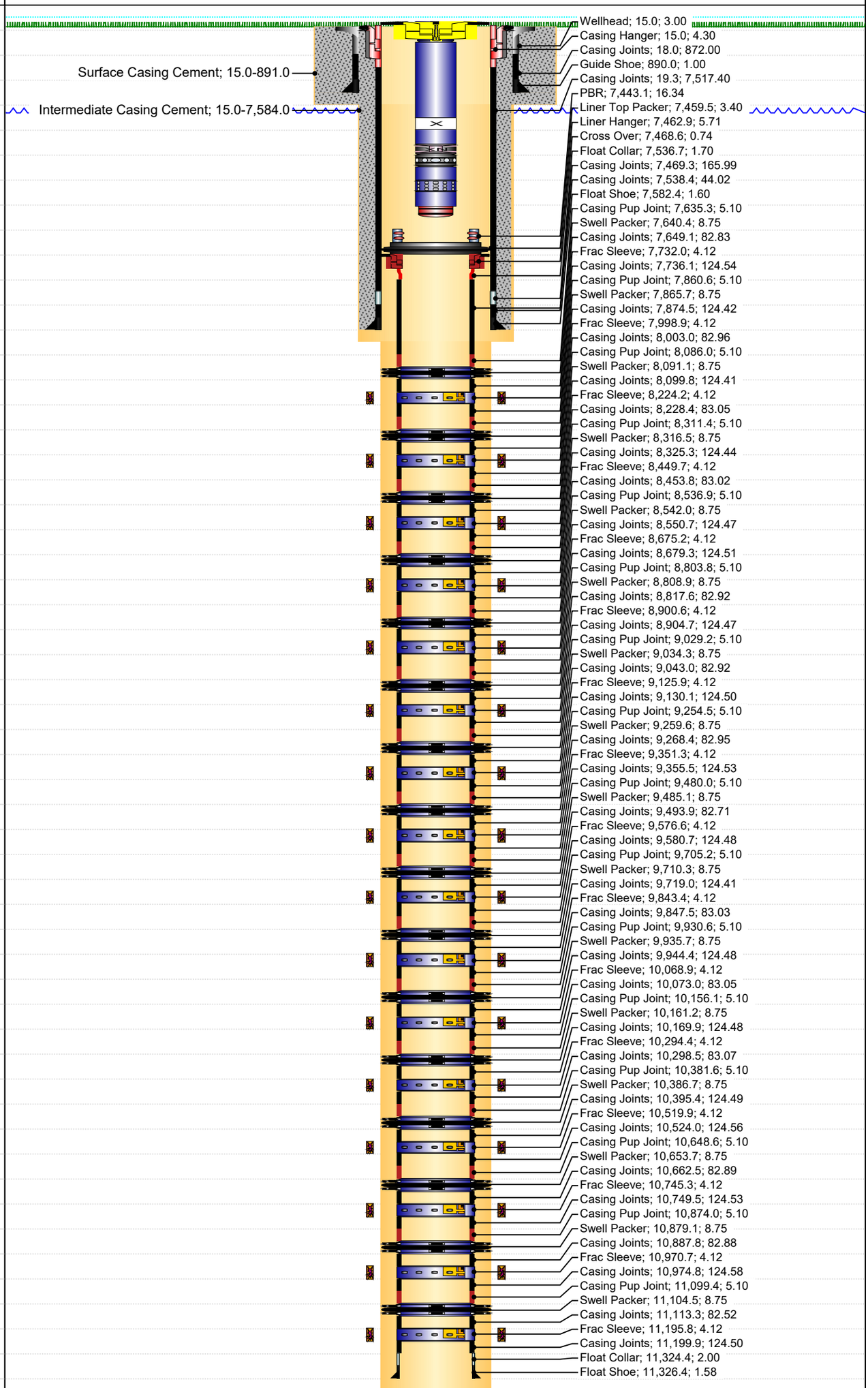
Schematic - Form 5A

Well Name: Harvesters Resources 15U-443

API	Spud Date	Field Name	Surface Legal Location	State
05123379170000	3/31/2014	Wattenberg	NENE 15 6N 66W	CO

Horizontal - Original Hole, 3/8/2017 8:49:27 AM

MD (ftKB)	Vertical schematic (actual)
15.1	Wellhead; 15.0; 3.00
18.0	Casing Hanger; 15.0; 4.30
890.1	Casing Joints; 18.0; 872.00
900.9	Guide Shoe; 890.0; 1.00
7,072.2	Casing Joints; 19.3; 7,517.40
7,235.2	PBR; 7,443.1; 16.34
7,268.4	Liner Top Packer; 7,459.5; 3.40
7,276.9	Liner Hanger; 7,462.9; 5.71
7,443.2	Cross Over; 7,468.6; 0.74
7,462.9	Float Collar; 7,536.7; 1.70
7,469.2	Casing Joints; 7,469.3; 165.99
7,538.4	Casing Joints; 7,538.4; 44.02
7,584.0	Float Shoe; 7,582.4; 1.60
7,635.2	Casing Pup Joint; 7,635.3; 5.10
7,649.3	Swell Packer; 7,640.4; 8.75
7,736.2	Casing Joints; 7,649.1; 82.83
7,865.8	Frac Sleeve; 7,732.0; 4.12
7,999.0	Casing Joints; 7,736.1; 124.54
8,086.0	Casing Pup Joint; 7,860.6; 5.10
8,099.7	Swell Packer; 7,865.7; 8.75
8,228.3	Casing Joints; 7,874.5; 124.42
8,316.6	Frac Sleeve; 7,998.9; 4.12
8,449.8	Casing Joints; 8,003.0; 82.96
8,536.7	Casing Pup Joint; 8,086.0; 5.10
8,550.9	Swell Packer; 8,091.1; 8.75
8,679.1	Casing Joints; 8,099.8; 124.41
8,809.1	Frac Sleeve; 8,224.2; 4.12
8,900.6	Casing Joints; 8,228.4; 83.05
9,029.2	Casing Pup Joint; 8,311.4; 5.10
9,043.0	Swell Packer; 8,316.5; 8.75
9,129.9	Casing Joints; 8,325.3; 124.44
9,259.5	Frac Sleeve; 8,449.7; 4.12
9,351.4	Casing Joints; 8,453.8; 83.02
9,480.0	Casing Pup Joint; 8,536.9; 5.10
9,493.8	Swell Packer; 8,542.0; 8.75
9,580.7	Casing Joints; 8,550.7; 124.47
9,710.3	Frac Sleeve; 8,675.2; 4.12
9,843.5	Casing Joints; 8,679.3; 124.51
9,930.4	Casing Pup Joint; 8,803.8; 5.10
9,944.6	Swell Packer; 8,808.9; 8.75
10,073.2	Casing Joints; 8,817.6; 82.92
10,161.1	Frac Sleeve; 8,900.6; 4.12
10,294.3	Casing Joints; 8,904.7; 124.47
10,381.6	Casing Pup Joint; 9,029.2; 5.10
10,395.3	Swell Packer; 9,034.3; 8.75
10,523.9	Casing Joints; 9,043.0; 82.92
10,653.9	Frac Sleeve; 9,125.9; 4.12
10,745.4	Casing Joints; 9,130.1; 124.50
10,874.0	Casing Pup Joint; 9,254.5; 5.10
10,887.8	Swell Packer; 9,259.6; 8.75
10,974.7	Casing Joints; 9,268.4; 82.95
11,104.7	Frac Sleeve; 9,351.3; 4.12
11,195.9	Casing Joints; 9,355.5; 124.53
11,324.5	Casing Pup Joint; 9,480.0; 5.10
11,328.1	Swell Packer; 9,485.1; 8.75
	Casing Joints; 9,493.9; 82.71
	Frac Sleeve; 9,576.6; 4.12
	Casing Joints; 9,580.7; 124.48
	Casing Pup Joint; 9,705.2; 5.10
	Swell Packer; 9,710.3; 8.75
	Casing Joints; 9,719.0; 124.41
	Frac Sleeve; 9,843.4; 4.12
	Casing Joints; 9,847.5; 83.03
	Casing Pup Joint; 9,930.6; 5.10
	Swell Packer; 9,935.7; 8.75
	Casing Joints; 9,944.4; 124.48
	Frac Sleeve; 10,068.9; 4.12
	Casing Joints; 10,073.0; 83.05
	Casing Pup Joint; 10,156.1; 5.10
	Swell Packer; 10,161.2; 8.75
	Casing Joints; 10,169.9; 124.48
	Frac Sleeve; 10,294.4; 4.12
	Casing Joints; 10,298.5; 83.07
	Casing Pup Joint; 10,381.6; 5.10
	Swell Packer; 10,386.7; 8.75
	Casing Joints; 10,395.4; 124.49
	Frac Sleeve; 10,519.9; 4.12
	Casing Joints; 10,524.0; 124.56
	Casing Pup Joint; 10,648.6; 5.10
	Swell Packer; 10,653.7; 8.75
	Casing Joints; 10,662.5; 82.89
	Frac Sleeve; 10,745.3; 4.12
	Casing Joints; 10,749.5; 124.53
	Casing Pup Joint; 10,874.0; 5.10
	Swell Packer; 10,879.1; 8.75
	Casing Joints; 10,887.8; 82.88
	Frac Sleeve; 10,970.7; 4.12
	Casing Joints; 10,974.8; 124.58
	Casing Pup Joint; 11,099.4; 5.10
	Swell Packer; 11,104.5; 8.75
	Casing Joints; 11,113.3; 82.52
	Frac Sleeve; 11,195.8; 4.12
	Casing Joints; 11,199.9; 124.50
	Float Collar; 11,324.4; 2.00
	Float Shoe; 11,326.4; 1.58