

API/ULI 05-071-09153-0000	Surface Legal Location	Lease Name	Field Name RATON-SANGRE DE CRISTO	State COLORADO
Well Profile VERTICAL	Original KB Elevation (ft) 7,818.00	KB-Ground Distance (ft) 4.00	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)

Most Recent Job

Job Category WELL SERVICE	Primary Job Type WELL SERVICE	Secondary Job Type ABANDON ZONE	Start Date 8/15/2016	End Date 8/16/2016
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VERTICAL - Original, 9/20/2016 7:52:38 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	DLS (°/100)	Vertical schematic (actual)
0.0					
1.6					
3.6					
3.9					
14.1					1-1; Casing Joints; 13 3/8; 12.715; 4.0-14.0; 10.00
45.6					2-1; Casing Joints; 9 5/8; 8.921; 3.5-45.6; 42.10
60.0					
87.9					2-2; Centralizer; 9 5/8; 8.921; 45.6-87.8; 42.20
171.9					2-3; Casing Joints; 9 5/8; 8.921; 87.8-171.8; 84.00
213.9					2-4; Centralizer; 9 5/8; 8.921; 171.8-213.9; 42.10
297.9					2-5; Casing Joints; 9 5/8; 8.921; 213.9-298.0; 84.10
339.9					2-6; Centralizer; 9 5/8; 8.921; 298.0-340.0; 42.00
381.9					2-7; Casing Joints; 9 5/8; 8.921; 340.0-382.0; 42.00
882.9					3-1; Casing Joints; 7 5/8; 6.969; 3.9-1,203.0; 1,199.10
1,154.9					4-1; Casing Joints; 5 1/2; 4.892; 1.6-1,246.1; 1,244.50
1,203.1					
1,204.1					3-2; Guide Shoe; 7 5/8; 6.969; 1,203.0-1,204.0; 1.00
1,246.1					
1,259.8					4-2; Centralizer; 5 1/2; 4.892; 1,246.1-1,288.4; 40.30
1,286.4					4-3; Casing Joints; 5 1/2; 4.892; 1,288.4-1,818.7; 532.25
1,818.6					4-4; Centralizer; 5 1/2; 4.892; 1,818.7-1,859.9; 41.20
1,859.9					4-5; Casing Joints; 5 1/2; 4.892; 1,859.9-2,394.4; 534.50
2,100.1					
2,200.1					
2,202.1					
2,228.0					Conventional Perf; 2,228.0-2,231.0; 4/20/2007
2,231.0					Conventional Perf; 2,238.0-2,241.0; 4/20/2007
2,237.9					
2,241.1					
2,304.1					Conventional Perf; 2,435.0-2,439.0; 4/20/2007
2,394.4					4-6; Centralizer; 5 1/2; 4.892; 2,394.3-2,694.2; 299.90
2,435.0					Conventional Perf; 2,696.0-2,702.0; 4/20/2007
2,439.0					Conventional Perf; 2,713.0-2,715.0; 4/20/2007
2,694.2					4-7; Casing Joints; 5 1/2; 4.892; 2,694.2-2,735.5; 41.25
2,695.9					
2,702.1					4-8; Centralizer; 5 1/2; 4.892; 2,735.5-2,776.9; 41.40
2,712.9					4-9; Casing Joints; 5 1/2; 4.892; 2,776.9-2,818.2; 41.25
2,714.9					4-10; Centralizer; 5 1/2; 4.892; 2,818.1-2,833.0; 14.85
2,735.6					4-11; Guide Shoe; 5 1/2; 4.892; 2,833.0-2,834.0; 1.00
2,752.0					
2,776.9					
2,804.1					
2,818.2					
2,833.0					
2,834.0					