



Schematic - Current

Well Name: GRANT ELMQUIST 2A-14H C268

API # 05123376520000	Well Type Gas	Operating Region Western Ops	Division DJ Basin	Area Wattenberg	Pad GRANT ELMQUIST 14H-C268	County/Parish Weld	State CO	Field Name Wattenberg
-------------------------	------------------	---------------------------------	----------------------	--------------------	--------------------------------------	-----------------------	-------------	--------------------------

Most Recent Job

Job Category Completion	Primary Job Type Original Completion	Secondary Job Type D&C	Start Date 02/03/2015	End Date 03/27/2015
----------------------------	---	---------------------------	--------------------------	------------------------

TD: 13,833.0

Directional Horizontal Well - Original Hole, 08/03/2015 11:48:00 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
-5.2	-5.2	0.0	DLS (°/...	1-2; Tubing Hanger; 4 1/16; 1.960; 13.0-13.8; 0.85
13.8	13.8	0.0		3-1; Landing Jt.; 7; 6.276; 13.0-15.7; 21.40
19.0	19.0	0.1		3-2; Hanger; 7; 6.276; 15.7-19.7; 3.93
62.7	62.7	0.2		2-1; Pup Joint; 9 5/8; 8.835; 17.9-22.3; 4.40
580.1	578.4	7.4		3-3; Casing Joints; 7; 6.260; 19.7-62.7; 43.04
851.4	846.3	11.0		1-1; Casing Joints; 16; 15.250; 13.0-93.0; 80.00
6,851.7	6,703.4	25.6		2-2; Casing Joints; 9 5/8; 8.835; 22.3-806.6; 784.34
6,919.0	6,763.2	29.5		2-3; Float Collar; 9 5/8; 8.835; 806.6-807.6; 0.95
7,345.1	7,086.3	51.0		2-4; Casing Joints; 9 5/8; 8.835; 807.6-851.5; 43.94
7,379.6	7,107.3	53.2		2-5; Float Shoe; 9 5/8; 8.835; 851.5-853.0; 1.50
7,549.9	7,191.9	67.7		1-3; Tubing; 2 3/8; 1.995; 13.8-6,851.8; 6,837.91
7,748.0	7,231.8	85.3		4-1; Casing Joints; 4 1/2; 3.920; 13.0-6,896.3; 6,901.51
7,771.0	7,233.4	85.8		3-4; Casing Joints; 7; 6.276; 62.7-7,703.2; 7,640.51
8,148.0	7,245.4	88.8		1-4; X-Nipple; 2 3/8; 1.875; 6,851.8-6,852.7; 0.93
8,449.1	7,257.1	86.6		4-2; Marker Joint; 4 1/2; 3.920; 6,896.3-6,918.9; 22.58
8,827.1	7,270.1	88.5		1-5; Tubing; 2 3/8; 1.995; 6,852.7-7,344.0; 491.31
9,127.0	7,273.8	90.2		1-6; Saver Sub; 2 3/8; 1.991; 7,344.0-7,345.1; 1.10
9,504.9	7,265.9	90.9		1-7; Tubing; 2 3/8; 1.995; 7,345.1-7,377.9; 32.75
9,804.1	7,260.0	91.4		1-8; XN-Nipple; 2 3/8; 1.811; 7,377.9-7,378.9; 1.05
10,183.1	7,252.6	90.9		1-9; Burst disk; 2 3/8; 1.810; 7,378.9-7,379.7; 0.80
10,455.1	7,252.5	89.9		1-10; Mule Shoe; 2 3/8; 1.991; 7,379.7-7,380.1; 0.40
10,634.8	7,255.5	88.5		3-5; Float Collar; 7; 6.276; 7,703.2-7,705.6; 2.38
10,934.1	7,263.9	89.4		3-6; Casing Joints; 7; 6.276; 7,705.6-7,747.9; 42.30
11,312.0	7,252.4	92.7		3-7; Float Shoe; 7; 6.276; 7,747.9-7,750.0; 2.10
11,612.9	7,251.1	90.5		Perforated; 7,771.0-7,917.0; 02/25/2015
11,990.2	7,252.5	90.2		Perforated; 7,997.0-8,148.0; 02/25/2015
12,289.0	7,251.2	90.7		Perforated; 8,223.0-8,376.0; 02/25/2015
12,591.5	7,247.2	90.2		Perforated; 8,449.0-8,601.0; 02/25/2015
12,894.0	7,245.2	90.7		Perforated; 8,675.0-8,827.0; 02/24/2015
13,192.9	7,247.7	89.1		Perforated; 8,904.0-9,053.0; 02/24/2015
13,568.9	7,251.8	89.2		Perforated; 9,127.0-9,279.0; 02/24/2015
13,770.0	7,253.7	89.3		Perforated; 9,352.0-9,505.0; 02/24/2015
13,814.6	7,254.3	89.2		Perforated; 9,578.0-9,732.0; 02/24/2015
13,833.0	7,254.6	89.2		Perforated; 9,804.0-9,957.0; 02/24/2015
				Perforated; 10,025.0-10,183.0; 02/24/2015
				Perforated; 10,261.0-10,409.0; 02/23/2015
				4-3; Casing Joints; 4 1/2; 3.920; 6,918.9-13,769.2; 6,850.30
				Perforated; 10,455.0-10,474.0; 02/23/2015
				Perforated; 10,484.0-10,635.0; 02/23/2015
				Perforated; 10,709.0-10,860.0; 02/23/2015
				Perforated; 10,934.0-11,086.0; 02/22/2015
				Perforated; 11,160.0-11,312.0; 02/22/2015
				Perforated; 11,391.0-11,538.0; 02/22/2015
				Perforated; 11,613.0-11,764.0; 02/22/2015
				Perforated; 11,837.0-11,990.0; 02/21/2015
				Perforated; 12,063.0-12,216.0; 02/21/2015
				Perforated; 12,289.0-12,442.0; 02/21/2015
				Perforated; 12,515.0-12,667.0; 02/21/2015
				Perforated; 12,741.0-12,894.0; 02/21/2015
				Perforated; 12,967.0-13,119.0; 02/20/2015
				Perforated; 13,193.0-13,345.0; 02/20/2015
				Perforated; 13,421.0-13,569.0; 02/20/2015
				Slotted Liner; 13,769.0-13,770.0; 02/20/2015
				4-4; Sliding sleeve; 4 1/2; 3.920; 13,769.2-13,772.5; 3.30
				4-5; Casing Joints; 4 1/2; 3.920; 13,772.5-13,812.9; 40.43
				4-6; Collar - landing; 4 1/2; 3.920; 13,812.9-13,814.6; 1.70
				4-7; Float Collar; 4 1/2; 3.920; 13,814.6-13,816.2; 1.58
				4-8; Float Shoe; 4 1/2; 3.920; 13,816.2-13,818.0; 1.78