



## Schematic - Current

Well Name: NEWNAM 2F-32H C264

API # 05123397780000	Well Type Gas	Operating Region Western Ops	Division DJ Basin	Area Wattenberg	Pad Newnam 32H-C264	County/Parish Weld	State CO	Field Name Wattenberg
Operator		Well Status	Orig KB El...	Gr Elev (ft)	KB-Grd (ft)	Total Depth (All) (ftKB)	Total Depth (TVD) (ftKB)	PBTD (All) (ftKB)

### Most Recent Job

Job Category Completion	Primary Job Type Original Completion	Secondary Job Type D&C	Start Date 03/13/2015	End Date 04/20/2015
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TD: 11,632.0

Directional Horizontal Well - Original Hole, 06/16/2015 1:43:19 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
			DLS (°/...	
11.2	11.2	0.3		1-2; Tubing Hanger; 2 3/8; 1.940; 13.0-13.8; 0.85
16.7	16.7	0.3		2-2; A&B section; 9 5/8; 8.835; 13.8-17.4; 3.65
19.0	19.0	0.3		3-2; Hanger & Pup Joint; 7; 6.276; 16.7-20.4; 3.74
134.8	134.8	0.3		2-3; Pup Jt below Base Plate; 9 5/8; 8.835; 17.4-21.8; 4.37
980.6	974.1	9.1		1-1; Casing Joints; 16; 15.250; 19.0-137.0; 126.00
1,025.6	1,018.6	8.4		2-4; Casing Joints; 9 5/8; 8.835; 21.8-980.6; 958.86
5,611.9	5,563.8	0.8		2-5; Float Collar; 9 5/8; 8.835; 980.6-981.6; 0.93
6,819.9	6,757.5	28.9		2-6; Casing Joints; 9 5/8; 8.835; 981.6-1,024.2; 42.63
6,916.0	6,839.4	33.9		2-7; Shoe; 9 5/8; 8.835; 1,024.2-1,025.6; 1.41
7,209.3	7,054.5	55.0		4-2; Casing Joints; 4 1/2; 3.920; 13.0-6,403.6; 6,407.86
7,211.6	7,055.9	55.2		1-3; Tubing; 2 3/8; 1.995; 13.8-6,819.9; 6,806.10
7,481.3	7,144.5	84.5		3-3; Casing Joints; 7; 6.276; 20.4-7,479.5; 7,459.08
7,544.0	7,148.3	88.1		4-3; Marker jt. A; 4 1/2; 3.920; 6,403.6-6,424.6; 21.06
7,696.9	7,152.4	88.7		1-4; Profile Nipple; 2.59; 1.875; 6,819.9-6,820.9; 0.93
7,951.1	7,153.6	90.7		1-5; Tubing; 2 3/8; 1.995; 6,820.9-7,175.8; 354.96
8,149.0	7,150.2	90.7		1-6; Tubing Nipple; 2.59; 1.995; 7,175.8-7,176.9; 1.10
8,297.9	7,147.7	91.6		1-7; Tubing; 2 3/8; 1.995; 7,176.9-7,209.3; 32.35
8,554.1	7,141.8	89.9		1-8; Profile Nipple; 3 1/16; 1.790; 7,209.3-7,210.3; 1.05
8,751.0	7,147.2	88.1		1-9; Rupture Disc; 3 1/16; 1.995; 7,210.3-7,211.1; 0.80
8,855.0	7,150.6	88.1		1-10; Mule Shoe Collar; 3 1/16; 2.594; 7,211.1-7,211.5; 0.41
9,053.1	7,155.1	88.8		3-4; Halco Float Collar; 7.92; 6.276; 7,479.5-7,481.2; 1.70
9,307.1	7,153.8	91.8		3-5; Casing Joints; 7; 6.276; 7,481.2-7,526.3; 45.14
9,503.9	7,147.1	91.5		3-6; Halco Float Shoe; 7.92; 6.276; 7,526.3-7,529.0; 2.68
9,670.9	7,143.9	90.5		Perforated; 7,547.0-7,649.0; 04/04/2015
9,908.1	7,142.3	90.7		Perforated; 7,697.0-7,803.0; 04/04/2015
10,107.0	7,139.7	91.1		Perforated; 7,852.0-7,951.0; 04/04/2015
10,359.9	7,134.3	92.9		Perforated; 7,998.0-8,102.0; 04/03/2015
10,506.9	7,128.4	91.6		Perforated; 8,149.0-8,252.0; 04/03/2015
10,709.0	7,128.6	87.4		Perforated; 8,298.0-8,404.0; 04/03/2015
10,913.1	7,134.7	89.0		Perforated; 8,450.0-8,554.0; 04/03/2015
11,113.8	7,138.4	89.1		Perforated; 8,601.0-8,704.0; 04/03/2015
11,312.0	7,139.9	89.6		Perforated; 8,751.0-8,855.0; 04/03/2015
11,513.1	7,139.8	90.6		Perforated; 8,907.0-9,005.0; 04/03/2015
11,562.0	7,139.2	91.1		4-4; Casing Joints; 4 1/2; 3.920; 6,424.6-11,562.2; 5,137.63
11,565.3	7,139.2	91.1		Perforated; 9,053.0-9,156.0; 04/02/2015
11,614.8	7,138.2	91.2		Perforated; 9,203.0-9,307.0; 04/02/2015
				Perforated; 9,354.0-9,452.0; 04/02/2015
				Perforated; 9,504.0-9,608.0; 04/02/2015
				Perforated; 9,655.0-9,758.0; 04/02/2015
				Perforated; 9,806.0-9,908.0; 03/25/2015
				Perforated; 9,956.0-10,062.0; 03/20/2015
				Perforated; 10,107.0-10,209.0; 03/20/2015
				Perforated; 10,257.0-10,360.0; 03/20/2015
				Perforated; 10,408.0-10,507.0; 03/20/2015
				Perforated; 10,563.0-10,661.0; 03/20/2015
				Perforated; 10,709.0-10,812.0; 03/20/2015
				Perforated; 10,860.0-10,962.0; 03/19/2015
				Perforated; 11,008.0-11,114.0; 03/19/2015
				Perforated; 11,161.0-11,263.0; 03/19/2015
				Perforated; 11,312.0-11,414.0; 03/19/2015
				Perforated; 11,505.0-11,513.0; 03/18/2015
				Slotted Liner; 11,562.0-11,564.0; 03/13/2015
				4-5; RSI Tool; 5.60; 3.920; 11,562.2-11,565.4; 3.20
				4-6; Casing Joints; 4 1/2; 3.920; 11,565.4-11,611.5; 46.05
				4-7; Landing Collar; 5.20; 1.930; 11,611.5-11,613.2; 1.70
				4-8; Float Collar; 5.04; 3.904; 11,613.2-11,614.7; 1.55
				4-9; Shoe; 5.04; 3.904; 11,614.7-11,617.0; 2.25