

Schematic - Current
Well Name: Gardner 28-4A (PC28)

API # 05045211870000	Well Type Gas	Business Unit Southern Rockies	SBU South Piceance	Area Parachute	Pad PC28	County/Parish GARFIELD	State CO	Field Name Parachute
Operator Encana Oil & Gas (USA), Inc		Well Status Cased Gas Well	Orig KB El... 22.97	Gr Elev (ft)	KB-Grd (ft)	Total Depth (All) (ftKB) Original Hole - Initial Migration - 7,557.0	Total Depth (TVD) (ftKB) Original Hole - Initial Migration - 7,328.3	PBTD (All) (ftKB) Original Hole - Initial...

Most Recent Job

Job Category Completion	Primary Job Type Original Completion	Secondary Job Type D&C	Start Date 11/30/2012	End Date 12/03/2012
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TD: 7,557.0

Directional - Original Hole - Initial Migration, 01/07/2013 3:26:34 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	DLS (°/100)	Vertical schematic (actual)
0.0	0.0	0.5		0	2-1; Casing Joints; 9 5/8; 8.921; 0.0-20.5; 20.50
	20.0				3-1; Casing Joints; 4 1/2; 4.000; 0.0-24.2; 24.20
20.3	20.3	0.5			1-2; Tubing Hanger; 4 1/16; 1.940; 19.9-20.8; 0.84
	20.7				1-3; Nipple; 2.59; 1.995; 20.8-21.4; 0.67
21.3	21.3	0.5			2-2; Casing Hanger; 9 5/8; 8.921; 20.5-23.2; 2.65
	23.3				
24.3	24.3	0.5			2-3; Casing Pup Joint; 9 5/8; 8.921; 23.2-26.0; 2.85
	25.9				3-2; Casing Joints; 4 1/2; 4.000; 24.2-29.2; 5.00
29.2	29.2	0.5			1-1; Casing Joints; 16; 0.0-86.0; 86.00
	86.0				
1,122.7	1,098.2	19.3			2-4; Casing Joints; 9 5/8; 8.921; 26.0-1,122.8; 1,096.81
	1,099.8				2-5; Float Collar; 9 5/8; 1,122.8-1,124.2; 1.40
1,167.3	1,140.3	19.4			2-6; Float Joint; 9 5/8; 8.921; 1,124.2-1,167.2; 42.99
	1,140.9				2-7; Float Shoe; 9 5/8; 1,167.2-1,168.0; 0.80
1,185.0	1,157.0	19.4			3-3; Casing Joints; 4 1/2; 4.000; 29.2-5,290.8; 5,261.57
	3,588.9				1-4; Tubing; 2 3/8; 1.995; 21.4-6,577.7; 6,556.22
4,480.0	4,262.9	14.4			
	4,866.0				
5,290.7	5,062.4	0.9			3-4; Marker Joint; 4 1/2; 4.000; 5,290.8-5,312.4; 21.58
	5,084.0				
5,397.0	5,168.6	1.0			
	5,189.6				
5,679.1	5,450.8	0.4			Perforated; 5,418.0-5,679.0; 10/03/2012
	5,491.8				3-5; Casing Joints; 4 1/2; 4.000; 5,312.4-6,297.9; 985.55
6,008.9	5,780.5	0.7			Perforated; 5,720.0-6,009.0; 10/01/2012
	5,809.7				
6,267.1	6,038.7	0.7			Perforated; 6,038.0-6,267.0; 09/29/2012
	6,069.5				
6,304.1	6,075.7	0.8			3-6; Marker Joint; 4 1/2; 4.000; 6,297.9-6,320.0; 22.11
	6,091.8				Perforated; 6,304.0-6,611.0; 09/27/2012
6,577.8	6,349.3	0.6			1-5; Profile Nipple; 3 1/16; 1.810; 6,577.7-6,578.6; 0.97
	6,350.3				1-6; Tubing; 2 3/8; 1.995; 6,578.6-6,610.7; 32.05
6,610.6	6,382.1	0.4			
	6,382.4				1-7; Wireline Guide; 3 1/16; 2.000; 6,610.7-6,611.6; 0.92
6,611.5	6,383.1	0.4			
	6,411.6				Perforated; 6,640.0-6,935.0; 09/26/2012
6,935.0	6,706.6	1.3			3-7; Casing Joints; 4 1/2; 4.000; 6,320.1-7,480.8; 1,160.80
	6,741.7				
7,017.1	6,788.5	1.9			Perforated; 6,970.0-7,309.0; 09/23/2012
	7,080.4				
7,341.9	7,113.2	0.8			
	7,142.4				
7,478.0	7,249.4	0.8			
	7,251.3				
7,481.0	7,252.3	0.8			3-8; Float Collar; 4 1/2; 7,480.8-7,482.3; 1.50
	7,253.6				3-9; Float Joint; 4 1/2; 4.000; 7,482.3-7,525.5; 43.20
7,525.6	7,296.9	0.8			3-10; Float Shoe; 4 1/2; 7,525.5-7,527.0; 1.45
	7,298.2				
7,557.1	7,328.4	0.8			