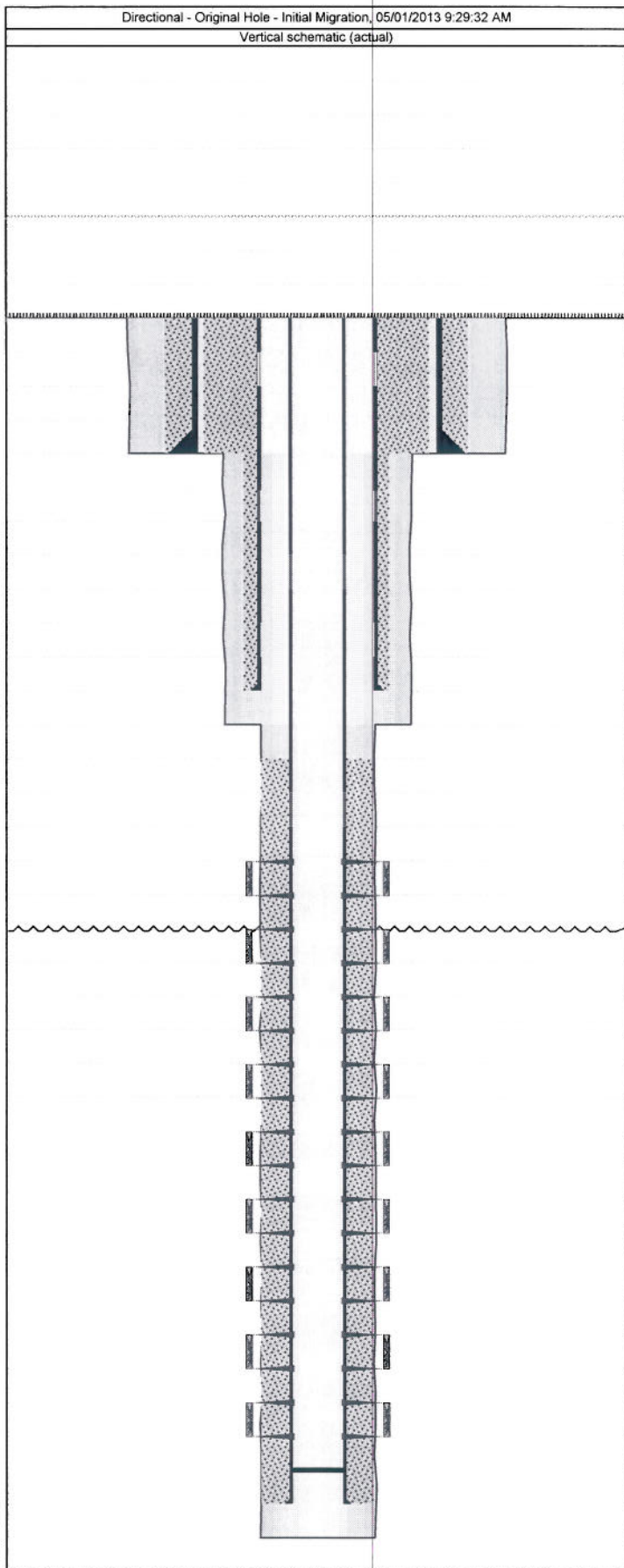


# Final Well Report Detailed (graphic)

Well Name: SG 8509C-21 N22 496

API # 05045210330000	Well Type Gas	Business Unit Southern Rockies	SBU North Piceance	Area Story Gulch	Pad N22 496	State CO	County/Parish GARFIELD
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## Well Header Setup

Well Name SG 8509C-21 N22 496		API # 05045210330000	
Original KB Elevation (ft) 7,607.00	Ground Elevation (ft) 7,585.00	Spud Date 03/04/2012	Final Rig Relea. 04/14/2012
Surface Legal Location		Latitude (decimal) (*) 39.68394200	Longitude (decimal) (*) -108.15716400

## Wellbore Sections Setup

Wellbore Type Original Hole - Initial Migration		Kick Off Depth (ftKB) 283.20	VS Dir (*)
Section Des	Hole Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Conductor	30	22.0	120.0
Surface	14 3/4	120.0	2,147.0
Production	8 3/4	2,147.0	11,847.0

## Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
07/25/2012	11,803.0		Wellcore PBDT (TVD): 10962.0000166622

## Casing Data

Casing Description Conductor	Run Date 01/03/2012	Set Depth (ftKB) 120.0
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Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	20		52.78	A53B	120.00

## Surface

Casing Description Surface	Run Date 03/05/2012	Set Depth (ftKB) 2,127.5
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Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Float Shoe	9 5/8			J-55	1.50
Casing Joints	9 5/8	8.921	36.00	J-55	42.14
Float Collar	9 5/8			J-55	1.50
Casing Joints	9 5/8	8.921	36.00	J-55	43.78
Casing Joints	9 5/8	8.921	36.00	J-55	84.56
Collar	9 5/8				1.50
Casing Joints	9 5/8	8.921	36.00	K-55	1,924.43
Casing Joints	9 5/8				4.80
Casing Joints	9 5/8	8.921	36.00	J-55	28.00

## Production

Casing Description Production	Run Date 04/12/2012	Set Depth (ftKB) 11,827.0
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Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Float Shoe	4 1/2			P-110	1.50
Shoe	4 1/2	4.000	11.60	P-110	20.64
Float Collar	4 1/2			P-110	1.50
Casing Joints	4 1/2	4.000	11.60	P-110	1,456.26
Marker Joint	4 1/2	4.000	11.60	P-110	20.59
Casing Joints	4 1/2	4.000	11.60	P-110	2,897.49
Marker Joint	4 1/2	4.000	11.60	P-110	21.04
Casing Joints	4 1/2	4.000	11.60	P-110	7,413.00

## Cement Data

### Conductor, 120.0ftKB Proposed? No

Description Conductor Cement	String Conductor, 120.0ftKB Proposed? No	Wellbore Original Hole - Initial Migration	Type Casing
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Stg # 1	Description Conductor	Top (ftKB) 22.0	Btm (ftKB) 120.0	Full Return? Yes
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Sequence	Fluid Des 19 yds - Redi Mix	Amount (sacks) 133	Class
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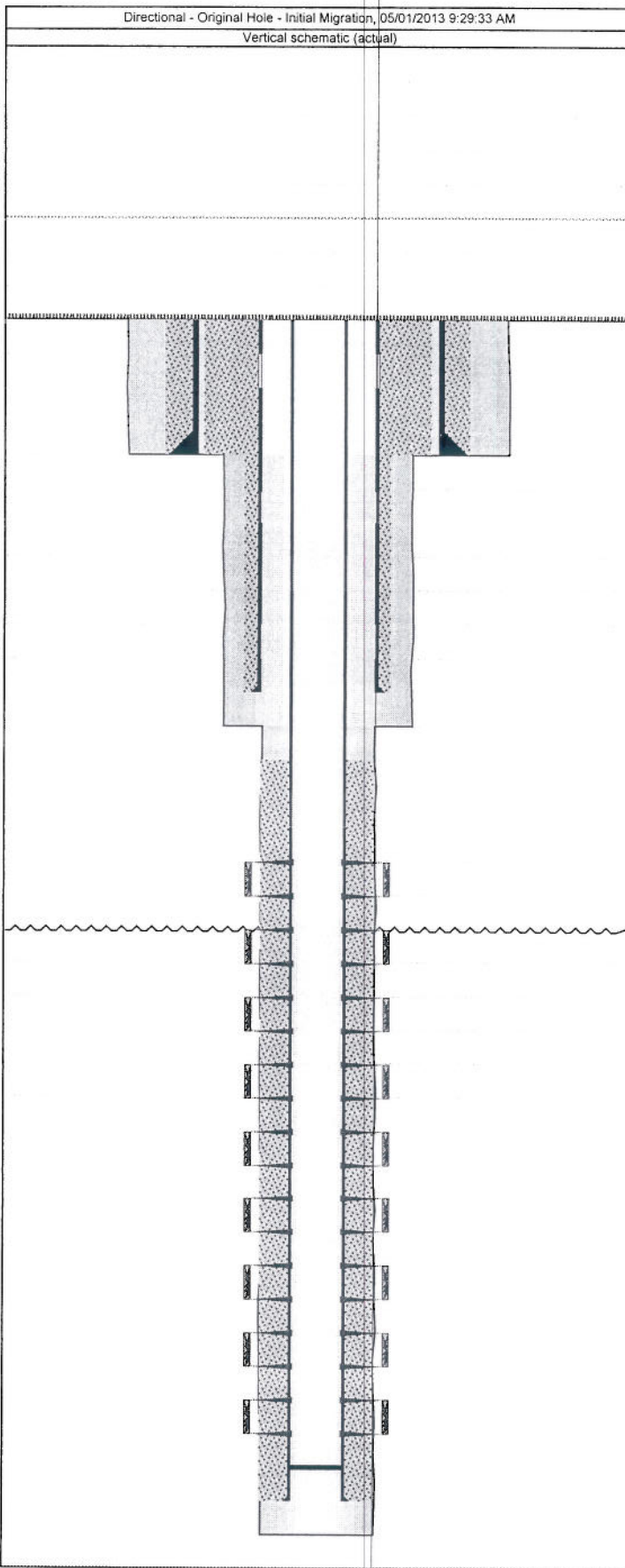
### Surface, 2,127.5ftKB Proposed? No

Description Surface Casing Cement	String Surface, 2,127.5ftKB Proposed? No	Wellbore Original Hole - Initial Migration	Type Casing
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# Final Well Report Detailed (graphic)

Well Name: SG 8509C-21 N22 496

API # 05045210330000	Well Type Gas	Business Unit Southern Rockies	SBU North Piceance	Area Story Gulch	Pad N22 496	State CO	County/Parish GARFIELD
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Stg # 1	Description Surface	Top (ftKB) 22.0	Btm (ftKB) 2,127.5	Full Return?
Sequence		Fluid Des	Amount (sacks)	Class
Lead		11# LiteFIL	471	
Tail		12.5# LiteFIL	246	
Production, 11,827.0ftKB Proposed? No				
Description Production Casing Cement		String Production, 11,827.0ftKB Proposed? No	Wellbore Original Hole - Initial Migration	Type Casing
Stg # 1	Description Production	Top (ftKB) 3,474.0	Btm (ftKB) 11,827.0	Full Return?
Sequence		Fluid Des	Amount (sacks)	Class
Lead		12ppg TXI LS	576	
Tail		13ppg Rockies Correct GMS Enc	461	
Fill		11ppg TXI	937	
Tubing Data				
Tubing Description			Tubing Set Date	Set Depth (ftKB)
Item Des	OD (in)	ID (in)	Len (ft)	
Rod Data				
Rod Description		Run Date	Set Depth (ftKB)	
Item Des	OD (in)	Len (ft)		
Zones				
Zone Name Williams Fork		Wellbore Original Hole - Initial Migration	Top Depth (ftKB) 7,943.0	Btm (ftKB) 11,780.0
Cur Stat Date 04/11/2013	Current Status Producing	Formation(s) Williams Fork		
Zone Name Rollins		Wellbore Original Hole - Initial Migration	Top Depth (ftKB) 11,781.0	Btm (ftKB) 11,847.0
Cur Stat Date	Current Status	Formation(s) Rollins		
Perforation Data				
Stage # 9	Type Perforated	Top Depth (ftKB) 7,994.0	Bottom Depth (ftKB) 8,390.0	Zone Williams Fork, Original Hole - Initial Migration
Stage # 8	Type Perforated	Top Depth (ftKB) 8,427.0	Bottom Depth (ftKB) 8,827.0	Zone Williams Fork, Original Hole - Initial Migration
Stage # 7	Type Perforated	Top Depth (ftKB) 8,869.0	Bottom Depth (ftKB) 9,246.0	Zone Williams Fork, Original Hole - Initial Migration
Stage # 6	Type Perforated	Top Depth (ftKB) 9,342.0	Bottom Depth (ftKB) 9,700.0	Zone Williams Fork, Original Hole - Initial Migration
Stage # 5	Type Perforated	Top Depth (ftKB) 9,782.0	Bottom Depth (ftKB) 10,114.0	Zone Williams Fork, Original Hole - Initial Migration
Stage # 4	Type Perforated	Top Depth (ftKB) 10,141.0	Bottom Depth (ftKB) 10,471.0	Zone Williams Fork, Original Hole - Initial Migration
Stage # 3	Type Perforated	Top Depth (ftKB) 10,490.0	Bottom Depth (ftKB) 10,835.0	Zone Williams Fork, Original Hole - Initial Migration
Stage # 2	Type Perforated	Top Depth (ftKB) 10,887.0	Bottom Depth (ftKB) 11,246.0	Zone Williams Fork, Original Hole - Initial Migration
Stage # 1	Type Perforated	Top Depth (ftKB) 11,317.0	Bottom Depth (ftKB) 11,666.0	Zone Williams Fork, Original Hole - Initial Migration
Other In Hole				
OD (in)	Des	Top (ftKB)	Btm (ftKB)	ID (in) Make Model