

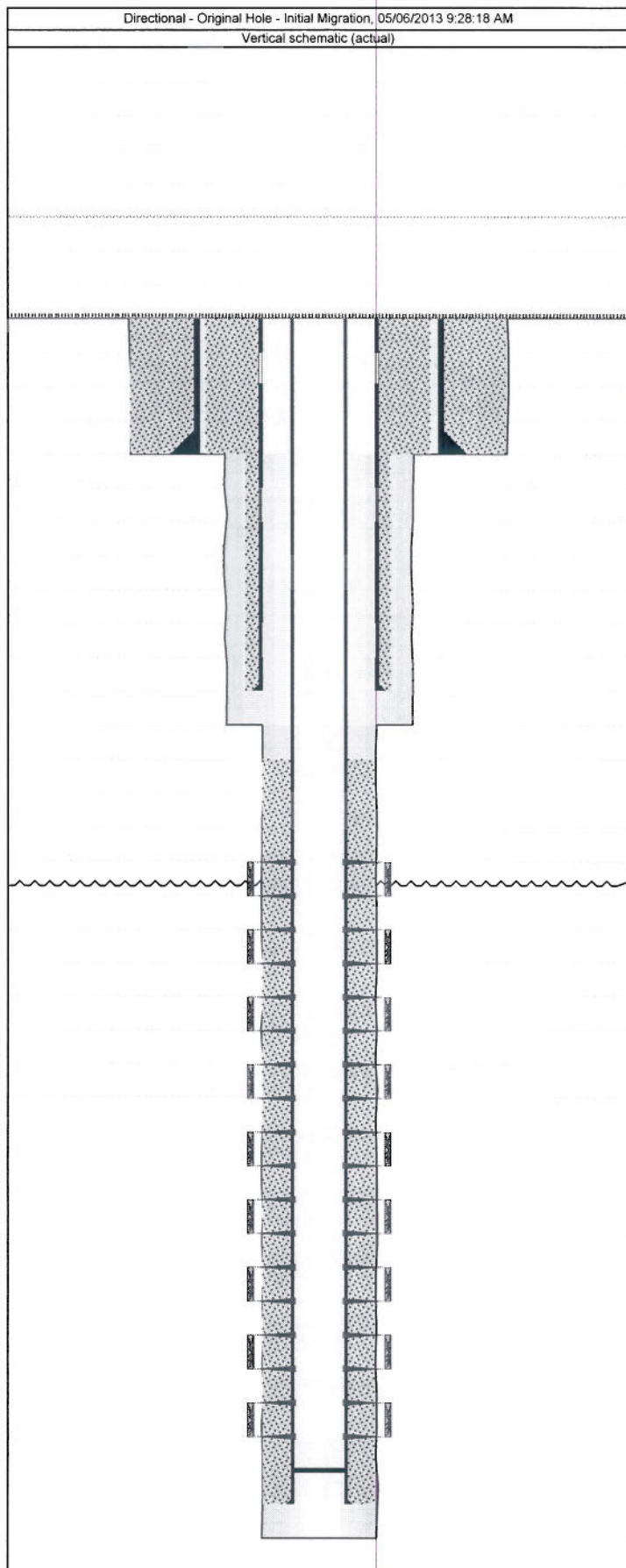
Final Well Report Detailed (graphic)

Well Name: SG 8511C-22 N22 496

API # 05045210430000	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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Directional - Original Hole - Initial Migration, 05/06/2013 9:28:18 AM

Vertical schematic (actual)



Well Header Setup

Well Name SG 8511C-22 N22 496		API # 05045210430000	
Original KB Elevation (ft) 7,607.00	Ground Elevation (ft) 7,585.00	Spud Date 03/02/2012	Final Rig Relea. 04/06/2012
Surface Legal Location		Latitude (decimal) (") 39.68393000	Longitude (decimal) (") -108.15714600

Wellbore Sections Setup

Wellbore Type		Kick Off Depth (ftKB)	VS Dir (°)
Original Hole - Initial Migration			316.84
Section Des	Hole Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Conductor	30	22.0	120.0
Surface	14 3/4	120.0	2,130.0
Production	8 3/4	2,130.0	11,200.0

Plug Back Total Depths

Date 04/29/2012	Depth (ftKB) 11,155.0	Method	Com Wellcore PBTD (TVD): 11085.0000168492
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Casing Data

Casing Description Conductor	Run Date 01/08/2012	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 03/03/2012	Set Depth (ftKB) 2,110.0
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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	40.64
Float Collar	9 5/8			J-55	1.50
Casing Joints	9 5/8	8.921	36.00	J-55	44.02
Casing Joints	9 5/8	8.921	36.00	J-55	82.75
Collar	9 5/8			J-55	1.50
Casing Joints	9 5/8	8.921	36.00	K-55	1,910.05
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 04/05/2012	Set Depth (ftKB) 11,177.0
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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	18.92
Float Collar	4 1/2			P-110	1.50
Casing Joints	4 1/2	4.000	11.60	P-110	1,459.32
Marker Joint	4 1/2	4.000	11.60	P-110	19.98
Casing Joints	4 1/2	4.000	11.60	P-110	2,864.69
Marker Joint	4 1/2	4.000	11.60	P-110	20.73
Casing Joints	4 1/2	4.000	11.60	P-110	6,794.75

Cement Data

Conductor, 120.0ftKB Proposed? No

Description	String	Wellbore	Type
Conductor Cement	Conductor, 120.0ftKB Proposed? No	Original Hole - Initial Migration	Casing

Stg #	Description	Top (ftKB)	Btm (ftKB)	Full Return?
1	Conductor	22.0	120.0	Yes

Sequence	Fluid Des	Amount (sacks)	Class
Lead	19 yd - Redi Mix	133	

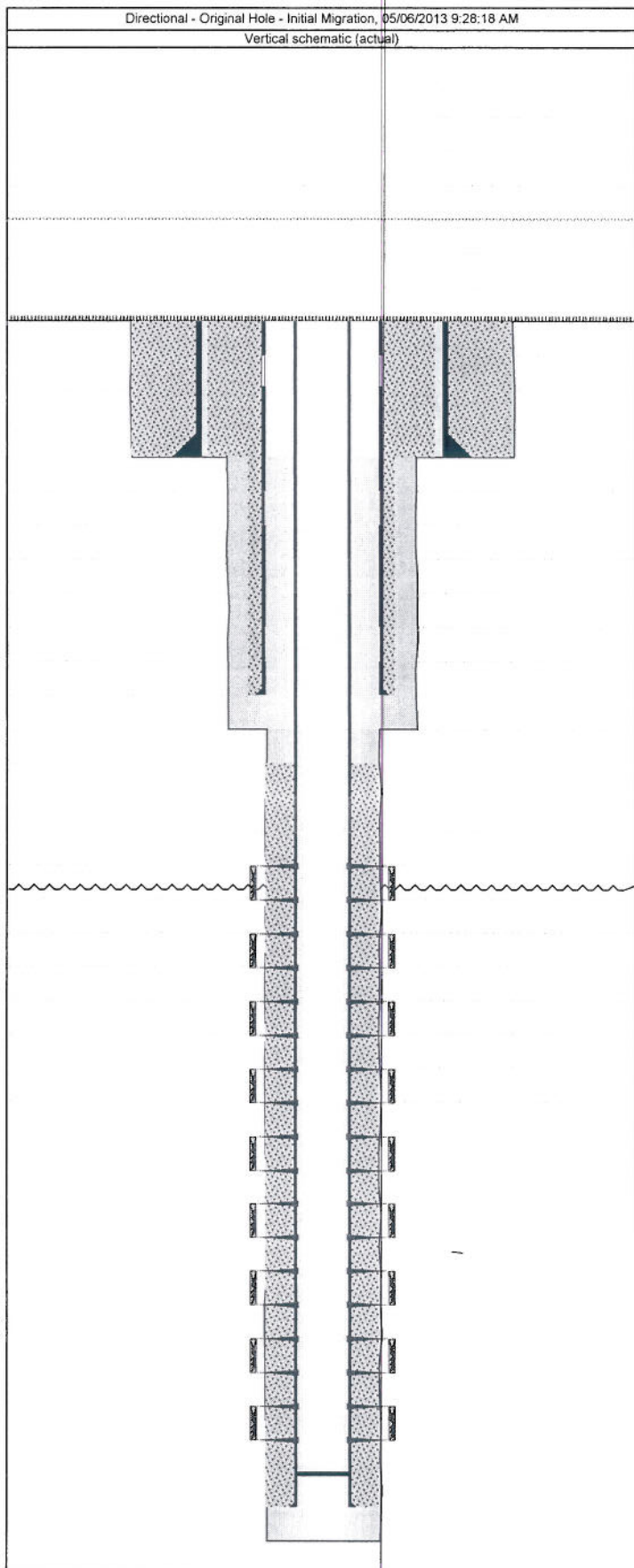
Surface, 2,110.0ftKB Proposed? No

Description	String	Wellbore	Type
Surface Casing Cement	Surface, 2,110.0ftKB Proposed? No	Original Hole - Initial Migration	Casing

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Stg # 1	Description Surface	Top (ftKB) 22.0	Btm (ftKB) 2,110.0	Full Return?		
Sequence		Fluid Des	Amount (sacks)	Class		
Lead		11# LiteFIL	471			
Tail		12.5# LiteFIL	246			
Production, 11,177.0ftKB Proposed? No						
Description Production Casing Cement		String Production, 11,177.0ftKB Proposed? No	Wellbore Original Hole - Initial Migration	Type Casing		
Stg # 1	Description Production	Top (ftKB) 2,564.0	Btm (ftKB) 11,177.0	Full Return? Yes		
Sequence		Fluid Des	Amount (sacks)	Class		
Tail		13ppg Rockies Correct GMS Enc	451			
Fill		11ppg TXI	835			
Lead		12ppg TXI LS	556			
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) 7,295.0	Btm (ftKB) 11,138.0		
Cur Stat Date 04/11/2013	Current Status Producing	Formation(s) Williams Fork				
Zone Name Rollins		Wellbore Original Hole - Initial Migration	Top Depth (ftKB) 11,139.0	Btm (ftKB) 11,200.0		
Cur Stat Date	Current Status	Formation(s) Rollins				
Perforation Data						
Stage # 9	Type Perforated	Top Depth (ftKB) 7,377.0	Bottom Depth (ftKB) 7,792.0	Zone Williams Fork, Original Hole - Initial Migration		
Stage # 8	Type Perforated	Top Depth (ftKB) 7,817.0	Bottom Depth (ftKB) 8,206.0	Zone Williams Fork, Original Hole - Initial Migration		
Stage # 7	Type Perforated	Top Depth (ftKB) 8,227.0	Bottom Depth (ftKB) 8,583.0	Zone Williams Fork, Original Hole - Initial Migration		
Stage # 6	Type Perforated	Top Depth (ftKB) 8,620.0	Bottom Depth (ftKB) 9,019.0	Zone Williams Fork, Original Hole - Initial Migration		
Stage # 5	Type Perforated	Top Depth (ftKB) 9,064.0	Bottom Depth (ftKB) 9,412.0	Zone Williams Fork, Original Hole - Initial Migration		
Stage # 4	Type Perforated	Top Depth (ftKB) 9,444.0	Bottom Depth (ftKB) 9,827.0	Zone Williams Fork, Original Hole - Initial Migration		
Stage # 3	Type Perforated	Top Depth (ftKB) 9,900.0	Bottom Depth (ftKB) 10,245.0	Zone Williams Fork, Original Hole - Initial Migration		
Stage # 2	Type Perforated	Top Depth (ftKB) 10,277.0	Bottom Depth (ftKB) 10,635.0	Zone Williams Fork, Original Hole - Initial Migration		
Stage # 1	Type Perforated	Top Depth (ftKB) 10,669.0	Bottom Depth (ftKB) 11,051.0	Zone Williams Fork, Original Hole - Initial Migration		
Other In Hole						
OD (in)	Des	Top (ftKB)	Btm (ftKB)	ID (in)	Make	Model