



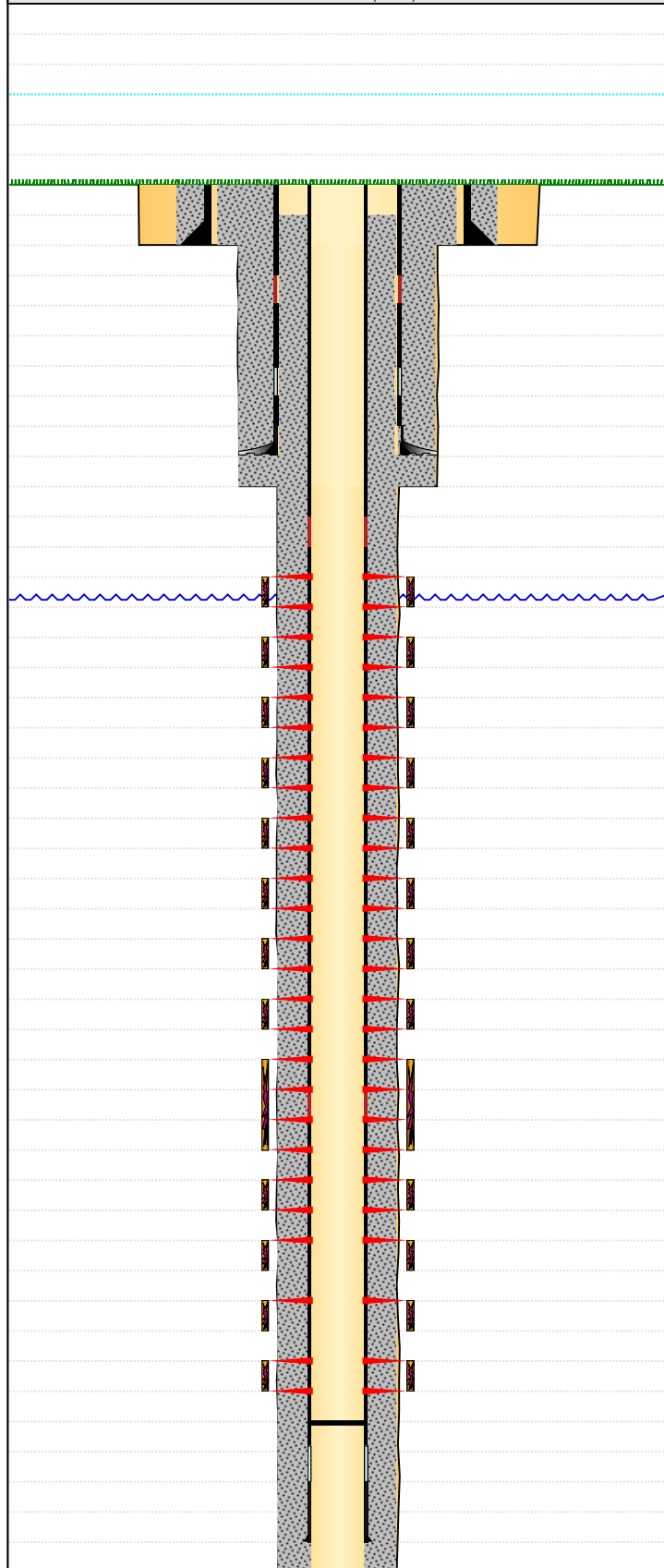
Final Well Report Detailed (graphic)

Well Name: SG 8515E-25 D36 496

API #	Well Type	Business Unit	SBU	Area	Pad	State	County/Parish
05045209230000	Gas	Southern Rockies	North Piceance	Story Gulch	D36 496	CO	GARFIELD

Directional - Original Hole - Initial Migration, 05/29/2013 3:53:03 PM

Vertical schematic (actual)



Well Header Setup

Well Name		API #	
SG 8515E-25 D36 496		05045209230000	
Original KB Elevation (ft)	Ground Elevation (ft)	Spud Date	Final Rig Relea...
8,320.00	8,290.00	09/16/2012	11/04/2012
Surface Legal Location		Latitude (decimal) (°)	Longitude (decimal) (°)
		39.66523300	-108.12268300

Wellbore Sections Setup

Wellbore Type		Kick Off Depth (ftKB)	VS Dir (°)	
Original Hole - Initial Migration			75.84	
Section Des	Hole Size (in)	Act Top (ftKB)	Act Btm (ftKB)	
Conductor	30	30.0	120.0	
Surface	14 3/4	120.0	3,055.0	
Production	8 3/4	3,055.0	12,515.0	

Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
04/25/2013	12,461.0	Wireline	

Casing Data

Conductor

Casing Description			Run Date		Set Depth (ftKB)	
Conductor			01/06/2012		120.0	
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	
Casing Joints	20		52.78	A53B	120.00	

Surface

Casing Description			Run Date	Set Depth (ftKB)	
Surface			09/18/2012	3,035.0	
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	9 5/8	8.921	36.00	J-55	28.75
Casing Joints	9 5/8				5.00
Casing Joints	9 5/8	8.921	36.00	K-55	2,834.86
Collar	9 5/8				1.40
Casing Joints	9 5/8	8.921	36.00	J-55	84.15
Casing Joints	9 5/8	8.921	36.00	J-55	41.66
Float Collar	9 5/8			J-55	1.50
Casing Joints	9 5/8	8.921	36.00	J-55	42.07
Float Shoe	9 5/8			J-55	1.50

Production

Casing Description			Run Date		Set Depth (ftKB)
Production			11/03/2012		12,486.0
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	4 1/2	4.000	11.60	P-110	7,923.00
Marker Joint	4 1/2	4.000	11.60	P110	21.66
Casing Joints	4 1/2	4.000	11.60	P-110	3,026.58
Marker Joint	4 1/2	4.000	11.60	P110	21.79
Casing Joints	4 1/2	4.000	11.60	P-110	1,473.22
Float Collar	4 1/2	4.000		P110	1.50
Shoe Joint	4 1/2	4.000	11.60	P110	21.50
Float Shoe	4 1/2	4.000		P110	1.50

Cement Data

Conductor, 120.0ftKB Proposed? No

Description Conductor Cement		String Conductor, 120.0ftKB Proposed? No	Wellbore Original Hole - Initial Migration	Type Casing	
Stg # 1	Description Conductor Cement	Top (ftKB) 30.0	Btm (ftKB) 120.0	Full Return?	
Sequence		Fluid Des		Amount (sacks)	Class
Lead				170	A

Surface, 3,035.0ftKB Proposed? No

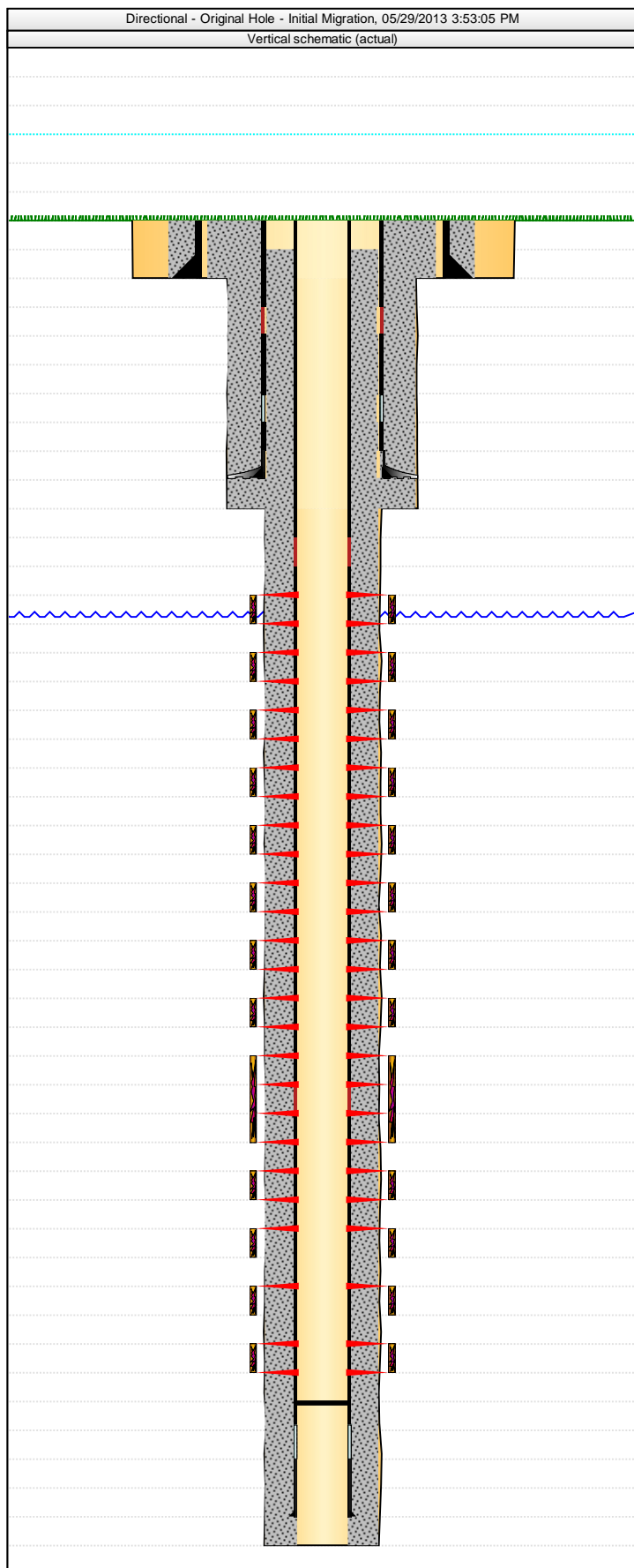
Description	String	Wellbore	Type
Surface Casing Cement	Surface, 3,035.0ftKB Proposed? No	Original Hole - Initial Migration	Casing



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Stg #	Description	Top (ftKB)	Btm (ftKB)	Full Return?
1	Surface Csg Cmt	30.0	3,055.0	
Sequence		Fluid Des		Amount (sacks)
Fill		50 bbls Mud Push II		
Fill		30 bbls Zone Lock w/ 20 bbls S001		
Fill		Pressure NET 80 bbls.		
Lead		9.0# LiteCrete w/ 50.5% SVF		1,136

Production, 12,486.0ftKB Proposed? <proposedrun>			
Description	String	Wellbore	Type
Production Casing Cement	Production, 12,486.0ftKB Proposed? <proposedrun>	Original Hole - Initial Migration	Casing

Stg #	Description	Top (ftKB)	Btm (ftKB)	Full Return?
1	Production Casing Cement	80.0	12,515.0	No
Sequence		Fluid Des		Amount (sacks)
Spacer		Mud Push II		0
Lead		908 Sacks Of 11.0 PPf Lead 443 bbls		908
Lead		12.0# TXI Lead (639 sacks, 75 lb per sack of Blend)		640
Tail		13.0# TXI Tail (617 sacks, 75 lb per sack of Blend)		616

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	Wellbore	Top Depth (ftKB)	Btm (ftKB)
Williams Fork	Original Hole - Initial Migration	8,441.0	12,369.9
Cur Stat Date	Current Status	Formation(s)	
04/23/2013	Producing	Williams Fork	
Zone Name	Wellbore	Top Depth (ftKB)	Btm (ftKB)
Rollins	Original Hole - Initial Migration	12,370.0	12,515.0
Cur Stat Date	Current Status	Formation(s)	
		Rollins	

Perforation Data				
Stage #	Type	Top Depth (ftKB)	Bottom Depth (ftKB)	Zone
13	Perforated	8,449.0	8,745.0	Williams Fork, Original Hole - Initial Migration
12	Perforated	8,771.0	9,042.0	Williams Fork, Original Hole - Initial Migration
11	Perforated	9,059.0	9,346.0	Williams Fork, Original Hole - Initial Migration
10	Perforated	9,359.0	9,634.0	Williams Fork, Original Hole - Initial Migration
9	Perforated	9,673.0	9,948.0	Williams Fork, Original Hole - Initial Migration
8	Perforated	9,954.0	10,246.0	Williams Fork, Original Hole - Initial Migration



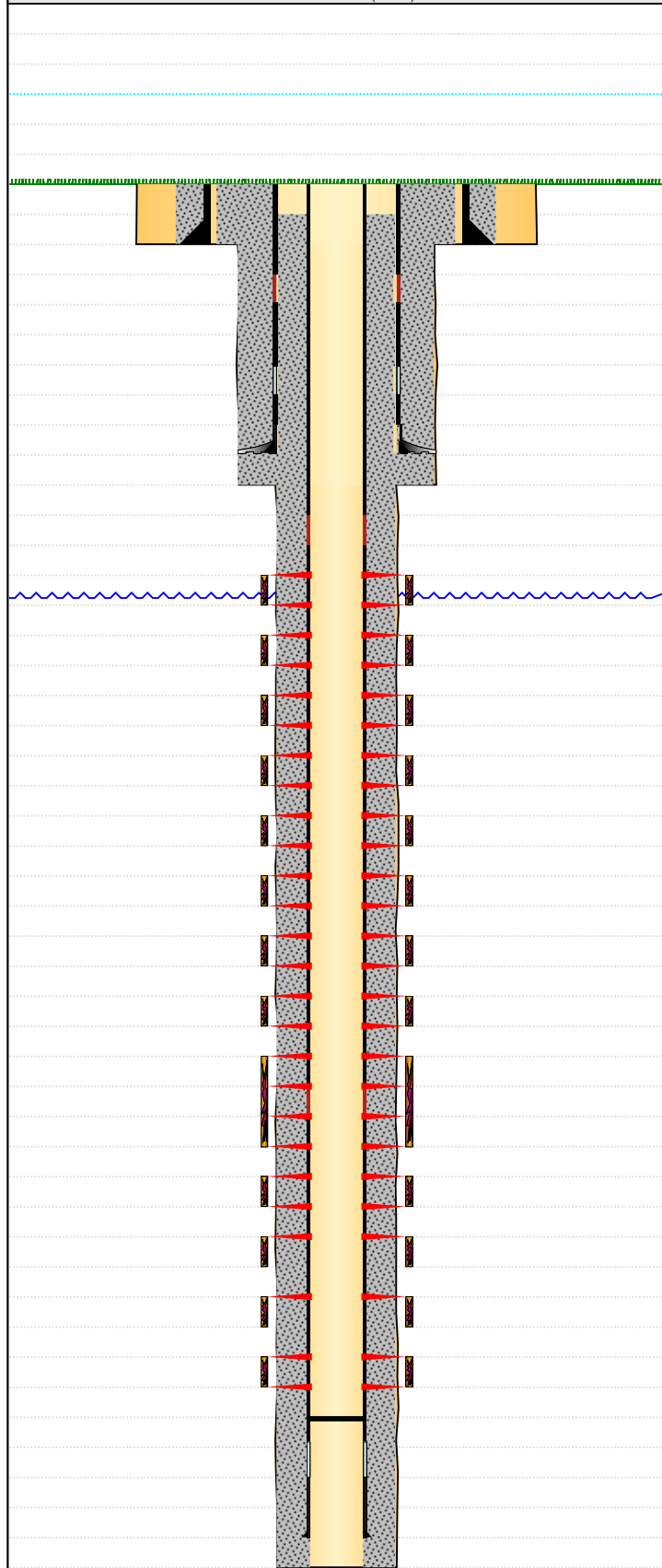
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Directional - Original Hole - Initial Migration, 05/29/2013 3:53:05 PM

Vertical schematic (actual)



Perforation Data

Stage #	Type	Top Depth (ftKB)	Bottom Depth (ftKB)	Zone
7	Perforated	10,260.0	10,549.0	Williams Fork, Original Hole - Initial Migration
6	Perforated	10,574.0	10,835.0	Williams Fork, Original Hole - Initial Migration
5	Perforated	10,851.0	11,137.0	Williams Fork, Original Hole - Initial Migration
4	Perforated	11,171.0	11,449.0	Williams Fork, Original Hole - Initial Migration
3	Perforated	11,458.0	11,458.0	Williams Fork, Original Hole - Initial Migration
2	Perforated	11,768.0	11,768.0	Williams Fork, Original Hole - Initial Migration
1	Perforated	12,020.0	12,264.0	Williams Fork, Original Hole - Initial Migration

Other In Hole

OD (in)	Des	Top (ftKB)	Btm (ftKB)	ID (in)	Make	Model

Wellhead Description

Install Date	Type	Make	Size (in)	WP (psi)	
Make	Model	Section	Top Sz (in)	Btm Sz (in)	WP (psi)

Schematic Annotations

Depth (ftKB)	Annotation

General Notes

Date	Com