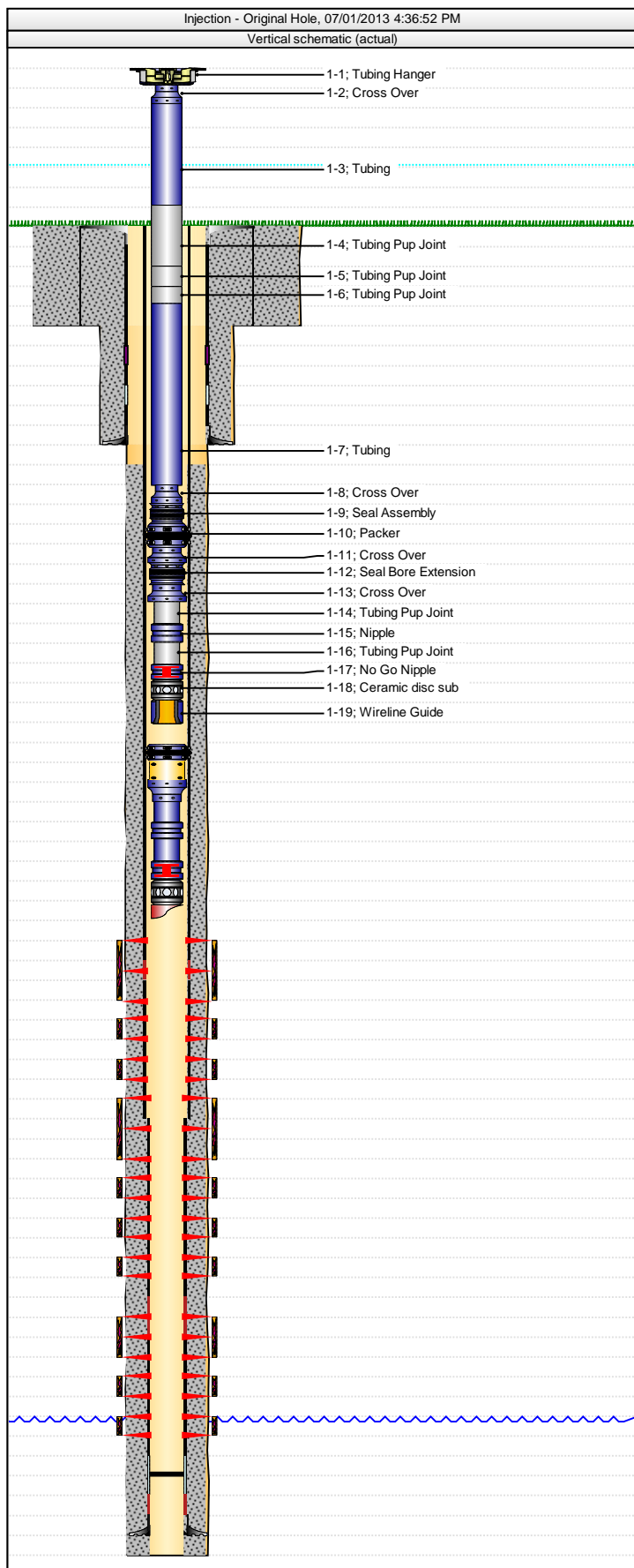




# Final Well Report Detailed (graphic)

Well Name: SG WD01D-30 N30 495

API # 05045218570000	Well Type Water Injection	Business Unit Southern Rockies	SBU North Piceance	Area Story Gulch	Pad N30 495	State CO	County/Parish Garfield
-------------------------	------------------------------	-----------------------------------	-----------------------	---------------------	----------------	-------------	---------------------------



Well Header Setup			
Well Name SG WD01D-30 N30 495		API # 05045218570000	
Original KB Elevation (ft) 8,329.50	Ground Elevation (ft) 8,307.50	Spud Date 04/01/2013	Final Rig Relea... 04/10/2013
Surface Legal Location		Latitude (decimal) (°) 39.67013200	Longitude (decimal) (°) -108.10011900

Wellbore Sections Setup			
Wellbore Type Original Hole		Kick Off Depth (ftKB)	VS Dir (°)
Section Des	Hole Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Conductor	30	22.0	118.0
Surface	14 3/4	118.0	3,022.0
Production	8 3/4	3,022.0	9,844.0

Plug Back Total Depths			
Date	Depth (ftKB)	Method	Com
05/05/2013	9,791.0	Wireline	

Casing Data					
Conductor					
Casing Description Conductor			Run Date 02/04/2013	Set Depth (ftKB) 118.0	
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	20	19.750	52.78	A53B	120.00

Surface					
Casing Description Surface			Run Date 04/03/2013	Set Depth (ftKB) 3,022.0	
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Landing Joint	9 5/8	8.921	36.00	J-55	20.00
Wellhead	9 5/8	8.921	36.00	J-55	5.00
Pup Jt	9 5/8	8.921	36.00	J-55	0.00
Casing Joints	9 5/8	8.921	36.00	J-55	2,771.74
Air Collar	9 5/8	8.921	36.00	J-55	1.40
Casing Joints	9 5/8	8.921	36.00	J-55	176.32
Float Collar	9 5/8	8.921	36.00	J-55	1.50
Casing Joint	9 5/8	8.921	36.00	J-55	44.05
Float Shoe	9 5/8	8.921	36.00	J-55	1.50

Production					
Casing Description Production			Run Date 04/09/2013	Set Depth (ftKB) 9,818.0	
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	5 1/2	4.778	20.00	P-110	7,156.30
Marker joint	5 1/2	4.778	20.00	P-110	20.43
Casing Joints	5 1/2	4.778	20.00	P-110	786.69
Cross Over	4 1/2	3.920	13.50	P-110	1.50
Casing Joints	4 1/2	3.920	13.50	P-110	838.69
Marker Joint	4 1/2	3.920	13.50	P-110	21.72
Casing Joints	4 1/2	3.920	13.50	P-110	968.73
Float Collar	4 1/2	3.920	13.50	P-110	1.50
Shoe Joint	4 1/2	3.920	13.50	P-110	21.93
Float Shoe	4 1/2	3.920	13.50	P-110	4.00

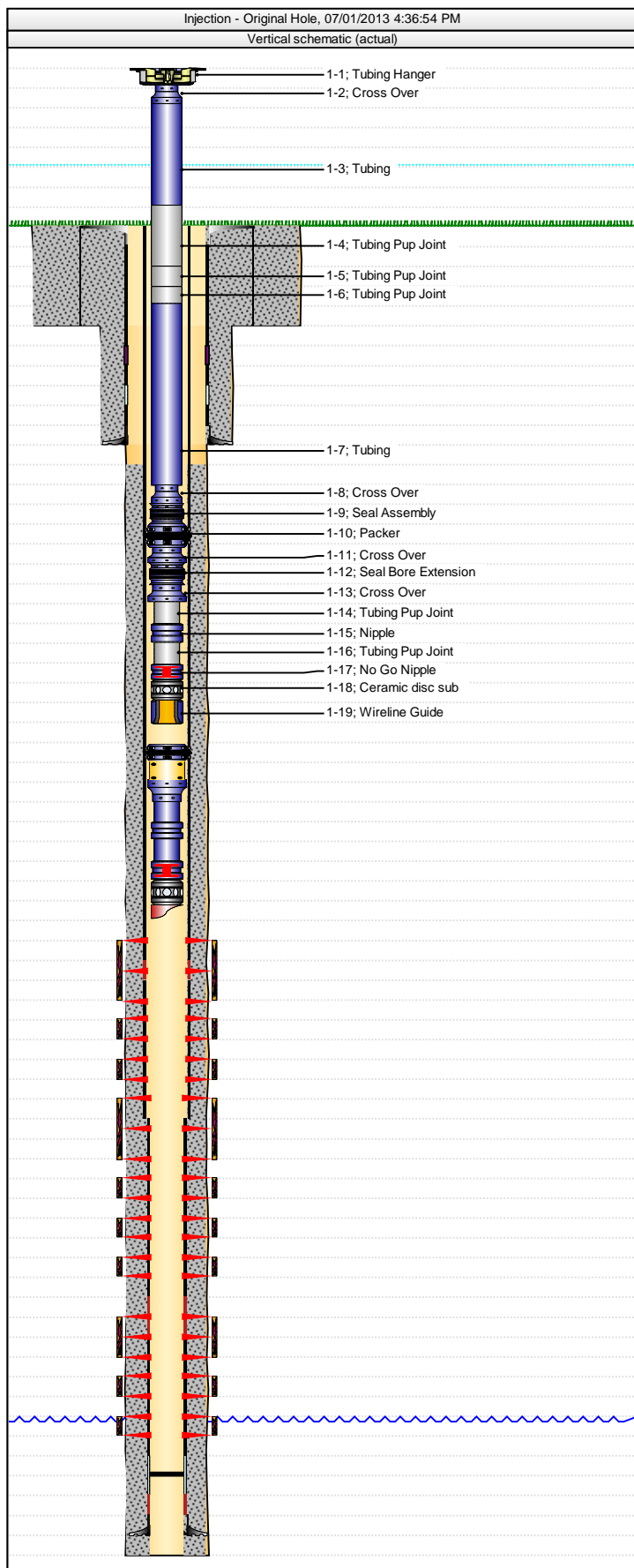
Cement Data				
Conductor, 118.0ftKB Proposed? <proposedrun>				
Description Conductor Cement	String Conductor, 118.0ftKB Proposed? <proposedrun>	Wellbore Original Hole	Type Casing	
Stg # 1	Description Conductor Cement	Top (ftKB) 22.0	Btm (ftKB) 118.0	Full Return?
Sequence		Fluid Des	Amount (sacks)	Class
Lead			120	A



# Final Well Report Detailed (graphic)

Well Name: SG WD01D-30 N30 495

API #	Well Type	Business Unit	SBU	Area	Pad	State	County/Parish
05045218570000	Water Injection	Southern Rockies	North Piceance	Story Gulch	N30 495	CO	Garfield



## Cement Data

### Surface, 3,022.0ftKB Proposed? <proposedrun>

Description		String	Wellbore	Type
Surface Casing Cement		Surface, 3,022.0ftKB Proposed? <proposedrun>	Original Hole	Casing
Stg #	Description	Top (ftKB)	Btm (ftKB)	Full Return?
1	Surface Casing Cement	22.0	3,022.0	Yes
Sequence		Fluid Des	Amount (sacks)	Class
Preflush		PressureNET		D
Preflush		S001 Solution		D
Preflush		ZONELOCK SC		D
Preflush		MudPush II		D
Lead		9# LiteCRETE	716	D
Tail		10# LiteFIL	373	D

### Production, 9,818.0ftKB Proposed? <proposedrun>

Description		String	Wellbore		Type
Production Casing Cement		Production, 9,818.0ftKB Proposed? <proposedrun>	Original Hole		Casing
Stg #	Description	Top (ftKB)	Btm (ftKB)	Full Return?	
1	Production Casing Cement	4,250.0	9,844.0	No	
Sequence		Fluid Des		Amount (sacks)	Class
Spacer		Mud Spacer			
Lead		Cement		731	G
Tail		Cement		866	G
Displacement		Water			

## Tubing Data

Tubing Description		Tubing Set Date		Set Depth (ftKB)
Tubing - Production		06/17/2013		6,922.0
Item Des	OD (in)	ID (in)	Len (ft)	
Tubing Hanger	7 1/16	2.992	1.00	
Cross Over	3 1/2	2.992	1.00	
Tubing	3 1/2	2.992	32.87	
Tubing Pup Joint	3 1/2	2.992	9.60	
Tubing Pup Joint	3 1/2	2.992	7.60	
Tubing Pup Joint	3 1/2	2.992	1.72	
Tubing	3 1/2	2.992	6,846.00	
Cross Over	3.55	2.419	1.00	
Seal Assembly	3 7/8	2.375	5.45	
Packer	4 7/16	3.000	1.52	
Cross Over	4 7/16	3.000	0.57	
Seal Bore Extension	4 1/16	3.000	4.60	
Cross Over	4 7/16	3.000	0.56	
Tubing Pup Joint	2 7/8	2.441	9.60	
Nipple	3 11/16	2.310	1.00	
Tubing Pup Joint	2 7/8	2.441	9.60	
No Go Nipple	3 11/16	2.205	1.00	
Ceramic disc sub	3 5/8	2.441	0.78	
Wireline Guide	3 5/8	2.441	0.45	

## Rod Data

Rod Description	Run Date	Set Depth (ftKB)
Item Des	OD (in)	Len (ft)

## Zones

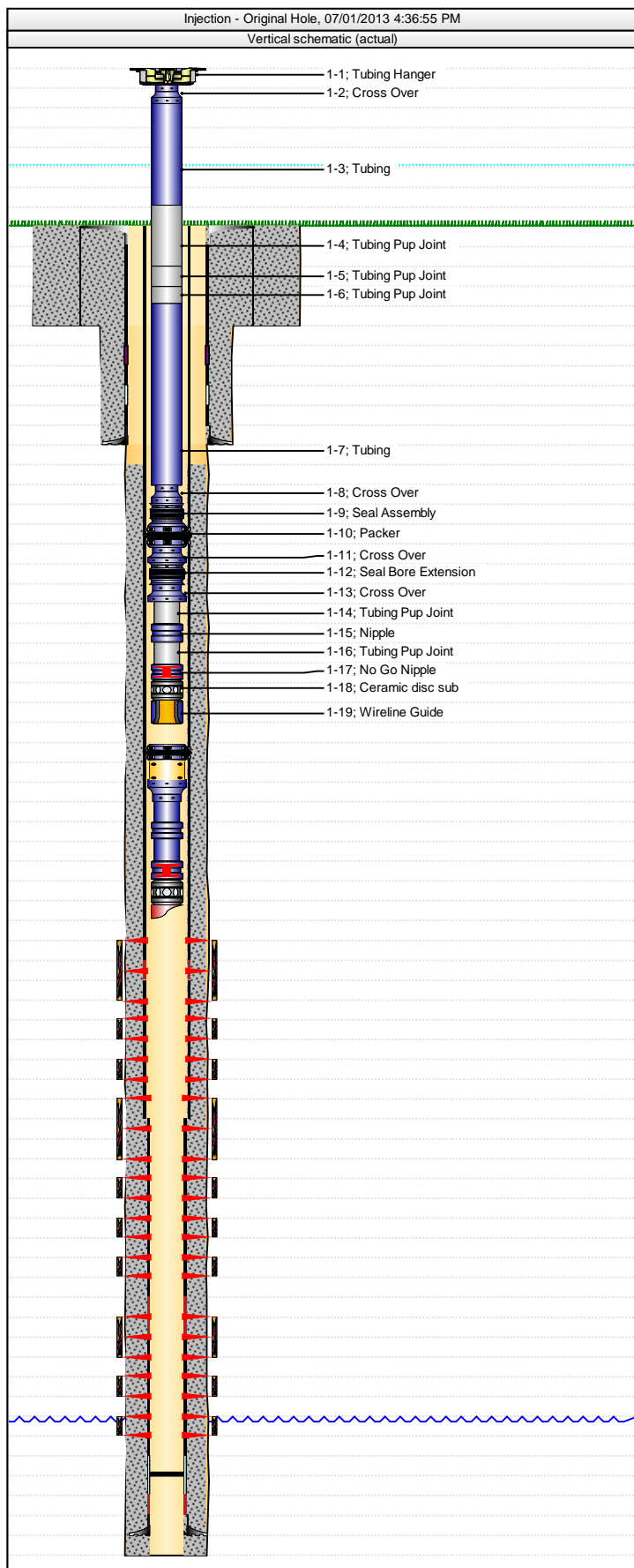
Zone Name	Wellbore	Top Depth (ftKB)	Btm (ftKB)
Wasatch	Original Hole	3,907.0	9,844.0
Cur Stat Date	Current Status	Formation(s) Wasatch	



# Final Well Report Detailed (graphic)

Well Name: SG WD01D-30 N30 495

API #	Well Type	Business Unit	SBU	Area	Pad	State	County/Parish
05045218570000	Water Injection	Southern Rockies	North Piceance	Story Gulch	N30 495	CO	Garfield



Perforation Data				
Stage #	Type	Top Depth (ftKB)	Bottom Depth (ftKB)	Zone
10	Perforated	6,960.0	7,195.0	Wasatch, Original Hole
9	Perforated	7,253.0	7,461.0	Wasatch, Original Hole
8	Perforated	7,508.0	7,790.0	Wasatch, Original Hole
7	Perforated	7,821.0	8,033.0	Wasatch, Original Hole
6	Perforated	8,049.0	8,291.0	Wasatch, Original Hole
5	Perforated	8,311.0	8,534.0	Wasatch, Original Hole
4	Perforated	8,559.0	8,795.0	Wasatch, Original Hole
3	Perforated	8,814.0	9,057.0	Wasatch, Original Hole
2	Perforated	9,087.0	9,345.0	Wasatch, Original Hole
1	Perforated	9,374.0	9,634.0	Wasatch, Original Hole

Other In Hole						
OD (in)	Des	Top (ftKB)	Btm (ftKB)	ID (in)	Make	Model
4 7/16	Packer	6,924.0	6,926.1	3.000		
4 7/16	Cross Over	6,930.7	6,931.3	3.000		
4 1/16	Mill out extention	6,926.1	6,930.7	3.000		
2 7/8	Pup Joint	6,931.3	6,940.9	2.441		
3 11/16	X Nipple	6,940.9	6,941.9	2.313		
3 11/16	XN Nipple	6,951.5	6,952.5	2.313		
3 5/8	Burst Disk	6,952.5	6,953.2	2.441		
2 7/8	Pup Joint	6,941.9	6,951.5	2.441		
3 5/8	Mule Shoe	6,953.2	6,953.7	2.441		

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

Schematic Annotations	
Depth (ftKB)	Annotation

General Notes	
Date	Com