

CARRIZO OIL & GAS INC - EBUS

Vawter 1-11-41-8-61

EXTREME/19

Post Job Summary **Cement Surface Casing**

Date Prepared: 12/29/2011
Version: 1

Service Supervisor: FANTASIA, JOSEPH

Submitted by: PLIENESS, RYAN

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Wellbore Geometry

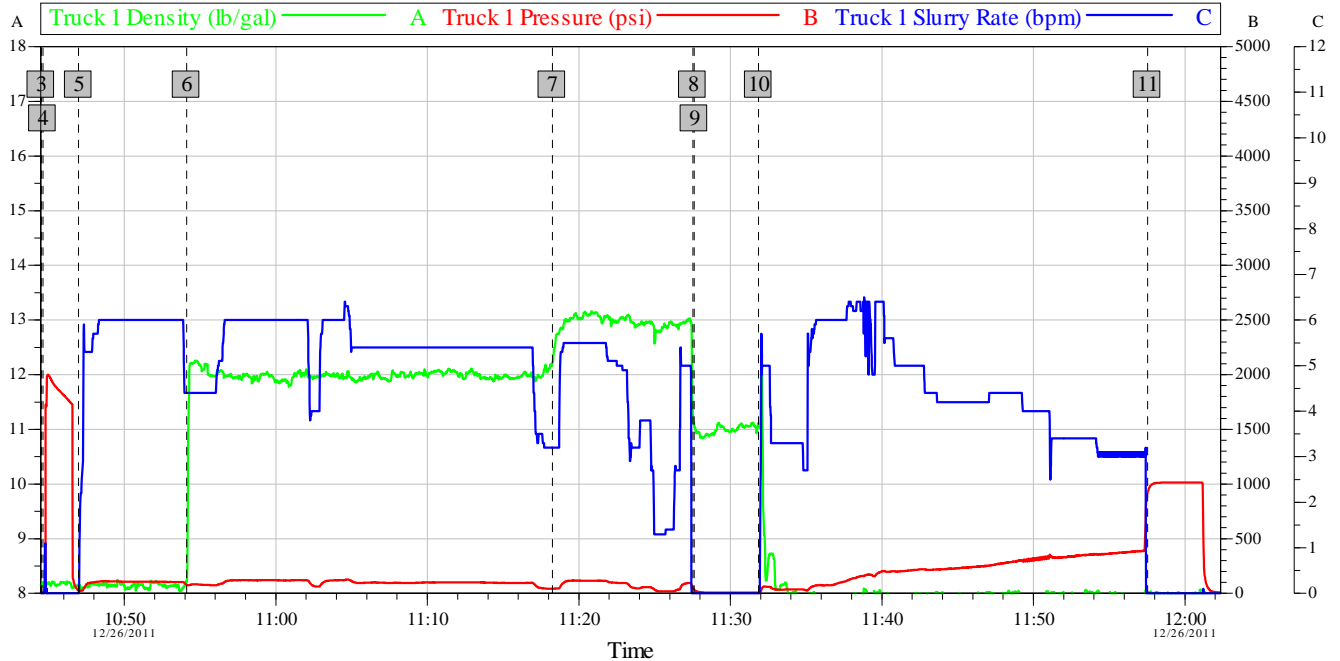
Job Tubulars					MD		TVD		Excess	Shoe Joint Length
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	Top ft	Bottom ft	%	ft
Open Hole Section	Open Hole		12.250		0.00	1,458.00			0.00	
Casing	Surface Casing	9.63	8.921	36.00	0.00	1,419.00			100.00	45.00

Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Water Spacer	8.33	5.00	40.0 bbl	40.0 bbl
1	2	Cement Slurry	Swiftcem B2 12#	12.00		305.0 sacks	305.0 sacks
1	3	Cement Slurry	SWIFTCEM B2 13#	13.00		100.0 sacks	100.0 sacks
1	4	Cement Slurry	Premium G 15.8 Top Out	15.80			100.0 sacks
1	5	Spacer	Water Displacement	8.33	5.00	75.0 bbl	75.0 bbl

Data Acquisition

CARRIZO VAWTER 1-11-41-8-61 SURFACE



Global Event Log

1 Starting Job	08:59:04	2 Start Job	10:16:35	3 Start Job	10:44:32
4 Test Lines	10:44:38	5 Pump Spacer 1	10:46:59	6 Pump Lead Cement	10:54:07
7 Pump Tail Cement	11:18:15	8 Shutdown	11:27:32	9 Drop Top Plug	11:27:37
10 Pump Displacement	11:31:52	11 Bump Plug	11:57:32	12 Ending Job	12:09:07

Customer: CARRIZO
Well Description: 9 5/8 SURFACE

Job Date: 26-Dec-2011
UWI: 05-123-34768

Sales Order #: 9161050

OptiCem v6.4.10
26-Dec-11 12:10

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Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
12/26/2011 08:00		Arrive at Location from Service Center						
12/26/2011 08:30		Assessment Of Location Safety Meeting						
12/26/2011 10:44		Test Lines						TEST LINES TO 2000 PSI
12/26/2011 10:46		Pump Spacer 1	6	40			96.0	40 BBLS WATER SPACER USING RIG WATER
12/26/2011 10:54		Pump Lead Cement	6	135			120.0	305 SKS SWIFTCEM MIXED AT 12 PPG USING RIG WATER
12/26/2011 11:18		Pump Tail Cement	6	35			126.0	100 SKS SWIFTCEM MIXED AT 13 PPG USING RIG WATER
12/26/2011 11:27		Shutdown						
12/26/2011 11:27		Drop Top Plug						PLUG PRELOADED
12/26/2011 11:31		Pump Displacement	6	107			120.0	GOOD RETURNS THROUGHOUT JOB. CEMENT TO SURFACE AT 50 BBLS INTO DISPLACEMENT. 57 BBLS CEMENT TO SURFACE.
12/26/2011 11:57		Bump Plug	3				390.0	HELD AT 500 PSI OVER LAND PRESSURE FOR 3 MINUTES.
12/26/2011 12:00		Check Floats						FLOATS HELD
12/26/2011 12:01		End Job						

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The Road to Excellence Starts with Safety

Sold To #:		Ship To #:		Quote #:		Sales Order #: 9161050	
Customer: CARRIZO OIL & GAS INC - EBUS				Customer Rep:			
Well Name: Vawter			Well #: 1-11-41-8-61			API/UWI #: 05-123-34768	
Field:		City (SAP):		County/Parish: Weld			State: Colorado
Contractor: EXTREME			Rig/Platform Name/Num: 19				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: FLING, MATTHEW			Srvc Supervisor: FANTASIA, JOSEPH			MBU ID Emp #: 485445	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BULINSKI, MATTHEW J		483865	FANTASIA, JOSEPH Brandon		485445	HELMICK, MATTHEW James		507553
PAUMEN, CORD Anthony		453759	ROMERO, JOE		512137			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10246780C	85 mile	10679720C	85 mile	10754575C	85 mile	11142998	85 mile
11362287C	85 mile	11562570C	85 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL			Total is the sum of each column separately					

Job

Formation Name				Job Times			
Formation Depth (MD)	Top	Bottom		Called Out	Date	Time	Time Zone
Form Type		BHST		On Location	26 - Dec - 2011	04:00	MST
Job depth MD	1419. ft	Job Depth TVD	1419. ft	Job Started	26 - Dec - 2011	08:00	MST
Water Depth		Wk Ht Above Floor		Job Completed	26 - Dec - 2011	10:30	MST
Perforation Depth (MD)	From	To		Job Completed	26 - Dec - 2011	12:00	MST
				Departed Loc	26 - Dec - 2011	13:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Open Hole				12.25				.	1458.		
Surface Casing	Unknown		9.625	8.921	36.		N-80	.	1419.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1

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Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Spacer		40.00	bbl	8.33	.0	.0	5.0	
2	Swiftcem B2 12#	SWIFTCEM (TM) SYSTEM (452990)	305.0	sacks	12.	2.47	14.56		14.56
	14.56 Gal	FRESH WATER							
3	SWIFTCEM B2 13#	SWIFTCEM (TM) SYSTEM (452990)	100.0	sacks	13.	1.94	10.61		10.61
	10.61 Gal	FRESH WATER							
4	Premium G 15.8 Top Out	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)		sacks	15.8	1.15	5.0		5.0
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	5 Gal	FRESH WATER							
5	Water Displacement		75.00	bbl	8.33	.0	.0	5.0	
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	45 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					