

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML		DATE 28-AUG-13		F.R. # 10011010084		SERV. SUPV. RYAN SULLIVAN		
LEASE & WELL NAME BAILEY #6-26-8-60 - API 05123378120000		LOCATION 26-8N-60W		COUNTY-PARISH-BLOCK Weld Colorado				
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme 17		TYPE OF JOB Surface				
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD TVD	
Cement Plug, Rubber, Top 9-5/8 in	Centralizer, with Pins, 9-5/8 in							
	Float Collar, Pop Valve, 9-5/8 - 8rd							
	Float Shoe 9-5/8 - 8rd							
	Cement Basket, Slip On, 9-5/8 in							
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES				
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	
Fresh Water + 2 lbs Red Dye		N/A		0	8.34	0	00:00	
Type III Cmt + adds				187	14.5	1.42	02:00	
Premium Lite Cmt + adds				397	13	1.83	03:00	
Fresh Water		N/A		0	8.34	0	00:00	
Type III Neat				100	14.8	1.33	23.61	
Fresh water		N/A		0	8.34	0	00:00	
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		328.98	133.18	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD
12.25	100	1473	8.921	9.625	36	CSG	1458	1458
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP
15.	16	65	CSG	70	70	No packer	0	0
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI	MAX CSG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator
109.1	BBLS	Fresh Water	8.34	365	0	0	0	0
Circulation Prior to Job								
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: .5		Circulation Rate: 4 BPM		
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL				PV & YP Mud In: 0		PV & YP Mud Out: 0		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				
Displacement And Mud Removal								
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: .5 BBLS				
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: Visual				
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE								
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 14		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID		
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD								
Plugs								
Number of Attempts by BJ: 0 Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:				
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT		Bottom of Plug: 0 FT		
Squeezes (Update Original Treatment Report for Primary Job)								
BLOCK SQUEEZE <input type="checkbox"/> SHOE SQUEEZE <input type="checkbox"/> TOP OF LINER SQUEEZE <input type="checkbox"/> PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>								
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied: 0 Fluid Weight: 0 LBS/GAL		
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None								

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 1100 PSI With 8.34 LBS/GAL Mud Time Held: 00 Hours 15 Minutes

Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 None

PRESSURE/RATE DETAIL

EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>		
	PIPE	ANNULUS				TEST LINES 3130 PSI		
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
00:45	0	0	0	0	N/A	Leave yard		
01:50	0	0	0	0	N/A	Arrive on location, 80 miles, rig starting to run casing		
05:30	0	0	0	0	N/A	Spot trucks		
05:40	0	0	0	0	N/A	Pre rig up safety meeting		
06:50	0	0	0	0	N/A	Pre job safety meeting		
07:15	25	0	1.5	2	H2O	Load lines		
07:18	1451	0	0	0	H2O	Low pressure test		
07:21	3130	0	0	0	H2O	High pressure test		
07:28	225	0	5	10	H2O	Fresh water spacer		
07:32	225	0	5	10	H2O	Fresh water spacer + dye		
07:36	300	0	5	124	CEMENT	Batch, weigh, and pump lead slurry 397sx of Premium Lite Cmt + adds @ 13 ppg		
08:12	175	0	3.5	43	CEMENT	Batch, weigh, and pump tail slurry 187 sx of Type III Cmt + adds @14.5 #		
08:32	0	0	0	0	N/A	Release plug		
08:33	250	0	5	40	H2O	Displace		
08:43	325	0	3.7	30	H2O	Drop rate		
08:52	475	0	2.5	35	H2O	Drop rate		
09:07	375	0	0	0	H2O	Shut down to stage cement		
09:17	525	0	2	4	H2O	Finish displacement		
09:20	1120	0	2	109	H2O	Bump plug to 1120 psi, 51 bbls cement to surface		
09:20	1120	0	0	0	H2O	Start casing test		
09:35	0	0	0	0	H2O	End casing test, floats held		
10:20	0	0	0	0	N/A	Checked cement top, no top-out required		
10:30	0	0	0	0	N/A	Pre rig down safety meeting		
11:30	0	0	0	0	N/A	Leave location		

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1120	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	51	296	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



CEMENTING LABORATORY REPORT

Lab Report #C08-096-13

COMPANY :	Carrizo Oil & Gas Inc	DATE:	August 27, 2013
WELL NAME:	Bailey 6-26-8-60	LOCATION:	Weld County, Colorado
DISTRICT:	Brighton	TYPE JOB:	Surface
API #	05-123-37812-0000	TOC(md):	
DEPTH MD(ft):	1,465 ft	BHST(°F):	109 °F
CASING SIZE("):	9 5/8 in	BHCT(°F):	85 °F
TUBING SIZE("):		BHSqT(°F):	94 °F
HOLE SIZE("):	12 1/4 in	TOL (°F):	Static Circ

SLURRY DESIGN DATA

#1	Lead Slurry: Premium Lite Cement + 6% Bentontite + 3% Calcium Chloride + 3% Sodium Chloride + 2.0 pps Kol-Seal + 0.08% Static Free + 0.5 pps Cello Flake
#2	Tail Slurry: Type III Cement + 2.0 pps Kol-Seal + 1.5% Calcium Chloride + 0.08 pps Static Free + 0.5 pps Cello Flake
#3	Type III Cement

SLURRY PROPERTIES			#1	#2	#3
Density : ppg			13.00	14.50	14.80
Yield :cu.ft./sk.			1.83	1.40	1.33
Mixing Water: gal/sk.			9.36	6.81	6.33
Water Type:			Fresh	Fresh	Fresh
Testing Temperature :			85 °F	85 °F	85 °F
Thickening Time: hrs:mins.			4:13	2:27	3:02
Free Water: mls.					
Fluid Loss:ml/30min					
Compressive Strength:					
			hrs.		
			hrs.		
Rheologies			RPM		
			300		
			200		
			100		
			6		
			3		
			600		
			PV		
			YP		
Gel Strength : #/100sq.ft.			10 sec.		
			10 min.		

REMARKS :	
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