

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML				DATE 06-SEP-13		F.R. # 10011012104				SERV. SUPV. JASON L SJOBERG				
LEASE & WELL NAME BAILEY #5-26-8-60 - API 05123373720000				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		Float Collar, Auto Fill, 9-5/8 - 8rd												
		Guide Shoe, Cement Nose, 9-5/8 i												
		Centralizer, with Pins, 9-5/8 in												
		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	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water + 2 lbs Red Dye				0				0	8.34	0	0	00:00	10	
Type III Cmt + adds								128	14.5	1.42	6.69	02:00	32.32	20.39
Premium Lite Cmt + adds								397	13	1.83	9.36	03:00	129.27	88.46
Fresh Water								0	8.34	0	0	00:00	105.14	
Type III Neat								100	14.8	1.33	6.33		23.61	15.07
Fresh Water								0	8.4	0	0	00:00	10	
Available Mix Water 450 Bbl.				Available Displ. Fluid 450 Bbl.				TOTAL				310.34	123.92	
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	0	1430	8.921	9.625	36	CSG	1414	1414	J-55	1414	1379	0		
LAST CASING			PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID			
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
16	16	18	CSG	55	55	No Packer	0	0	0	9.625	8 RND	WATER BASED	8.4	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER			
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator				
105.1	BBLS	Fresh Water	8.34	368	0	0	0	0	2816	2000	Rig			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 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: 13			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID					
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" 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: 1500 PSI With 8.4 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)
 During pressure test bottom 2" valve leaked on manifold. Used plug valves instead.

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 3374 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
13:30	0	0	0	0	N/A	yard call	
18:00	0	0	0	0	N/A	leave yard	
19:45	0	0	0	0	N/A	arrive on location	
22:50	0	0	0	0	N/A	spot trucks/pre rig up safety meeting	
23:40	0	0	0	0	N/A	safety meeting	
23:53	3374	0	0	0	H2O	pressure test pump/lines	
00:10	129	0	6	10	H2O	pre flush fresh water	
00:15	129	0	6	10	H2O	pre flush dye	
00:20	102	0	4.8	128	CMT	batch weigh, and pump 13.0# PLC + .08% static free + 3% cacl + 3% Nacl + .5 lbs/sack cello flake + 2 lbs/sack kol-seal, 50 lbs bag + 6% bentonite	
00:46	156	0	4.8	28	CMT	pump 14.5 type III cmt + .08 lbs/sack static free + 1.5% cacl + .5lbs/sack cello flake + 2lbs/sack kol-seal, 50 lbs bag	
01:01	0	0	0	0	N/A	drop plug	
01:02	167	0	4.8	70	H2O	displacement	
01:17	241	0	2	30	H2O	drop rate	
01:30	0	0	0	0	N/A	shut down	
01:38	358	0	1.5	6	H2O	displace	
01:43	368	0	0	106	N/A	BUMPED PLUG	
01:44	1500	0	0	0	N/A	CASING TEST	
02:00	1479	0	0	0	N/A	check floats	
03:51	0	0	1	2	CMT	14.8 type III cement	
04:20	0	0	0	0	N/A	post job safety meeting	

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	368	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	46	283	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



CEMENTING LABORATORY REPORT

Lab Report #C09-022-13

COMPANY :	Carrizo Oil & Gas Inc	DATE:	September 6, 2013
WELL NAME:	Bailey #5-26-8-60	LOCATION:	Weld County, Colorado
DISTRICT:	Brighton	TYPE JOB:	Surface
API #	05-123-37372-0000	TOC(md):	
DEPTH MD(ft):	1,400 ft	BHST(°F):	108 °F
CASING SIZE("):	9 5/8 in	BHCT(°F):	84 °F
TUBING SIZE("):		BHSqT(°F):	93 °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	1.42	1.33
Mixing Water: gal/sk.			9.36	6.69	6.33
Water Type:			Fresh	Fresh	Fresh
Testing Temperature :			84 °F	85 °F	85 °F
Thickening Time: hrs:mins.			5:54	2:29	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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