

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML			DATE 01-SEP-13		F.R. # 10011011269		SERV. SUPV. REESE A ANDERSON		
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 Intermediate			

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Bottom 7 in	Float Collar, Auto Fill, 7 - 8rd						
Cement Plug, Rubber, Top 7 in	Float Shoe 7 - 8rd						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Drilling Mud + Biocide	0	0	9.5	0	0	00:00	68	
Fresh Water	0	0	8.33	0	0	00:00	10	
SealBond + SB Plus	0	0	8.4	0	0	00:00	40	
Premium Lite Cmt + adds		382	12.5	1.94	10.65	03:30	132.02	96.85
50:50 (Poz:Class G) + adds		197	13.5	1.45	7.07	02:45	50.80	33.14
Drilling Mud	0	0	9.5	0	0	00:00	248.88	
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		549.70		129.99

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75	35	6402	6.366	7	23	CSG	6402	6200	P-110	6387	6302	

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	WGT.
8.9	9.625	36	CSG	1440	1440	NO PACKER	0	0	0	7	8 RD	9.6

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	
248	BBLS	Drilling Mud	9.5	2500	0	0	0	0	0	3000	RIG TANK

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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 4111 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
11:00	0	0	0	0	NA	YARD CALL	
13:13	0	0	0	0	NA	LEAVE YARD	
14:58	0	0	0	0	NA	ARRIVE ON LOCATION	
16:40	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP	
21:50	0	0	0	0	NA	SAFETY MEETING	
22:27	4111	0	0	0	H2O	PRESSURE TEST	
22:33	516	0	4.9	10	H2O	BIOCIDE SPACER	
22:36	681	0	5.5	40	H2O	SEAL BOND SPACER	
22:48	322	0	5.6	135	CMT	382 SACKS 12.5 PPG CEMENT	
23:17	155	0	4.1	52	CMT	197 SACKS 13.5 PPG CEMENT	
23:32	0	0	0	0	NA	DROP PLUG	
22:35	981	0	5.6	190	MUD	DISPLACEMENT	
00:11	848	0	4.1	10	MUD	RATE CHANGE	
00:15	1007	0	3.6	48	MUD	RATE CHANGE	
00:30	1580	0	3.6	248	MUD	BUMP PLUG/CASING TEST	
00:45	0	0	0	0	NA	BLEED OFF/TEST FLOATS	
00:50	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN	

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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 4111 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
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	1580	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	485	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	



CEMENTING LABORATORY REPORT

Lab Report #C09-002-13

COMPANY :	Carrizo Oil & Gas	DATE:	September 1, 2013
WELL NAME:	Bailey #6-26-8-60	LOCATION:	Weld County, Colorado
DISTRICT:	Brighton	TYPE JOB:	Intermediate Casing Cement
API #	05-123-37812-0000	TOC(md):	
DEPTH MD(ft):	6,200 ft	BHST(°F):	177 °F
CASING SIZE("):	7 in	BHCT(°F):	121 °F
TUBING SIZE("):		BHSqT(°F):	149 °F
HOLE SIZE("):	8 3/4 in	TOL (°F):	Static Circ

SLURRY DESIGN DATA

#1	Lead Slurry: Premium Lite Cement + 6% Bentonite + 0.2% FL-52 + 0.25 pps Cello Flake
#2	Tail Slurry: 50:50:3 (FA:G:Bentonite) + 0.5% SMS + 0.4% FL-52
#3	

SLURRY PROPERTIES			#1	#2	#3
Density : ppg			12.50	13.50	
Yield :cu.ft./sk.			1.94	1.45	
Mixing Water: gal/sk.			10.65	7.07	
Water Type:			Fresh	Fresh	
Testing Temperature :			121 °F	120 °F	
Thickening Time: hrs:mins.			6:47	4:28	
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 :	Lead slurry was given a 15 minute shutdown.
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