

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML				DATE 11-SEP-13		F.R. # 10011012833		SERV. SUPV. RYAN R STEVENS						
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 Intermediate						
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
Cement Plug, Rubber, Bottom 7 in		Float Collar, Al Flap, 7 - 8rd		None		0	0	None		0	0			
Cement Plug, Rubber, Top 7 in		Float Shoe 7 - 8rd												
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
Drilling Mud + Biocide				N/A				0	0	0	0	00:00	0	
Fresh Water				N/A				0	8.33	0	0	00:00	10	
SealBond + SB Plus				N/A				0	8.4	0	0	00:00	40	
Premium Lite Cmt + adds				N/A				391	12.5	1.94	10.65	06:59	135.13	99.13
50:50 (Poz:Class G) + adds				N/A				184	13.5	1.45	7.07	04:25	47.44	30.96
Drilling Mud				N/A				0	9.5	0	0	00:00	246.7	
Available Mix Water 500 Bbl.				Available Displ. Fluid 500 Bbl.				TOTAL				479.28	130.09	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	0	6337	6.366	7	23	CSG	6303	6208	P-110	6303	6267	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.	
8.9	9.63	36	CSG	1414	1414	No liner	0	0	0	7	8RD	WATER BASED	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				
246.7	BBLS	Drilling Mud	9.5	1059	0	0	0	0	3488	3000	Rig Tank			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: .5			Circulation Rate: 6 BPM					
Mud Density In: 9.6 LBS/GAL Mud Density Out: 9.6 LBS/GAL						PV & YP Mud In: 16			PV & YP Mud Out: 16					
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: 2 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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: 20		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						
Casing Test (Update Original Treatment Report for Primary Job)														
Casing Test Pressure: 0 PSI						With 0 LBS/GAL Mud		Time Held: 00 Hours 00 Minutes						
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None														

CEMENT JOB REPORT



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 4802 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
13:50	0	0	0	0	N/A	Yard call
15:58	0	0	0	0	N/A	Time left district
17:33	0	0	0	0	N/A	Time arrived on location (78 Miles) Rig ready for cement
17:46	0	0	0	0	N/A	Spot trucks
17:55	0	0	0	0	N/A	Pre rig up safety meeting
19:05	0	0	0	0	N/A	Pre job safety meeting
19:29	67	0	1.6	2	WATER	Load lines
19:30	1621	0	0	0	WATER	Low pressure test
19:31	4801	0	0	0	WATER	High pressure test
19:35	902	0	4.8	10	WATER	Fresh water spacer
19:37	511	0	3.1	40	SPACER	Seal bond spacer + Seal bond plus
20:10	511	0	5	128	CEMENT	Batch up, weigh and pump 391 SXS of PLC + 0.25 LBS/Sack Cello Flake + 0.2% FL-52 + 6% Bentonite @ 12.5 PPG
20:31	72	0	4	42	CEMENT	Mix and pump 184 SXS of (50:50) POZ/G + 0.4% FL-52 + 3% Bentonite + 0.5% SMS @ 13.5 PPG
20:43	0	0	0	0	N/A	Shut down release plug
20:47	1177	0	6	210	MUD	Start displacement
21:24	1059	0	5	10	MUD	Drop rate
21:25	807	0	3.2	2	MUD	Drop rate due to vac truck not keeping up
21:27	1056	0	2.5	30	MUD	Drop rate due to vac truck not keeping up
21:37	2410	0	2.5	242	MUD	Bump Plug @ 242 BBLS away on inventory tanks Calculated displacement was 246.7
21:53	0	0	0	0	N/A	Check floats
21:55	0	0	0	0	N/A	Pre rig down safety meeting
22:45	0	0	0	0	N/A	Time off 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	1056	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	464	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



CEMENTING LABORATORY REPORT

Lab Report #C09-033-13

COMPANY :	Carrizo Oil & Gas	DATE:	September 9, 2013
WELL NAME:	Bailey #5-26-8-60	LOCATION:	Weld County, Colorado
DISTRICT:	Brighton	TYPE JOB:	Intermediate Casing Cement
API #	05-123-37372-0000	TOC(md):	
DEPTH MD(ft):	6,393 ft	BHST(°F):	177 °F
CASING SIZE("):	7 in	BHCT(°F):	121 °F
TUBING SIZE("):		BHSqT(°F):	150 °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.		5:46	5:04	
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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