

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML			DATE 21-AUG-13		F.R. # 10011008772		SERV. SUPV. STEVEN S ISCHE							
LEASE & WELL NAME BAILEY #7-26-8-60 - API 05123378130000			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, Top 7 in		Float Collar, Ball Valve, 7 - 8rd		NONE		0	0	NONE		0	0			
		Float Shoe 7 - 8rd												
		Centralizer, Positive, 7 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		
Drilling Mud + Biocide				N/A		0	9.5	0	0	00:00	68			
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		386	12.5	1.94	10.65	03:52	129	94.63		
50:50 (Poz:Class G) + adds				N/A		181	13.5	1.45	7.07	04:00	41	26.75		
Drilling Mud				N/A		0	9.5	0	0	00:00	245			
Available Mix Water 500 Bbl.			Available Displ. Fluid 500 Bbl.			TOTAL			533	121.38				
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	35	6371	6.366	7	23	CSG	6303	6200	N-80	6303	6215	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	1452	1452	NO PACKER		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			
245	BLS	Drilling Mud		9.5	987	0	0	0	0	5072	1664	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: 9.6 LBS/GAL Mud Density Out: 9.6 LBS/GAL						PV & YP Mud In: 14			PV & YP Mud Out: 14					
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 BLS								
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: 52			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: 1564 PSI With 8.34 LBS/GAL Mud						Time Held: 00 Hours 15 Minutes								

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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

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 type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4968 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
15:30	0	0	0	0	N/A	YARD CALL	
18:30	0	0	0	0	N/A	LEAVE YARD	
20:10	0	0	0	0	N/A	ARRIVE ON LOCATION (18 JOINTS LEFT TO RUN)	
20:20	0	0	0	0	N/A	SPOT TRUCKS	
20:28	0	0	0	0	N/A	PRE RIG UP SAFTY MEETING	
23:40	0	0	0	0	N/A	SAFTY MEETING WITH CREW	
00:11	223	0	1	2	H2O	LOAD LINES	
00:16	4968	0	0	0	H2O	PRESSURE TEST	
00:21	372	0	4.8	10	H2O	FRESH WATER SPACER	
00:23	322	0	4.8	40	H2O	SEAL BOND AND SEAL BOND PLUS SPACER	
00:36	372	0	4.8	129	CEMENT	BATCH UP, WHEIGH AND SEND LEAD	
01:11	173	0	4.8	41	CEMENT	TAIL	
01:22	0	0	0	0	N/A	DROP PLUG	
01:27	1163	0	4.9	235	WATER B/	DISPLACEMENT CAUGHT CEMENT 135 BBLs AWAY	
02:16	117	0	2	10	WATER B/	RATE CHANGE GOT 35 BBLs OF SEAL BOND BACK	
02:27	1564	0	0	0	N/A	BUMP PLUG AND CASING TEST	
02:42	1664	0	0	0	N/A	TEST FLOATS END CASING TEST	
02:45	0	0	0	0	N/A	RIG DOWN SAFTY MEETING	
03:30	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	1564	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	467	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



CEMENTING LABORATORY REPORT
Lab Report #C0806913

COMPANY :	Carrizo Oil & Gas	DATE:	August 19, 2013
WELL NAME:	Bailey 7-26-8-60	LOCATION:	Weld County, Colorado
DISTRICT:	Brighton	TYPE JOB:	Intermediate Casing Cement
API #	05-123-37813-0000	TOC(md):	
DEPTH MD(ft):	6,371 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% 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 :		120 °F	120 °F	
Thickening Time: hrs:mins.		3:52	4:00	
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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