

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML		DATE 05-SEP-13		F.R. # 10011011665		SERV. SUPV. JASON L SJOBERG		
LEASE & WELL NAME BOB WHITE #2-36-8-62 - API 05123377430000		LOCATION 36-8N-62W		COUNTY-PARISH-BLOCK Weld Colorado				
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme Coil #19		TYPE OF JOB Intermediate				
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	
Cement Plug, Rubber, Top 7 in		Float Collar, Auto Fill, 7 - 8rd						
		Guide Shoe, Cement Nose, 7 in						
		Centralizer, with Pins, 7 in						
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES				
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	
Drilling Mud		0		0	9.5	0	0 00:00	
Fresh Water		0		0	8.33	0	0 00:00	
SealBond + SB Plus		0		0	8.4	0	0 00:00	
Premium Lite Cmt + adds		C0901513		429	12.5	1.94	10.65 03:30	
50:50 (Poz:Class G) + adds		C0901513		166	13.5	1.45	7.07 02:45	
Drilling Mud		0		0	9.5	0	0 00:00	
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		498.53 136.69		
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD
8.75	0	6645	6.366	7	23	CSG	6628	6628
						GRADE	SHOE	FLOAT
						P-110	6628	6542
						STAGE	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
8.9	9.63	36	CSG	1413	1413	No Packer	0	0
						BTM	SIZE	THREAD
						0	7	8 RND
						TYPE	WATER BASED	
						WGT.	9.6	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator
257.5	BBLS	Drilling Mud	9.5	1055	0	0	0	0
						MAX CSG PSI	RATED	Operator
						7968	3000	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: 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: 1.5 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: 55		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: 1507 PSI With 9.6 LBS/GAL Mud				Time Held: 15 Hours 00 Minutes				

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

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 4480 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
09:00	0	0	0	0	N/A	Yard Call	
14:15	0	0	0	0	N/A	Leave Yard	
15:45	0	0	0	0	N/A	Arrive on Location	
15:50	0	0	0	0	N/A	Spot Trucks/Pre Rig-up Safety Meeting	
16:45	0	0	0	0	N/A	Safety Meeting	
17:17	4480	0	0	0	H2O	Pressure Test Pump and Lines	
17:20	558	0	4.8	10	H2O	Preflush Fresh Water	
17:25	531	0	4.8	40	H2O	Preflush Sealbond	
17:35	657	0	4.8	143	CMT	Batch, Weigh, Pump 12.5# PLC + .25 lbs/sack Cello Flake + .2% FL-52 + 6% Bentonite	
18:11	126	0	4.8	39	CMT	Pump 13.5# 50:50 G + .4% FL-52 + 3% Bentonite + .5% SMS	
18:21	0	0	0	0	N/A	Drop Plug	
18:25	20	0	4.7	247	MUD	Displacement	
19:18	1164	0	3.5	9	MUD	Drop Rate	
19:20	1273	0	3.5	256	MUD	Bump Plug	
19:24	1844	0	0	0	N/A	Check Floats	
19:28	1507	0	0	0	MUD	Casing Test	
19:45	0	0	0	0	N/A	Post Job Safety Meeting	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1273	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 2	TOTAL BBL. PUMPED 491	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:



CEMENTING LABORATORY REPORT

Lab Report #C09-015-13

COMPANY :	Carrizo Oil & Gas	DATE:	September 5, 2013
WELL NAME:	Bob White 2-36-8-62	LOCATION:	Weld County, Colorado
DISTRICT:	Brighton	TYPE JOB:	Intermediate Casing Cement
API #	05-123-37743-0000	TOC(md):	
DEPTH MD(ft):	6,620 ft	BHST(°F):	194 °F
CASING SIZE("):	7 in	BHCT(°F):	128 °F
TUBING SIZE("):		BHSqT(°F):	163 °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 :		127 °F	127 °F	
Thickening Time: hrs:mins.		3:03	2:58	
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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