

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML			DATE 27-AUG-13		F.R. # 10011010213		SERV. SUPV. LANCE N WEBB		
LEASE & WELL NAME BOB WHITE #3-36-8-62 - API 05123377420000			LOCATION 36-8N-62W			COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Xtreme 19			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	Centralizer, with Pins, 7 in						
	Float Collar, Auto Fill, 7 - 8rd						
	Guide Shoe, Texas-Notched 7 in						

PHYSICAL SLURRY PROPERTIES								
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	0	0	9.5	0	0	00:00	0	
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	0	428	12.5	1.94	10.65	03:30	147.92	108.51
50:50 (Poz:Class G) + adds	0	163	13.5	1.45	7.07	02:45	42.03	27.42
Drilling Mud	0	0	9.5	0	0	00:00	257.51	
Available Mix Water 250 Bbl.		Available Displ. Fluid 250 Bbl.		TOTAL		497.45		135.93

HOLE				TBG-CSG-D.P.						COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75	0	6642	6.366	7	23	CSG	6623	6525	P-110	6623	6540	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	WGT.
8.9	9.625	36	CSG	1440	1440	NO PACKER	0	0	0	7	8RD	9.5

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	
257.5	BBLS	Drilling Mud	9.5	1200	0	0	0	0	9960	7968	RIG

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 4000 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
03:45	0	0	0	0	NA	ARRIVED ON LOCATON RIG RUNNING CSG OL 500	
05:00	0	0	0	0	NA	SPOT TRUCKS	
06:15	0	0	0	0	NA	SAFETY MEETING	
06:45	4309	0	0	0	H2O	PSI TEST	
06:50	350	0	5	10	H2O	H2O SPACER	
06:54	451	0	5	40	H2O	SEAL BOND SPACER	
07:00	262	0	5	148	CMT	BATCH/WEIGH/PUMP LEAD CMT @ 12.5 PPG	
07:37	262	0	5	42	CMT	WEIGH/PUMP TAIL CMT @ 13.5 PPG	
07:50	0	0	0	0	H2O	SHUT DOWN DROP PLUG	
07:55	93	0	5	0	MUD	DISPLACEMENT W/ 9.6 PPG MUD	
08:18	292	0	5	140	MUD	CAUGHT CMT	
08:45	1303	0	3	240	MUD	SLOWED RATE	
08:52	2038	0	0	258	MUD	BUMPED PLUG FLOAT HELD FINAL LIFT 1451 PSI 30 BBLS CMT BACK	
08:56	1501	0	0	0	MUD	CSG TEST	
09:26	0	0	0	0	MUD	BLEED OFF FLOAT HELD	

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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 4000 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
10:00	0	0	0	0	NA	LEAVE LOCATION	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1200	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 498	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	SERVICE SUPERVISOR SIGNATURE:



CEMENTING LABORATORY REPORT

Lab Report #C085-097-13

COMPANY :	Carrizo Oil & Gas	DATE:	August 27, 2013
WELL NAME:	Bob White #3-36-8-62	LOCATION:	Weld County, Colorado
DISTRICT:	Brighton	TYPE JOB:	Intermediate Casing Cement
API #	05-123-37742-0000	TOC(md):	
DEPTH MD(ft):	6,621 ft	BHST(°F):	194 °F
CASING SIZE("):	7 in	BHCT(°F):	129 °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% 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 :			128 °F	131 °F	
Thickening Time: hrs:mins.			4:22	2:40	
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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