

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML			DATE 28-JAN-13		F.R. # 1001961988			SERV. SUPV. RYAN SULLIVAN						
LEASE & WELL NAME BRINGELSON RANCH #2-33-9-58 - API 0512336332			LOCATION 33-9N-58W			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	HANGER TYPES		MD	TVD		
7" Top Cem Plug, Nitrile cvr, Phen		Centralizer, with Pins, 7 in												
		Float Shoe 7 - 8rd												
		Float Collar, Ball Valve, 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	9.6	0	0	00:00	0			
Fresh Water			N/A			0	8.33	0	0	00:00	10			
SealBond Spacer			N/A			0	8.4	0	0	00:00	40			
Premium Lite Cement + adds						349	12.5	1.94	10.65		120.6	88.39		
50/50 (Poz/Class G Cement) + adds						155	13.5	1.71	8.30		47.2	30.58		
Drilling Mud			N/A			0	9.6	0	0	00:00	227.2			
Available Mix Water 400 Bbl.			Available Displ. Fluid 500 Bbl.			TOTAL			445 118.97					
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	35	5875	6.366	7	23	CSG	5853	5853	P-110	5853	5770	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	1400	1400	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				
227.2	BBLS	Drilling Mud	9.6	954	0	0	0	0	5000	3000	Rig			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 3			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: Visually								
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: 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: 1510 PSI With 9.6 LBS/GAL Mud						Time Held: 00 Hours 15 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

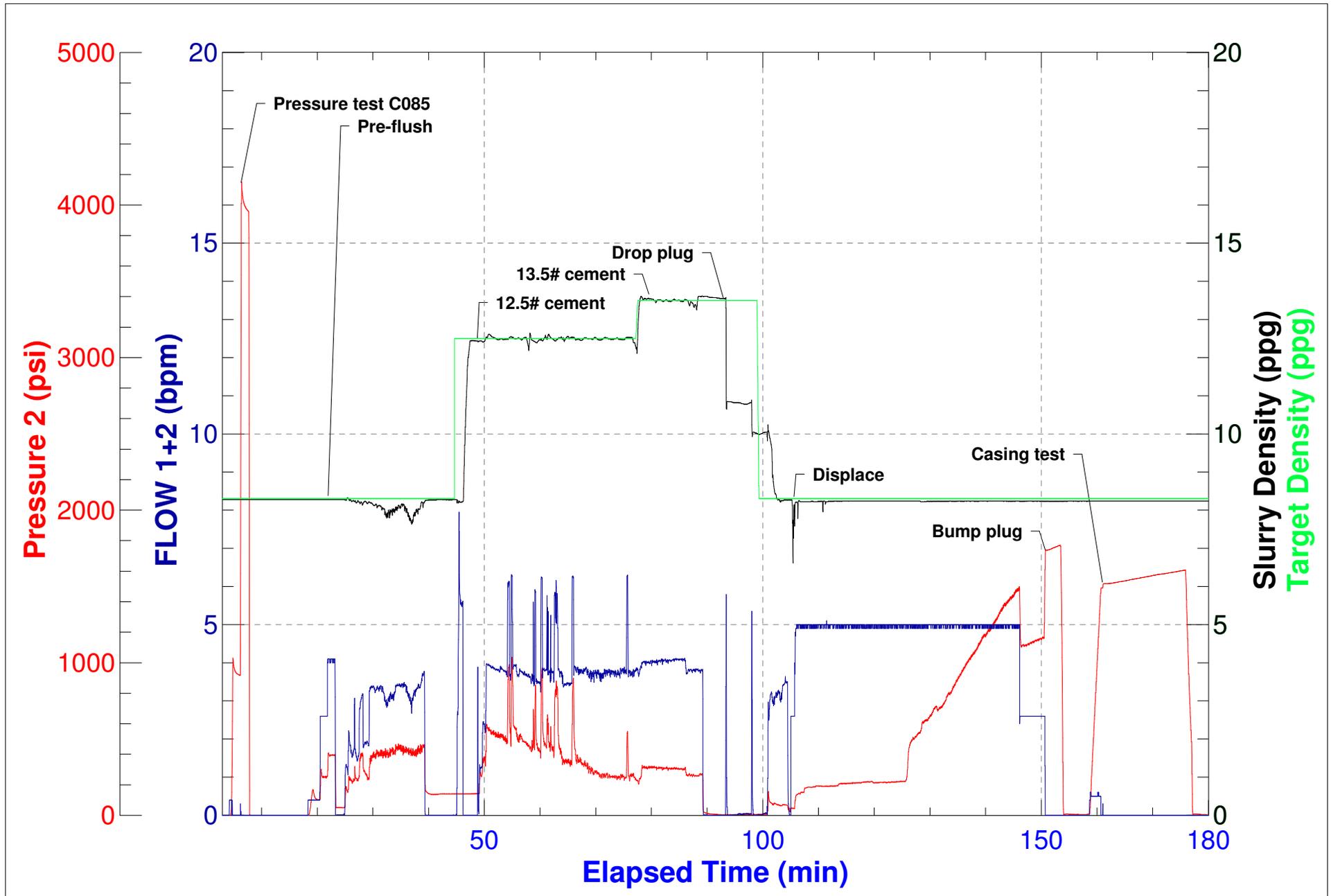
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
None

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 4143 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
14:50	0	0	0	0	N/A	Arrive on location, 100 miles, rig is ready to go	
14:55	0	0	0	0	N/A	Spot trucks on location, pre-rig up safety meeting	
16:10	0	0	0	0	N/A	Pre-job safety meeting - 7" top cement plug provided by customer	
16:36	1026	0	0	0	WATER	Load lines & low pressure test	
16:38	4143	0	0	0	WATER	High pressure test	
16:50	381	0	4.1	10	WATER	Freshwater spacer	
16:53	346	0	3	40	SEAL BON	Seal bond spacer	
17:19	236	0	3.8	118	CEMENT	Batch-up, weigh, & pump 349 sx of PLC + 0.25% Cello Flake + 0.4% FL-52 + 6% Bentonite @ 12.5 ppg	
17:50	298	0	4	46	CEMENT	Mix, weigh, & pump 155 sx of (50:50) Poz:G + 0.4% FL-52 + 3% Bentonite + 0.1% SMS + 20% S-8 @ 13.5 ppg	
18:02	0	0	0	0	N/A	Release plug	
18:10	210	0	5	210	MUD	Displace	
18:58	1112	0	2.6	17	MUD	Rate change	
19:03	1166	0	2.6	227	MUD	Bump plug to 1744 psi, 1.5 bbls bled back, floats held, 37 bbls cement to surface	
19:12	1510	0	0	0	MUD	Casing test for 15 minutes	
19:38	1603	0	0	0	MUD	Casing test complete @ 1603 psi	
19:40	0	0	0	0	N/A	Pre-rig down safety meeting	
20:20	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	1116	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	37	441	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





CEMENTING LABORATORY REPORT
Lab Report #C0113613

COMPANY :	Carrizo Oil & Gas	DATE:	January 28, 2013
WELL NAME:	Bringelson 2-33-9-58	LOCATION:	Weld County, Colorado
DISTRICT:	Brighton	TYPE JOB:	Intermediate
API #	05-123-36332-0000	TOC(md):	
DEPTH MD(ft):	5,948 ft	BHST(°F):	199 °F
CASING SIZE("):	9 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, 0.25% Cello Flake, 0.4% FL-52
#2	Tail Slurry: 50:50:3 (FA:G:Bentonite) + 0.1% SMS, 0.4% FL-52, 20% Silica Flour
#3	

SLURRY PROPERTIES		#1	#2	#3
Density : ppg		12.50	13.50	
Yield :cu.ft./sk.		1.94	1.71	
Mixing Water: gal/sk.		10.65	8.30	
Water Type:		Fresh	Fresh	
Testing Temperature :		128 °F	128 °F	
Thickening Time: hrs:mins.		5:06	6:22	
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 : Lot #'s: Slurry No. 1- Poz: 21-201, Gel: 12041213, Cello Flake: 113169, Type III: 11132012, FI-52: DEAT181394/DEAT181393, Slurry No. 2- Gel: 66635, Class G: 24102012, Poz:21-201, S-8: 37011273, FL-52: DEAT181394/DEAT181393, SMS: U11261/U121412

COMMENTS : The above data is supplied solely for informational purposes and BJ makes no guarantees or warranties, either express or implied, with respect to the accuracy or use of this data. All product warranties and guarantees shall be governed by the standard contract terms at the time of sale.



FIELD RECEIPT NO. 1001961988

CUSTOMER CARRIZO OIL & GAS INC XML				CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER 20015134 - 0040139823-2	INVOICE NUMBER 1854779		
MAIL INVOICE TO 500 DALLAS STREET, SUITE 2499		STREET OR BOX NUMBER		CITY Houston	STATE Texas	ZIP CODE 77063			
DATE WORK COMPLETED 01 28 2013	MO. 01	DAY 28	YEAR 2013	BHI REPRESENTATIVE RYAN SULLIVAN	WELL API NO: 05123363320000	WELL TYPE : New Well			
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 5,853	WELL CLASS : Oil				
WELL NAME AND NUMBER BRINGELSON RANCH #2-33-9-58				TD WELL DEPTH (ft) 5,875	GAS USED ON JOB : No Gas				
WELL LOCATION : 33-9N-58W		LEGAL DESCRIPTION		COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Intermediate			
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement			sacks	78	31.800	2,480.40	65%	868.14
100112	Calcium Chloride			lbs	300	1.290	387.00	100%	0.00
100120	Bentonite			lbs	2213	0.530	1,172.89	65%	410.51
100121	Silica Flour			lbs	2604	0.590	1,536.36	65%	537.73
100275	Sodium Metasilicate			lbs	13	4.100	53.30	65%	18.66
100295	Cello Flake			lbs	76	5.100	387.60	65%	135.66
100317	Poz (Fly Ash)			sacks	78	14.200	1,107.60	65%	387.66
100404	Sodium Chloride			lbs	100	0.520	52.00	100%	0.00
398224	Premium Lite Cement			sacks	349	27.650	9,649.85	65%	3,377.45
398416	SealBond Spacer (w/ 30lb pail)			bbbls	40	277.200	11,088.00	65%	3,880.80
488015	FL-52			lbs	175	26.900	4,707.50	65%	1,647.63
488019	FP-6L			gals	6	104.250	625.50	65%	218.93
488521	SealBond Plus			lbs	600	4.730	2,838.00	65%	993.30
499632	Granulated Sugar			lbs	100	3.840	384.00	65%	134.40
	SUB-TOTAL FOR Product Material						36,470.00	65.42%	12,610.87
ARRIVE LOCATION :	MO. 01	DAY 28	YEAR 2013	TIME 14:50	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.			SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.	
CUSTOMER REP. Bill Foster					CUSTOMER AUTHORIZED AGENT X			BHI APPROVED	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								CUSTOMER AUTHORIZED AGENT X	



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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge				cu ft	636	5.450	3,466.20	65%	1,213.17
R798	Automatic Density System				job	1	1,990.000	1,990.00	65%	696.50
	SUB-TOTAL FOR Service Charges							5,666.20	62.59%	2,119.67
F063A	Cement Pumping, 5001 - 6000 ft				6hrs	1	7,325.000	7,325.00	65%	2,563.75
F090	Fuel per pump charge - cement				pump/hr	6	70.250	421.50	0%	421.50
J050	Cement Head				job	1	830.000	830.00	65%	290.50
J390	Mileage, Heavy Vehicle				miles	200	11.850	2,370.00	65%	829.50
J391	Mileage, Auto, Pick-Up or Treating Van				miles	200	6.700	1,340.00	65%	469.00
	SUB-TOTAL FOR Equipment							12,286.50	62.77%	4,574.25
J401	Bulk Delivery, Dry Products				ton-mi	2509	3.940	9,885.46	65%	3,459.91
	SUB-TOTAL FOR Freight/Delivery Charges							9,885.46	65.00%	3,459.91
	FIELD ESTIMATE							64,308.16	64.60%	22,764.70
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SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									CUSTOMER AUTHORIZED AGENT X	