

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML		DATE 22-MAR-15		F.R. # 10011145990		SERV. SUPV. BRYAN J BARBARIGOS	
LEASE & WELL NAME BRINGELSON RANCH #16-20-9-58 - API 051234115		LOCATION 20-9N-58W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme Coil #19		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES MD TVD
Cement Plug, Rubber, Top 9-5/8 in	Float Collar, Al Flap, 9-5/8 - 8rd		none				none
	Float Shoe 9-5/8 - 8rd						
	Centralizer, with Pins, 9-5/8 in						
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
Fresh Water + 2 lbs Red Dye					8.34		
Type III Cmt + adds				146	14.5	1.41	6.82
Premium Lite Cmt + adds				291	13	1.81	9.46
Fresh Water					8.34		
Available Mix Water 350 Bbl.		Available Displ. Fluid 600 Bbl.		TOTAL		254.61	89.24
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
12.25	40	1457	8.921	9.625	36	CSG	1437
							1437
							J-55
							1437
							1392
							1
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH
15.	16	65	CSG	70	70	NO PACKER	0
							9.625
							8RND
							FRESH WATER
							8.4
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
107	BBLS	Fresh Water	8.34	348	0	0	0
							0
							7968
							2500
							RIG TANK
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2			
Mud Density In: 8.5 LBS/GAL				Mud Density Out: 8.5 LBS/GAL			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				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: .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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 15			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Plugs							
Number of Attempts by BJ: 0				Competition: 0			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Wiper Balls Used: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <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: 1500 PSI				With 8.5 LBS/GAL Mud			
				Time Held: 00 Hours 15 Minutes			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:							

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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

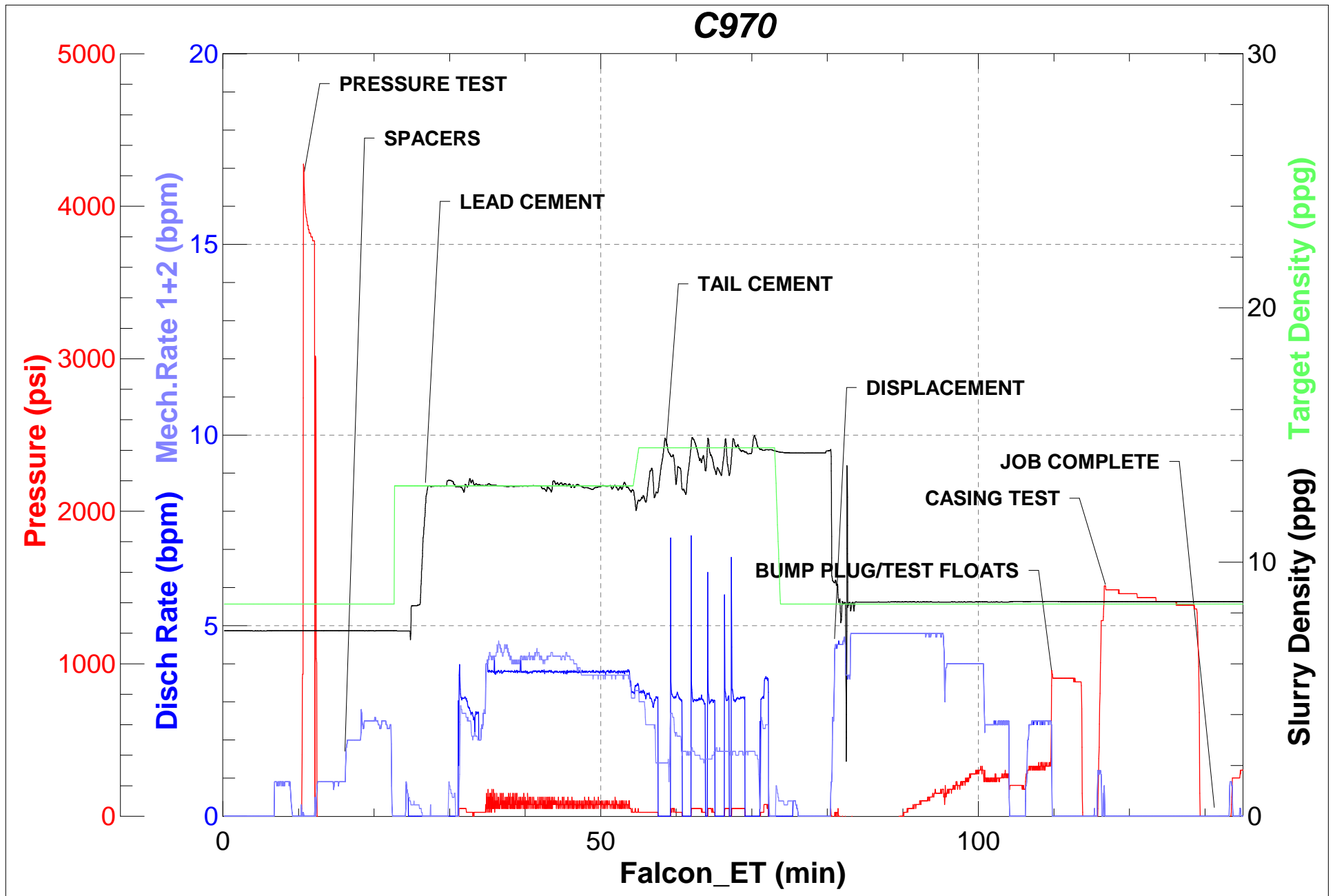
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 NONE

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

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 3500 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
07:30	0	0	0	0	N/A	LEAVE YARD	
09:45	0	0	0	0	N/A	ARRIVE ON LOCATION 95 MILES	
11:30	0	0	0	0	N/A	SPOT TRUCKS	
11:45	0	0	0	0	N/A	PRE-RIG UP MEETING	
12:45	0	0	0	0	N/A	PRE-JOB MEETING	
13:15	0	0	.9	2	H2O	LOAD LINES	
13:18	3900	0	.8	.5	H2O	PRESSURE TEST	
13:23	0	0	2	15	H2O	SPACER	
13:42	167	0	4	89	CMT	LEAD 291SX @13 BATCH/WEIGH/PUMP	
14:00	120	0	2.8	31	CMT	TAIL CEMENT	
14:28	270	0	4	107	H2O	DISPLACEMENT	
14:59	906	0	0	0	H2O	BUMP PLUG/ TEST FLOATS DID NOT HOLD	
15:10	1510	0	2	1	H2O	CASING TEST	
15:20	0	0	0	0	H2O	TEST FLOATS DID NOT HOLD PUMPED 300# ON CASING SHUT IN LEAVE HEAD	
16:00	0	0	0	0	N/A	JOB COMPLETE	

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	348	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	38	250	300	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





CEMENTING LABORATORY REPORT

Lab Report # C03-104-15

Proposal #1001177710A

COMPANY : Carrizo Oil & Gas Inc		DATE: March 21, 2015	
WELL NAME: Bringelson Ranch #16-20-9-58		LOCATION: Sec.20, 9N-58W	
DISTRICT: Brighton		TYPE JOB: Surface Field Blend	
API #: 05-123-41152-0000	RIG #: Xtreme Coil #19	TOC(md):	
DEPTH MD/TVD(ft): 1450		BHST(°F): 109 °F	
CASING SIZE("/#): 9 5/8 in	36. #	BHCT(°F): 85 °F	
TUBING SIZE("/#):		BHSqT(°F): 94 °F	
HOLE SIZE("): 12 1/4 in		TOL (°F):	Static Circ

SLURRY DESIGN DATA

#1	Lead Slurry FB: Premium Lite Cement + 6% Bentonite II +3% CaCl ₂ + 3% NaCl ₂ + 0.25 pps Cello Flake + 0.04% Static Free + 0.05 gal/100 sack FP-6L
#2	Tail Slurry FB: Type III Cement + 1.5% CaCl ₂ + 0.25 pps Cello Flake + 0.04 pps Static Free + 0.5 gal/100sack FP-6L
#3	

SLURRY PROPERTIES		#1	#2	#3
Density : ppg		13.00	14.50	
Yield :cu.ft./sk.		1.81	1.41	
Mixing Water: gal/sk.		9.46	6.82	
Water Type:		Fresh	Fresh	
Testing Temperature :		82 °F	82 °F	
Thickening Time: hrs:mins.		3:32	1:42	
Free Water: mls.				
Fluid Loss:ml/30min				
Compressive Strength:				
	hrs.			
	hrs.			
Rheologies		RPM		
		300		
		200		
		100		
		60		
		30		
		6		
		3		
		600		
		PV		
		YP		
Gel Strength : #/100sq.ft.		10 sec.		
		10 min.		

REMARKS :	
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COMMENTS : The above data is supplied solely for informational purposes and Baker Hughes 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. 10011145990

CUSTOMER CARRIZO OIL & GAS INC XML					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040003338 - 0040139823-1		INVOICE NUMBER	
MAIL INVOICE TO : 500 DALLAS STREET, SUITE 2499					CITY Houston		STATE Texas		ZIP CODE 77063			
DATE WORK COMPLETED 03 / 22 / 2015		BHI REPRESENTATIVE BRYAN J BARBARIGOS			WELL API NO: 05123411520000		WELL TYPE : New Well					
DISTRICT PP, BRIGHTON					JOB DEPTH(ft) 1,437		WELL CLASS : Oil					
WELL NAME AND NUMBER BRINGELSON RANCH #16-20-9-58					TD WELL DEPTH(ft) 1,457		GAS USED ON JOB : No Gas					
WELL LOCATION : 20-9N-58W		LEGAL DESCRIPTION Weld			COUNTY/PARISH Colorado		STATE Colorado		JOB TYPE CODE : Surface			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100112	Calcium Chloride				lbs	150	1.290	193.50	70%	58.05		
100112	Calcium Chloride				lbs	966	1.290	1,246.14	73%	336.46		
100295	Cello Flake				lbs	110	5.100	561.00	73%	151.47		
100404	Sodium Chloride				lbs	50	0.520	26.00	70%	7.80		
100404	Sodium Chloride				lbs	689	0.520	358.28	73%	96.74		
398224	Premium Lite Cement				sacks	291	27.650	8,046.15	73%	2,172.46		
488019	FP-6L				gals	3	104.250	312.75	73%	84.44		
488449	Bentonite II				lbs	1519	0.440	668.36	73%	180.46		
499632	Granulated Sugar				lbs	100	3.840	384.00	73%	103.68		
499680	Static Free				lbs	17	40.700	691.90	73%	186.81		
499703	Type III Cement				sacks	246	31.700	7,798.20	73%	2,105.51		
				SUB-TOTAL FOR Product Material				20,286.28	72.97%	5,483.88		
ARRIVE LOCATION : 03 / 22 / 2015 09:45		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. JEFF MAYER							CUSTOMER AUTHORIZED AGENT X					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS							BHI APPROVED X					
		CUSTOMER AUTHORIZED AGENT										

