

# CEMENT JOB REPORT



<b>CUSTOMER</b> CARRIZO OIL & GAS INC XML		<b>DATE</b> 18-FEB-15		<b>F.R. #</b> 10011139468		<b>SERV. SUPV.</b> Zachary Fagg	
<b>LEASE &amp; WELL NAME</b> BRINGELSON RANCH #13-20-9-58 - API 051233937		<b>LOCATION</b> 20-9N-58W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Xtreme Coil 19		<b>TYPE OF JOB</b> Surface			
<b>SIZE &amp; TYPE OF PLUGS</b>	<b>LIST-CSG-HARDWARE</b>	<b>MECHANICAL BARRIERS</b>	<b>MD</b>	<b>TVD</b>	<b>HANGER TYPES</b>	<b>MD</b>	<b>TVD</b>
Cement Plug, Rubber, Top 9-5/8 in	Centralizer, with Fins, 9-5/8 in	NONE	0	0	Casing	1387	1387
	Float Collar, AI Flap, 9-5/8 - 8rd						
	Float Shoe 9-5/8 - 8rd						
<b>MATERIALS FURNISHED BY BJ</b>		<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>			
				<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>
Fresh Water + 2 lbs Red Dye				0	8.34	0	00:00
Type III Cmt + adds		C02-073-15		146	14.5	1.41	01:20
Premium Lite Cmt + adds		C02-073-15		403	13	1.81	03:11
Fresh Water				0	8.34	0	00:00
<b>Available Mix Water</b> 500 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 500 <b>Bbl.</b>		<b>TOTAL</b>		290.80	114.47
<b>HOLE</b>		<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>	
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>
12.25	100	1450	8.921	9.625	36	CSG	1450
						<b>GRADE</b>	<b>SHOE</b>
						J-55	1429
						<b>TVD</b>	<b>FLOAT</b>
						1450	1387
						<b>STAGE</b>	<b>0</b>
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b>	
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>SIZE</b>	<b>THREAD</b>
						9.625	8 RND
		NO PACKER		0		WATER BASED	
						<b>WGT.</b>	<b>8.8</b>
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>
107.3	BBLS	Fresh Water	8.34	1210	0	0	0
						<b>Operator</b>	<b>MAX CSG PSI</b>
						1616	1531
						<b>Operator</b>	<b>MIX WATER</b>
							RIG
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 8.8 LBS/GAL				Mud Density Out: 8.8 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"/>			
<b>Displacement And Mud Removal</b>							
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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 14			
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			
<b>Plugs</b>							
Number of Attempts by BJ: 0				Competition: 0			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input 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			
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>							
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			
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>							
Casing Test Pressure: 1549 PSI				With 8.34 LBS/GAL Mud			
				Time Held: 00 Hours 15 Minutes			
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE</b>							

# 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

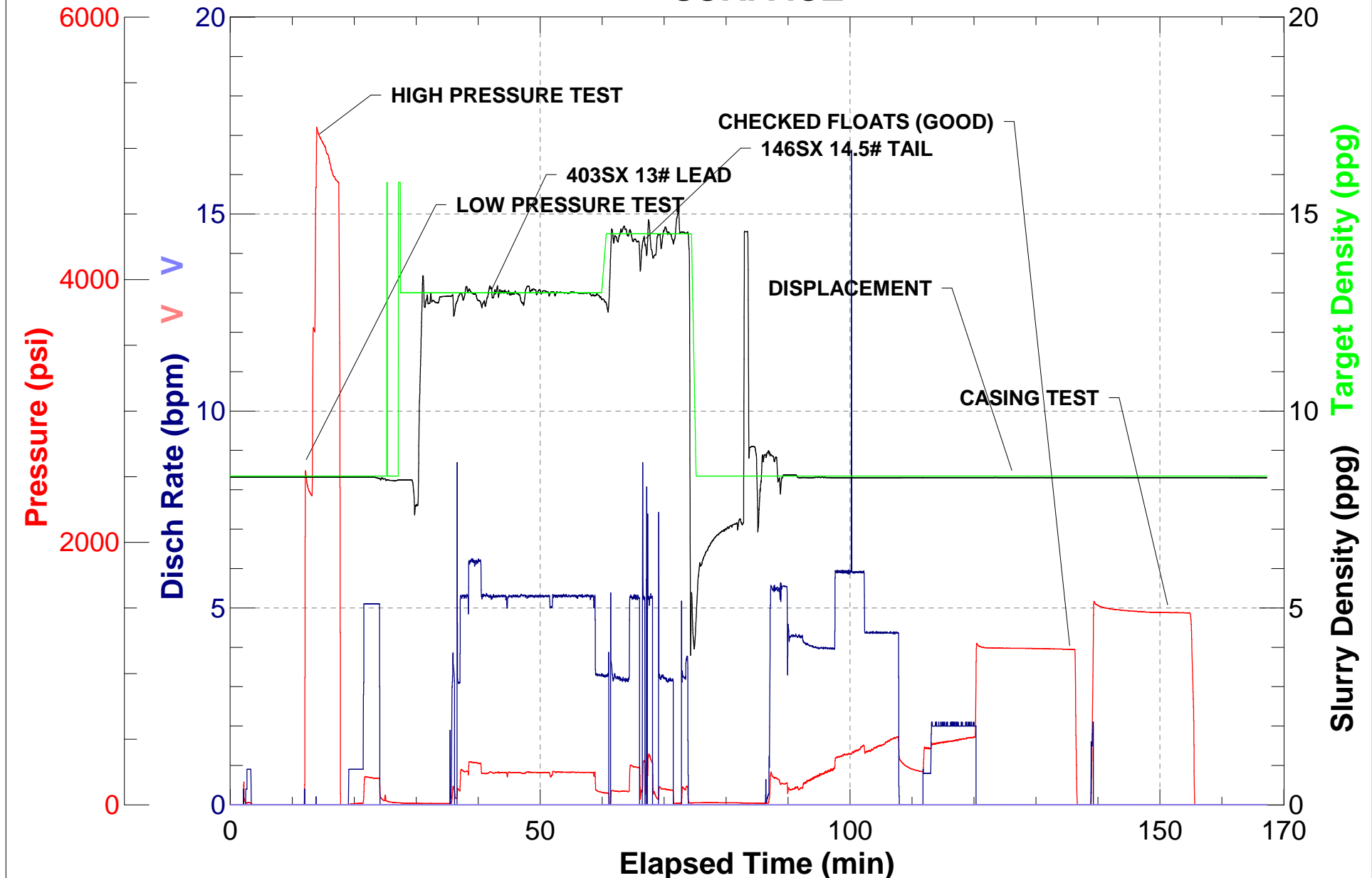
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 NONE

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

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	5165 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:35	0	0	0	0	N/A	LEFT DISTRICT	
14:55	0	0	0	0	N/A	ARRIVE AT DISTRICT (98 MILES)	
15:15	0	0	0	0	N/A	SPOT TRUCKS	
15:30	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
16:10	0	0	0	0	N/A	SAFETY MEETING	
18:14	19	0	.9	1	H2O	LOAD LINES	
18:25	2534	0	0	0	H2O	LOW PRESSURE TEST	
18:26	5165	0	0	0	H2O	HIGH PRESSURE TEST	
18:30	234	0	5.1	15	H2O	SPACER W/ DYE	
18:38	327	0	6.2	130	CMT	BATCH, WEIGH AND PUMP 13# SLURRY 403SX	
19:21	117	0	3.1	36	CMT	TAIL SLURRY 146SX	
19:35	0	0	0	0	N/A	SHUT DOWN AND DROP PLUG	
19:38	352	0	6	107	H2O	DISPLACEMENT	
20:14	0	0	0	0	H2O	BUMPED PLUG	
20:15	0	0	0	0	H2O	CHECKED FLOATS (GOOD)	
20:32	0	0	0	0	H2O	CASING TEST	
20:47	0	0	0	0	N/A	SHUT DOWN & RIG DOWN	
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	1238	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	55	258	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

## SURFACE





Rocky Mountain Area Laboratory  
899 Baseline Place  
Brighton, Colo.  
Phone (303) 659-7347  
Fax (303) 659-7401

***Rocky Mountain Area Laboratory***  
***CEMENTING REPORT***

*Prepared for:*  
***Carrizo Oil & Gas Inc***  
***Bringelson Ranch #13-20-9-58***  
***20-9N-58W***

***Proposal #:1001176757A***  
***Lab Report # C02-073-15***

***API #: 5123393700000***  
***Rig # Xtreme Coil 19***  
***9-5/8" Surface- FB***

***Rocky Mountain Area Laboratory***  
***899 Baseline Place***  
***Brighton, Colo.***  
***Phone (303) 659-7347***

***ANALYST: Margaret Windholz***

***BAKER HUGHES TECHNICAL REPRESENTATIVE***  
***Evan K Nolting***

***Submitted by: Matthew J Vahsholtz***  
***Reviewed by: Nicole Pacheco-Coulter***  
***February 16, 2015***



**CEMENTING LABORATORY REPORT**  
**Lab Report # C02-073-15**  
**Proposal #1001176757A**

COMPANY : Carrizo Oil & Gas Inc			DATE: February 16, 2015
WELL NAME: Bringelson Ranch #13-20-9-58			LOCATION: 20-9N-58W
DISTRICT: Brighton			TYPE JOB: 9-5/8" Surface- FB
API #:	5123393700000	RIG #:	Xtreme Coil 19
DEPTH MD/TVD(ft):	1450	1450. #	TOC(md):
CASING SIZE("/#):	9 5/8 in	36. #	BHST(°F): 109 °F
TUBING SIZE("/#):			BHCT(°F): 85 °F
			BHSqT(°F): 94 °F
HOLE SIZE("):	12 1/4 in		TOL (°F): Static Circ

**SLURRY DESIGN DATA**

#1	Lead Slurry: Premium Lite Cement + 6% Bentonite II + 3% Sodium Chloride + 3% Calcium Chloride + 0.25 pps Cello Flake + 0.5gps FP-6L + 0.04 pps Static Free
#2	Tail Slurry: Type III Cement + 0.25 pps Cello Flake + 1.5% Calcium Chloride + 0.04 pps Static Free + 0.5 gps 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 :			85 °F	85 °F	
Thickening Time: hrs:mins.			3:11	1:18	
Free Water: mls.					
Fluid Loss:ml/30min					
Compressive Strength:					
	hrs.				
	hrs.				
Rheologies	RPM	80 °F			
	300	43			
	200	39			
	100	34			
	60	32			
	30	30			
	6	21.6			
	3	17.4			
	600	57.4			
	PV	22			
	YP	25			
Gel Strength : #/100sq.ft.	10 sec.	16.7			
	10 min.	57.4			

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.

**CEMENTING LABORATORY REPORT****Lab Report # C02-073-15**

**Proposal #1001176757A**

**Rig # Xtreme Coil 19**

<b>COMPANY :</b>	<i>Carrizo Oil &amp; Gas Inc</i>	<b>DATE:</b>	<i>February 16, 2015</i>
<b>WELL NAME:</b>	<i>Bringelson Ranch #13-20-9-58</i>	<b>LOCATION:</b>	<i>20-9N-58W</i>
<b>DISTRICT:</b>	<i>Brighton</i>	<b>TYPE JOB:</b>	<i>9-5/8" Surface- FB</i>

[illegible]

Water Analysis			
Temp:	°F	Viscosity:	cP
pH:		Color:	
Specific Gravity:		Odor:	
S.G Corrected:		Turbidity	
Resistivity:	Ω-m	Filtrates:	

Cation:	mg/L	me/l	ppm
Sodium (calc.)			
Calcium			
Magnesium:			
Potassium			
Iron			

Anions:	mg/L	me/l	ppm
Chlorides			
Sulfates			
Hydroxide			
Carbonate			
Bicarbonate			

Summary	mg/L	me/l	ppm
Total Dissolved Solids (calc.)			
Total Hardness as CaCO3			

### Mud / Spacer Compatibility

Mud:

Spacer:

	VISCOMETER DIAL READING					
	600	300	200	100	6	3
100% Mud						
100% Spacer						
75% Mud - 25% Spacer						
50% Mud - 50% Spacer						
25% Mud - 75% Spacer						

Comments:



**Baker Hughes**  
**Rocky Mountain Area Laboratory Report**  
**Lab Report # C02-073-15**

**Customer/Well Information**

Company: Carrizo Oil & Gas Inc	Depth MD: 1,450 ft	Date: February 16, 2015
Well Name: Bringelson Ranch #13-20-3	Depth TVD: 1,450 ft	BHI Tech Rep: Evan K Nolting
API #: 05-123-39370-0000	TOC(md):	Started by: Nicole Pacheco-Coulter
Location: 20-9N-58W	Casing Size: 9.625 in, 36#	Finished by: Nicole Pacheco-Coulter
District: Brighton	Tubing Size:	Water Type: Fresh
Type Job: 9-5/8" Surface- FB	Hole Size: 12 1/4 in	Rig #: Xtreme Coil 19

BHST: 109 °F    BHCT: 85 °F    BHSqT: 94 °F

**Slurry Design Data**

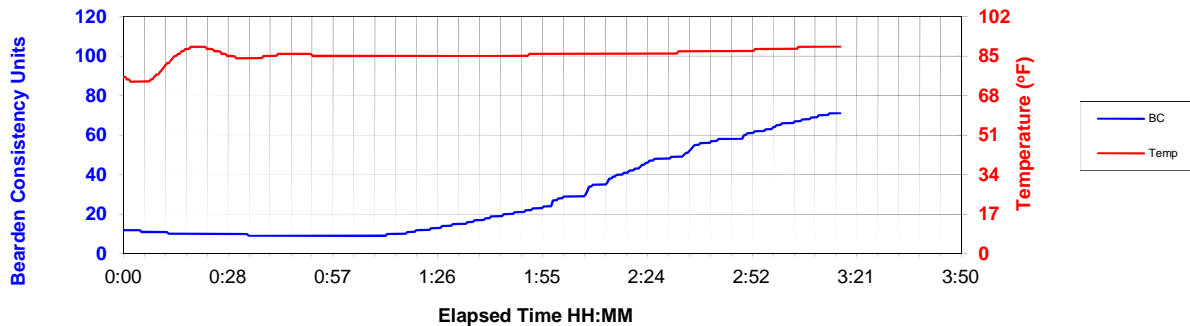
Lead Slurry: Premium Lite Cement + 6% Bentonite II + 3% Sodium Chloride + 3% Calcium Chloride + 0.25 pps Cello Flake + 0.5gps FP-6L + 0.04 pps Static Free

**Slurry Properties**

Density: 13.0 ppg	Fluid Loss:	Test Temp: 86 °F
Yield: 1.81 cf/sack	Free Water:	Time to 70bc: 3:11 hrs:min
Mix Water: 9.46 gps	Total Fluid:	Time to 100 bc:

Rheology:	600 rpm	300 rpm	200 rpm	100 rpm	60 rpm	30 rpm	6 rpm	3 rpm	PV	YP	Gel Strength	
@80 °F	57	43	39	34	32	30	22	17	22	25	10 sec	10 min
											17	57

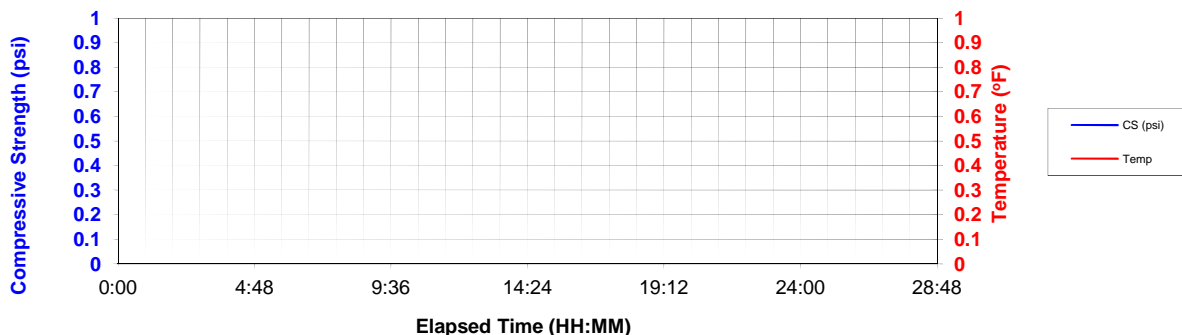
**Consistometer Recording of Bearden Consistency:**



**Compressive Strength Data:**

Temp.		12 hours	24 hours	36 hours	48 hours
	25 psi				

**Ultrasonic Cement Analyzer Data Chart:**



**Notice:** This report is presented in good faith based upon present day technology and information provided; but because of variable conditions and other information which must be relied upon, Baker Hughes makes no warranty, express or implied, as to the accuracy of the data or of any calculations or opinions expressed herein. You agree that Baker Hughes shall not be liable for any loss or damage, whether due to negligence or otherwise, arising out of or in connection with such data, calculations, or opinions.



# Baker Hughes Rocky Mountain Area Laboratory Report Lab Report # C02-073-15

## Customer/Well Information

Company: Carrizo Oil & Gas Inc	Depth MD: 1,450 ft	Date: February 16, 2015
Well Name: Bringelson Ranch #13-20-	Depth TVD: 1,450 ft	BHI Tech Rep: Evan K Nolting
API #: 05-123-39370-0000	TOC(md):	Started by: Margaret Windholz
Location: 20-9N-58W	Casing Size: 9.625 in, 36#	Finished by: Margaret Windholz
District: Brighton	Tubing Size:	Water Type: Fresh
Type Job: 9-5/8" Surface- FB	Hole Size: 12 1/4 in	Rig #: Xtreme Coil 19

BHST: 109 °F    BHCT: 85 °F    BHSqT: 94 °F

## Slurry Design Data

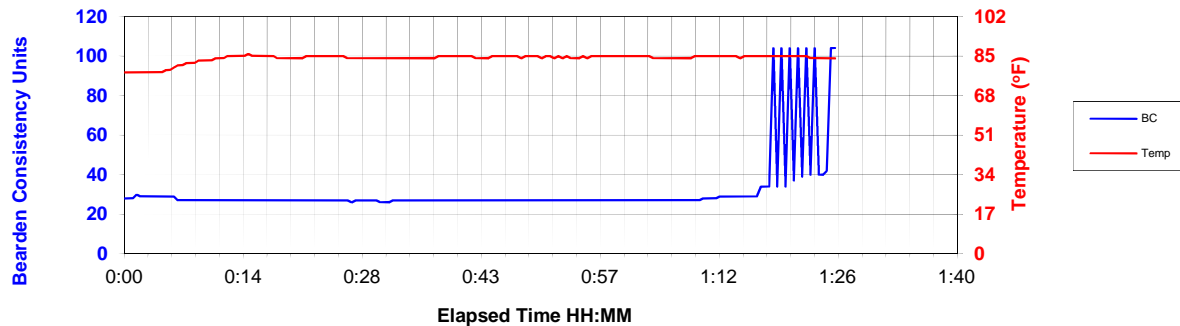
Tail Slurry: Type III Cement + 0.25 pps Cello Flake + 1.5% Calcium Chloride + 0.04 pps Static Free + 0.5 gps FP-6L

## Slurry Properties

Density: 14.5 ppg	Fluid Loss:	Test Temp: 85 °F
Yield: 1.41 cf/sack	Free Water:	Time to 70bc: 1:18 hrs:min
Mix Water: 6.82 gps	Total Fluid:	Time to 100 bc: 1:19 hrs:min

Rheology:	600 rpm	300 rpm	200 rpm	100 rpm	60 rpm	30 rpm	6 rpm	3 rpm	PV	YP	Gel Strength	
											10 sec	10 min

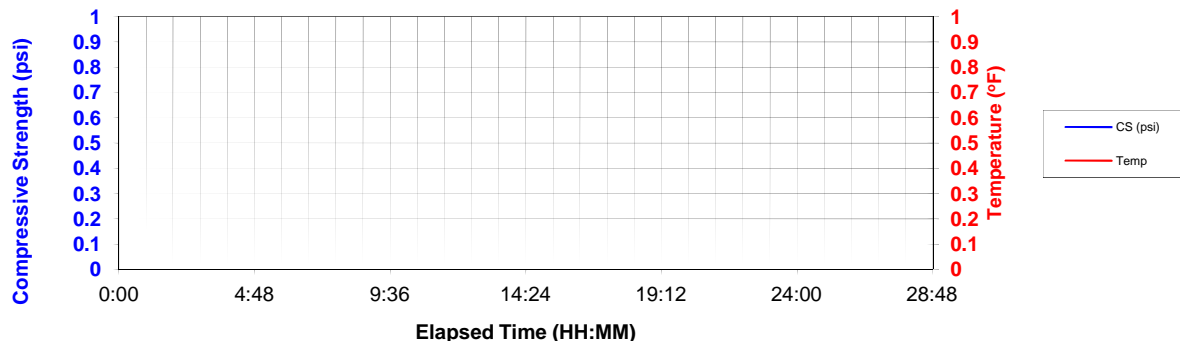
## Consistometer Recording of Bearden Consistency:



## Compressive Strength Data:

Temp.	12 hours	24 hours	36 hours	48 hours
25 psi				

## Ultrasonic Cement Analyzer Data Chart:



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FIELD RECEIPT NO. 10011139468

CUSTOMER CARRIZO OIL & GAS INC XML					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040003338 - 0040139823-1		INVOICE NUMBER		
MAIL INVOICE TO					STREET OR BOX NUMBER 500 DALLAS STREET, SUITE 2499			CITY Houston		STATE Texas		ZIP CODE 77063	
DATE WORK COMPLETED		MO. 02	DAY 18	YEAR 2015	BHI REPRESENTATIVE Zachary Fagg		WELL API NO: 05123393700000		WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 1,429			WELL CLASS : Oil					
WELL NAME AND NUMBER BRINGELSON RANCH #13-20-9-58					TD WELL DEPTH (ft) 1,449			GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 20-9N-58W			COUNTY/PARISH Weld		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	300	1.290	387.00	70%	116.10		
100112		Calcium Chloride				lbs	1258	1.290	1,622.82	73%	438.16		
100295		Cello Flake				lbs	138	5.100	703.80	73%	190.03		
100404		Sodium Chloride				lbs	100	0.520	52.00	70%	15.60		
100404		Sodium Chloride				lbs	954	0.520	496.08	73%	133.94		
398224		Premium Lite Cement				sacks	403	27.650	11,142.95	73%	3,008.60		
488019		FP-6L				gals	4	104.250	417.00	73%	112.59		
488449		Bentonite II				lbs	2104	0.440	925.76	73%	249.96		
499632		Granulated Sugar				lbs	100	3.840	384.00	73%	103.68		
499680		Static Free				lbs	20	40.700	814.00	73%	219.78		
499703		Type III Cement				sacks	246	31.700	7,798.20	73%	2,105.51		
		SUB-TOTAL FOR Product Material							24,743.61	72.95%	6,693.95		
ARRIVE LOCATION :		MO. 02	DAY 18	YEAR 2015	TIME 14:55	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 MYERS													
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT					CUSTOMER AUTHORIZED AGENT X			
								BHI APPROVED X					



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DATE WORK COMPLETED		MO. 02	DAY 18	YEAR 2015	BHI REPRESENTATIVE Zachary Fagg		WELL API NO: 05123393700000		WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 1,429			WELL CLASS : Oil					
WELL NAME AND NUMBER BRINGELSON RANCH #13-20-9-58					TD WELL DEPTH (ft) 1,449			GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 20-9N-58W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Surface				
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	840	5.450	4,578.00	73%	1,236.06		
R798		Automatic Density System				job	1	1,990.000	1,990.00	73%	537.30		
		SUB-TOTAL FOR Service Charges							6,778.00	70.74%	1,983.36		
F055A		Cement Pumping, 1001 - 2000 ft				4hrs	1	4,875.000	4,875.00	73%	1,316.25		
F088		Cement Pumping, Additional hrs				hrs	2	900.000	1,800.00	28%	1,296.00		
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	73%	224.10		
J225		Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	73%	575.10		
J390		Mileage, Heavy Vehicle				miles	196	11.850	2,322.60	73%	627.10		
J391		Mileage, Auto, Pick-Up or Treating Van				miles	196	6.700	1,313.20	73%	354.56		
		SUB-TOTAL FOR Equipment							13,692.30	64.84%	4,814.61		
ARRIVE LOCATION :		MO. 02	DAY 18	YEAR 2015	TIME 14:55	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 MYERS													
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS													
					CUSTOMER AUTHORIZED AGENT					CUSTOMER AUTHORIZED AGENT		X	
										BHI APPROVED		X	



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CUSTOMER CARRIZO OIL & GAS INC XML					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040003338 - 0040139823-1		INVOICE NUMBER	
MAIL INVOICE TO		STREET OR BOX NUMBER 500 DALLAS STREET, SUITE 2499				CITY Houston		STATE Texas		ZIP CODE 77063		
DATE WORK COMPLETED		MO. 02	DAY 18	YEAR 2015	BHI REPRESENTATIVE Zachary Fagg		WELL API NO: 05123393700000		WELL TYPE : New Well			
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 1,429		WELL CLASS : Oil					
WELL NAME AND NUMBER BRINGELSON RANCH #13-20-9-58					TD WELL DEPTH (ft) 1,449		GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 20-9N-58W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Surface			
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
J401		Bulk Delivery, Dry Products				ton-mi	3100	3.940	12,214.00	73%	3,297.78	
J402		Bulk Delivery, Standby Charge				hrs	2	226.500	453.00	28%	326.16	
J404		Bulk Delivery, Return of Unused Mtls				ton-mi	461	3.940	1,816.34	73%	490.41	
		SUB-TOTAL FOR Freight/Delivery Charges							14,483.34	71.59%	4,114.35	
		FIELD ESTIMATE							59,697.25	70.51%	17,606.27	
ARRIVE LOCATION :		MO. 02	DAY 18	YEAR 2015	TIME 14:55	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 MYERS					CUSTOMER AUTHORIZED AGENT X							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					BHI APPROVED X							
					CUSTOMER AUTHORIZED AGENT							