

# CEMENT JOB REPORT



<b>CUSTOMER</b> CARRIZO OIL & GAS		<b>DATE</b> 21-MAR-12		<b>F.R. #</b> 1001896143		<b>SERV. SUPV.</b> RYAN R STEVENS							
<b>LEASE &amp; WELL NAME</b> Bringelson Ranch 1-34-41-9-58		<b>LOCATION</b>		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado									
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Xtreme Coil #19		<b>TYPE OF JOB</b> Intermediate									
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>						
7" Bot Cem Plug, Nitrile cvr, Phen		Float Collar, AI Flap, 7 - 8rd											
7" Top Cem Plug, Nitrile cvr, Phen		Float Shoe 7 - 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>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>			
Drilling Mud + Biocide				0	9.5	0	0	00:00	0				
Fresh Water				0	8.33	0	0	00:00	10				
SealBond Spacer				0	8.4	0	0	00:00	40				
Premium Lite Cement + adds				317	12.5	1.94	10.65	00:00	109.63	80.35			
50/50 (Poz / Class G Cement) + adds				154	13.5	1.71	8.30	00:00	46.98	30.44			
Drilling Mud				0	9.5	0	0	00:00	221				
Available Mix Water		400 Bbl.		Available Displ. Fluid		400 Bbl.		<b>TOTAL</b>		427.61 110.79			
<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>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>	
8.75	0	5726	6.366	7	23	CSG	5674	5551	P-110	5716	5626	0	
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>			<b>TOP CONN</b>		<b>WELL FLUID</b>		
<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>WGT.</b>	
8.9	9.63	36	CSG	1430	1430	No Liner		0	0	7	8RD	9.5	
<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>MAX CSG PSI</b>		<b>MIX WATER</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>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>			
221.5	BBLS	Drilling Mud	9.5	698	0	0	0	0	5072	3000	Rig Tank		
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1.5				Circulation Rate: 6 BPM					
Mud Density In: 9.5 LBS/GAL Mud Density Out: 9.5 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"/>									
<b>Displacement And Mud Removal</b>													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 3 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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: 51				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													
<b>Plugs</b>													
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					
<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: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 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

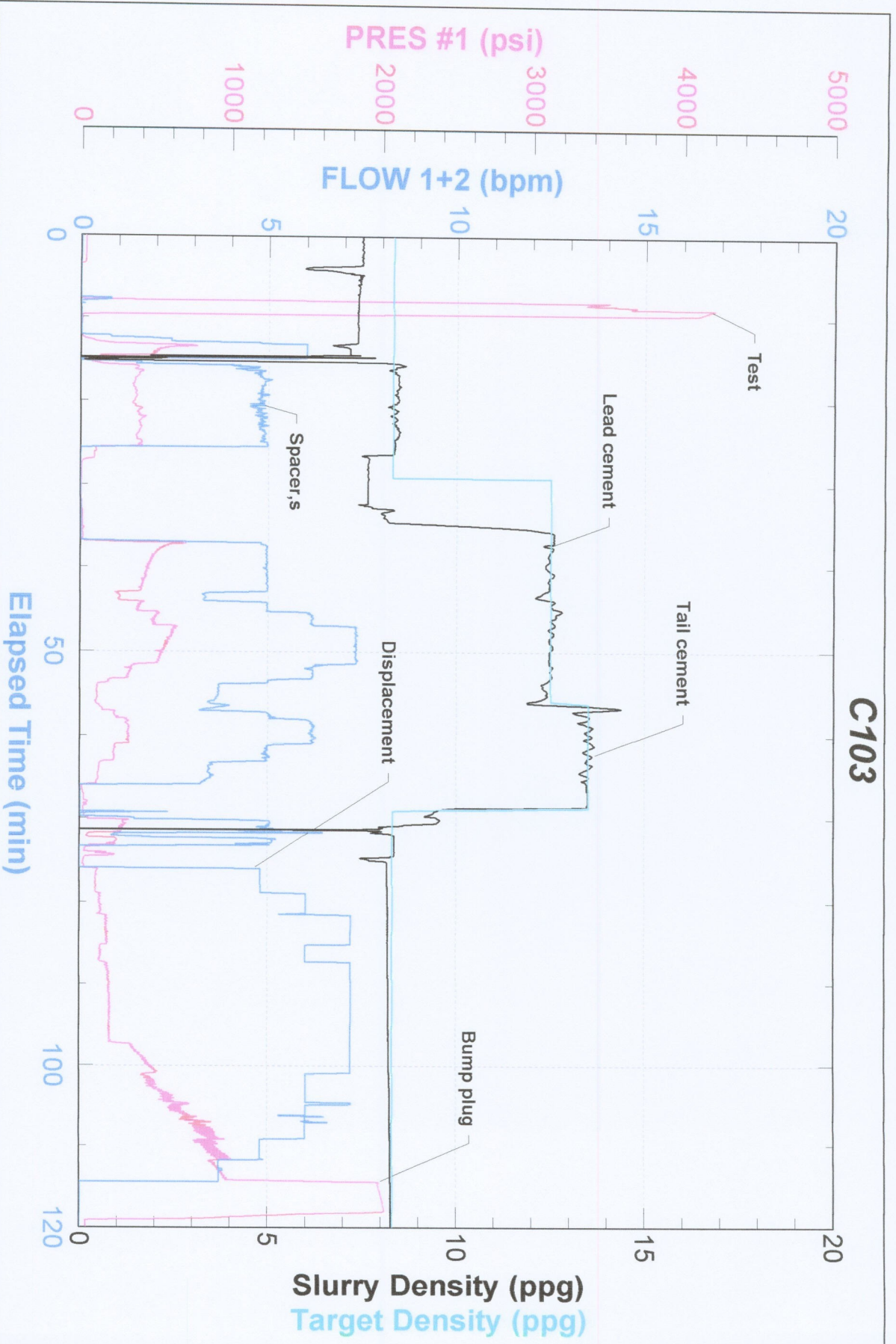
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>		
	PIPE	ANNULUS				TEST LINES	4206 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
20:02	0	0	0	0	N/A	Time arrived on location ( 96 Miles) rig was ready to cement		
20:03	0	0	0	0	N/A	Spot trucks		
20:04	0	0	0	0	N/A	Pre rig up safety meeting		
22:13	0	0	0	0	N/A	Pre job safety meeting		
22:22	4206	0	0	0	WATER	Pressure test		
22:27	563	0	6	10	WATER	Fresh water		
22:29	481	0	4.7	40	SEAL BON	Seal bond spacer		
22:46	0	0	0	0	N/A	Drop Bottom PLug		
22:51	613	0	7.2	106	CEMENT	Batch up weigh and pump 312 SXS of PLC + 0.25% Cello Flake + 0.4% FL-52 + 6% Bentonite @ 12.5 PPG		
23:08	302	0	6	45	CEMENT	Batch up, weigh and pump 154 SXS of 50/50 Poz:G + 0.4% FL-52 + 3% Bentonite + 0.1% SMS + 20 % S-8 @ 13.5 PPG		
23:20	0	0	0	0	N/A	Drop top plug		
23:32	493	0	7.2	150	MUD	Start displacement with drilling mud		
23:53	856	0	6	50	MUD	Drop rate		
00:03	948	0	4.8	10	MUD	Drop rate		
00:05	1187	0	3.7	10	MUD	Drop rate		
00:08	1915	0	3.7	220	MUD	Bump Plug		
00:13	0	0	0	0	N/A	Check floats		
00:14	0	0	0	0	N/A	Pre rig down safety meeting		
01:15	0	0	0	0	N/A	Time off 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	1915	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	421	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





BJ Services JobMaster Program Version 3.50  
Job Number: 1001896143  
Customer: Carrizo  
Well Name: Bringelson 1-34-41-9-59





FIELD RECEIPT NO. 1001896143



<b>CUSTOMER</b>		CARRIZO OIL & GAS		<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b>		<b>INVOICE NUMBER</b>	
<b>MAIL</b>		STREET OR BOX NUMBER		<b>CITY</b>		<b>STATE</b>		<b>ZIP CODE</b>			
<b>INVOICE TO :</b>		1000 LOUISIANA ST, STE 1699		Houston		Texas		77002			
<b>DATE WORK COMPLETED</b>		<b>MO.</b>	<b>DAY</b>	<b>YEAR</b>	<b>BHI REPRESENTATIVE</b>		<b>WELL API NO:</b>		<b>WELL TYPE:</b>		
03 21 2012		RYAN R STEVENS						New Well			
<b>DISTRICT</b>		BJS, BRIGHTON		<b>JOB DEPTH (ft)</b>		<b>WELL CLASS:</b>		<b>GAS USED ON JOB:</b>			
				5,716		Oil		No Gas			
<b>WELL NAME AND NUMBER</b>		Bringleison Ranch 1-34-41-9-58		<b>TD WELL DEPTH (ft)</b>		<b>STATE</b>		<b>JOB TYPE CODE:</b>			
				5,726		Colorado		Intermediate			
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b>		<b>COUNTY/PARISH</b>		<b>STATE</b>		<b>JOB TYPE CODE:</b>			
				Weid		Colorado					
<b>PRODUCT CODE</b>	<b>DESCRIPTION</b>			<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>		
100021	Class G Cement			sacks	77	31.800	2,448.60	65%	857.01		
100120	Bentonite			lbs	<del>2044</del> 2,043	0.530	1,083.32	65%	379.16		
100121	Silica Flour			lbs	2588	0.590	1,526.92	65%	534.42		
100275	Sodium Metasilicate			lbs	13	4.100	53.30	65%	18.66		
100295	Cello Flake			lbs	69	5.100	351.90	65%	123.17		
100317	Poz (Fly Ash)			sacks	77	14.200	1,093.40	65%	382.69		
398224	Premium Lite Cement			sacks	317	27.650	8,765.05	65%	3,067.77		
398416	SealBond Spacer (w/ 30lb pail)			bbbs	40	277.200	11,088.00	65%	3,880.80		
488015	FL-52			lbs	163	26.900	4,384.70	65%	1,534.65		
488019	FP-6L			gals	4	104.250	417.00	65%	145.95		
488252	Magnacide 575			gals	3	307.000	921.00	65%	322.35		
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							35,355.19	65.00%	12,374.33		

**ARRIVE** MO. DAY YEAR TIME  
**LOCATION :** 03 20 2012 21:07  
**CUSTOMER REP.** Ryan Dornak

**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.**

**SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS**

**CUSTOMER AUTHORIZED AGENT**

X BHI APPROVED



FIELD RECEIPT NO. 1001896143



CUSTOMER		CARRIZO OIL & GAS		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO :		1000 LOUISIANA ST. STE 1699		Houston		Texas		77002			
DATE WORK COMPLETED		MO.	DAY	YEAR	BH REPRESENTATIVE	WELL API NO.		WELL TYPE :			
03 21 2012		RYAN R STEVENS						New Well			
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :		Oil			
WELL NAME AND NUMBER		Bringelson Ranch 1-34-41-9-58		TD WELL DEPTH (ft)		GAS USED ON JOB :		No Gas			
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :			
		Weid		Colorado		Intermediate					
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	592	5.450	3,226.40	65%	1,129.24				
R798	Automatic Density System	job	1	1,990.000	1,990.00	65%	696.50				
			SUB-TOTAL FOR Service Charges		5,426.40	62.48%	2,035.74				
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	4	70.250	281.00	0%	281.00				
J050	Cement Head	job	1	830.000	830.00	65%	290.50				
J390	Mileage, Heavy Vehicle	miles	192	11.850	2,275.20	65%	796.32				
J391	Mileage, Auto, Pick-Up or Treating Van	miles	192	6.700	1,286.40	65%	450.24				
			SUB-TOTAL FOR Equipment		11,997.60	63.48%	4,381.81				
J401	Bulk Delivery, Dry Products	ton-mi	2242	3.940	8,833.48	65%	3,091.72				
			SUB-TOTAL FOR Freight/Delivery Charges		8,833.48	65.00%	3,091.72				
			FIELD ESTIMATE		61,612.67	64.48%	21,883.60				

DRLG <input checked="" type="checkbox"/>	PROD <input type="checkbox"/>	COMP <input type="checkbox"/>	WO <input type="checkbox"/>
Well: Bringelson Ranch 1-34-41-9-58	AMT \$ 21,883.60		
AFF: 311166	Code: 160.110		
Description: Intermediate Cement			
Signature: [Signature]			