

# CEMENT JOB REPORT



<b>CUSTOMER</b> CARRIZO OIL & GAS INC XML				<b>DATE</b> 07-FEB-13		<b>F.R. #</b> 1001964004		<b>SERV. SUPV.</b> RYAN SULLIVAN					
<b>LEASE &amp; WELL NAME</b> BRINGELSON RANCH #3-33-9-58 - API 0512336331				<b>LOCATION</b> 33-9N-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>		
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Centralizer, with Pins, 9-5/8 in											
		Float Shoe 9-5/8 - 8rd											
		Float Collar, Ball Valve, 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>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>	
Fresh Water + 2 lbs Red Dye				N/A		0	8.34	0	0	00:00	10		
Type III Cement + adds				C02-040-13		138	14.5	1.40	6.81		34.4	22.33	
Premium Lite Cement + adds				C02-040-13		403	13	1.77	9.20		127	88.38	
Fresh Water				N/A		0	8.34	0	0	00:00	105.9		
FreshWater				N/A		0	8.34	0	0	00:00	10		
<b>Available Mix Water</b> 300 <b>Bbl.</b>				<b>Available Displ. Fluid</b> 300 <b>Bbl.</b>				<b>TOTAL</b>		287.3		110.71	
<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>	
12.25	100	1445	8.921	9.625	36	CSG	1414	1414	J-55	1414	1370	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>TYPE</b>	<b>WGT.</b>
15.	16	65		70	70	No Packer	0	0	0	9.625	8RD	WATER BASED	8.4
<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>			
105.9	BBLS	Fresh Water	8.34	372	0	0	0	0	2816	2000	Rig		
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: .5			Circulation Rate: 3 BPM				
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL						PV & YP Mud In: 2			PV & YP Mud Out: 2				
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: .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"/> RECIPROICATION <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		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:</b> Rig had issues keeping circulation and then getting casing to bottom													

# 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

Circulation was maintained during cement and casing was set 15' higher than originally planned.

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 3295 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
17:25	0	0	0	0	N/A	Arrive on location, 95 miles, rig getting ready to start casing	
20:20	0	0	0	0	N/A	Spot trucks on location, pre-rig up safety meeting	
21:05	0	0	0	0	N/A	Ground rig-up complete	
21:05	0	0	0	0	N/A	Rig trying to circulate casing, no returns	
08:30	0	0	0	0	N/A	Pre-job safety meeting	
09:10	1200	0	0	0	WATER	Low pressure test	
09:14	3295	0	0	0	WATER	High pressure test	
09:16	139	0	4.8	10	WATER	Freshwater spacer	
09:21	149	0	4.8	10	WATER	Dyed water spacer	
09:27	146	0	4.4	123	CEMENT	Batch-up, weigh, & pump 403 sx PLC + adds @ 13 ppg	
09:57	56	0	2.8	32	CEMENT	Mix & pump 138 sx Type III cement + adds @ 14.5 ppg	
10:13	0	0	0	0	N/A	Release plug	
10:17	103	0	4.7	95	WATER	Displace	
10:38	341	0	2.3	10.8	WATER	Rate change	
10:43	499	0	2.3	105.8	WATER	Bump plug to 1036 psi, 0.5 bbls bled back, floats held, 40 bbls cement to surface	
10:50	0	0	0	0	N/A	Pre-rig down safety meeting	
11:40	0	0	0	0	N/A	Leave location	
<b>BUMPED PLUG</b>	<b>PSI TO BUMP PLUG</b>	<b>TEST FLOAT EQUIP.</b>	<b>BBL.CMT RETURNS/ REVERSED</b>	<b>TOTAL BBL. PUMPED</b>	<b>PSI LEFT ON CSG</b>	<b>SPOT TOP OUT CEMENT</b>	<b>Service Supervisor Signature:</b>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	499	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	40	280.8	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

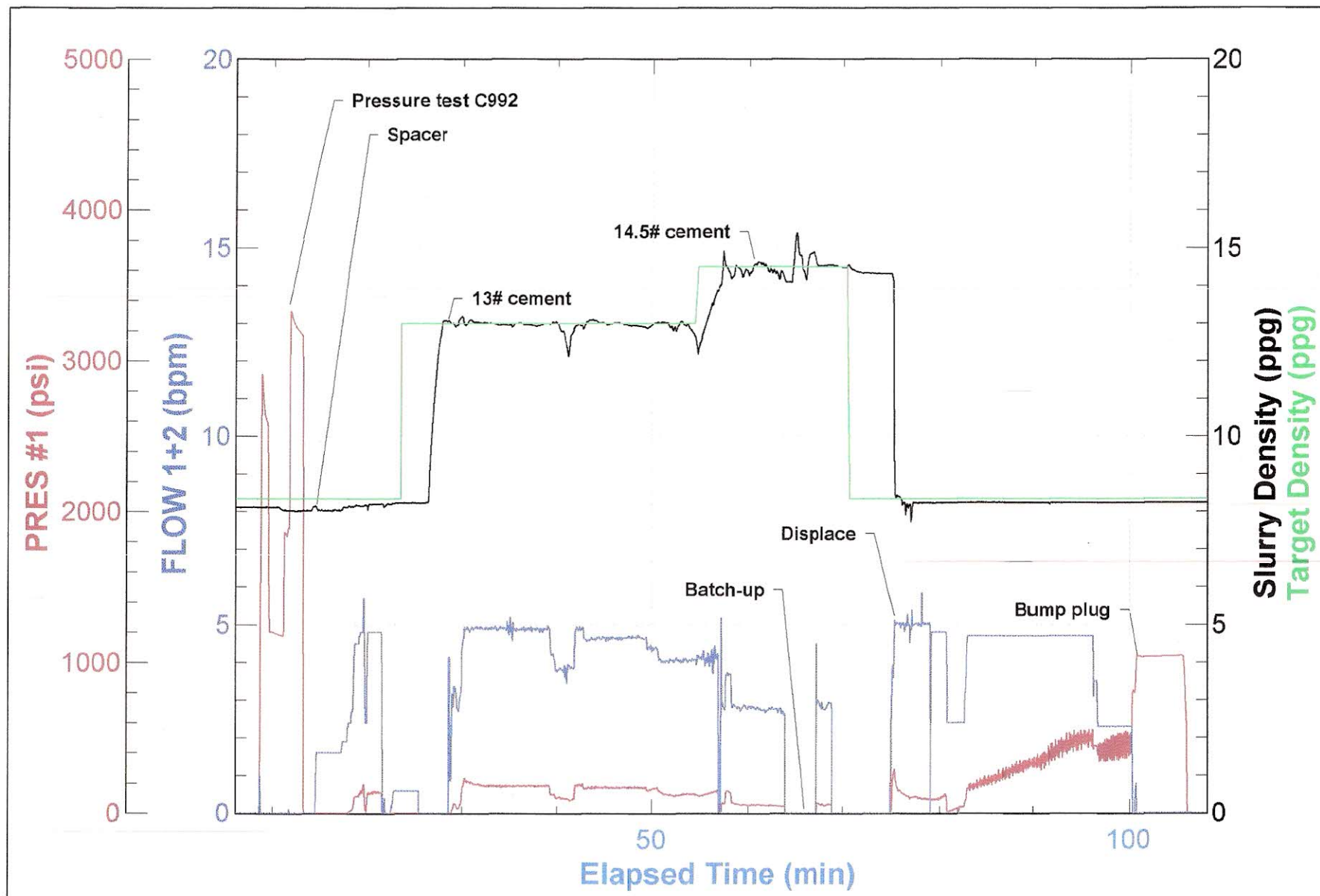


# Baker Hughes JobMaster Program Version 3.60

Job Number: 1001964004

Customer: Carrizo

Well Name: Bringelson Ranch #3-33-9-58





FIELD RECEIPT NO. 1001964004

<b>CUSTOMER</b> CARRIZO OIL & GAS INC XML					<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20015134 - 0040139823-2		<b>INVOICE NUMBER</b> 1855870		
<b>MAIL INVOICE TO</b>		<b>STREET OR BOX NUMBER</b> 500 DALLAS STREET, SUITE 2499				<b>CITY</b> Houston		<b>STATE</b> Texas		<b>ZIP CODE</b> 77063			
<b>DATE WORK COMPLETED</b>	<b>MO.</b> 02	<b>DAY</b> 07	<b>YEAR</b> 2013	<b>BHI REPRESENTATIVE</b> RYAN SULLIVAN		<b>WELL API NO:</b> 05123363310000		<b>WELL TYPE :</b> New Well					
<b>DISTRICT</b> BJS, BRIGHTON					<b>JOB DEPTH (ft)</b> 1,414		<b>WELL CLASS :</b> Oil						
<b>WELL NAME AND NUMBER</b> BRINGELSON RANCH #3-33-9-58					<b>TD WELL DEPTH (ft)</b> 1,445		<b>GAS USED ON JOB :</b> No Gas						
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> 33-9N-58W			<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Surface				
<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>		
100112	Calcium Chloride					lbs	1182	1.290	1,524.78	65%	533.67		
100112	Calcium Chloride					lbs	300	1.290	387.00	100%	0.00		
100120	Bentonite					lbs	2104	0.530	1,115.12	65%	390.29		
100295	Cello Flake					lbs	136	5.100	693.60	65%	242.76		
100404	Sodium Chloride					lbs	100	0.520	52.00	100%	0.00		
398224	Premium Lite Cement					sacks	403	27.650	11,142.95	65%	3,900.03		
499632	Granulated Sugar					lbs	100	3.840	384.00	65%	134.40		
499680	Static Free					lbs	39	40.700	1,587.30	65%	555.56		
499703	Type III Cement					sacks	138	31.700	4,374.60	65%	1,531.11		
	SUB-TOTAL FOR Product Material								21,261.35	65.72%	7,287.82		
A152	Personnel Per Diem Chrg - Cement Svc					ea	2	210.000	420.00	0%	420.00		
M100	Bulk Materials Blending Charge					cu ft	618	5.450	3,368.10	65%	1,178.84		
R798	Automatic Density System					job	1	1,990.000	1,990.00	65%	696.50		
	SUB-TOTAL FOR Service Charges								5,778.10	60.28%	2,295.34		
<b>ARRIVE LOCATION :</b>		<b>MO.</b> 02	<b>DAY</b> 06	<b>YEAR</b> 2013	<b>TIME</b> 17:25	<b>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.</b>					<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>		
<b>CUSTOMER REP.</b> Bob McNeese					<b>CUSTOMER AUTHORIZED AGENT</b>  <b>BHI APPROVED</b>					<b>X</b>			
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>										<b>X</b>			
					<b>CUSTOMER AUTHORIZED AGENT</b>								



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DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 1,414		WELL CLASS : Oil						
WELL NAME AND NUMBER BRINGELSON RANCH #3-33-9-58				TD WELL DEPTH (ft) 1,445		GAS USED ON JOB : No Gas						
WELL LOCATION :		LEGAL DESCRIPTION 33-9N-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		
F055A	Cement Pumping, 1001 - 2000 ft				4hrs	1	4,875.000	4,875.00	65%	1,706.25		
F088	Cement Pumping, Additional hrs				hrs	14	900.000	12,600.00	65%	4,410.00		
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		
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	65%	745.50		
J390	Mileage, Heavy Vehicle				miles	190	11.850	2,251.50	65%	788.03		
J391	Mileage, Auto, Pick-Up or Treating Van				miles	190	6.700	1,273.00	65%	445.55		
	SUB-TOTAL FOR Equipment							24,240.50	64.25%	8,666.83		
J401	Bulk Delivery, Dry Products				ton-mi	2470	3.940	9,731.80	65%	3,406.13		
	SUB-TOTAL FOR Freight/Delivery Charges							9,731.80	65%	3,406.13		
	FIELD ESTIMATE							61,011.75	64.51%	21,656.12		
ARRIVE LOCATION :	MO. 02	DAY 06	YEAR 2013	TIME 17:25	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. Bob McNeese					CUSTOMER AUTHORIZED AGENT					X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										X		
					CUSTOMER AUTHORIZED AGENT							