



Field Receipt: 1001731056

## CEMENT POST JOB REPORT

**Carrizo Oil & Gas**  
**State 36-24-9-61 - Surface**  
**Wattenberg Field**  
**Weld County**  
**Colorado**  
API # 05-123-32318-0000  
Treatment Date 12/9/10



# CEMENT JOB REPORT

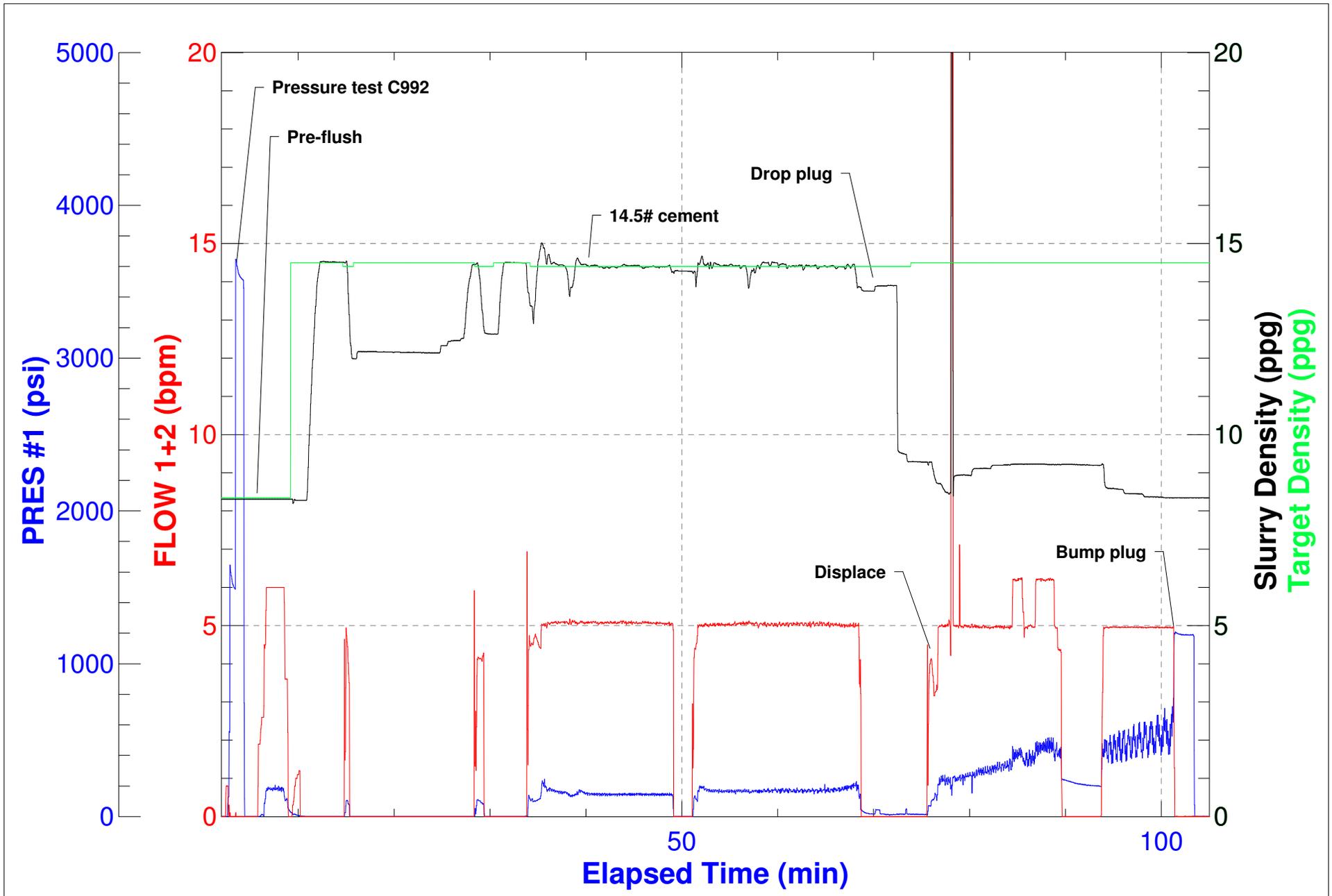


<b>CUSTOMER</b> Carrizo Oil & Gas		<b>DATE</b> 09-DEC-10	<b>F.R. #</b> 1001731056		<b>SERV. SUPV.</b> RYAN SULLIVAN							
<b>LEASE &amp; WELL NAME</b> STATE #36-24-9-61 - API 05123323180000		<b>LOCATION</b> 36-9N-61W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado							
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Xtreme 15			<b>TYPE OF JOB</b> Surface							
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>			<b>PHYSICAL SLURRY PROPERTIES</b>							
Cement Plug, Rubber, Top 9-5/8 in		Centralizer, with Pins, 9-5/8 in			<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>	
		Float Collar, Auto Fill, 9-5/8 - 8rd										
<b>MATERIALS FURNISHED BY BJ</b>												
Fresh Water					0	8.34	0	0	00:00	10		
Fresh Water + 2lb. Red Dye					0	8.34	0	0	00:00	15		
Type III + Additives					686	14.5	1.40	6.81	02:00	171.1	111.20	
Drilling Mud					0	8.4	0	0	00:00	95.6		
Available Mix Water <u>250</u> Bbl.		Available Displ. Fluid <u>300</u> Bbl.			<b>TOTAL</b>				291.7	111.20		
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>					
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>SIZE</b>	<b>WGT.</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>		
12.25	0	1410	9.625	36	CSG	1410	J-55	1410	1366		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>SIZE</b>	<b>WGT</b>	<b>TYPE</b>	<b>DEPTH</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>
20	104.1		80	No packer		0	0	0	9.625	8RD	WATER BASED MU	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>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>		
105.6	BBLS	Fresh Water		8.34	433	0	0	0	0	2816	1000	Rig
		Drilling Mud		8.4								

**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 3669 PSI				
							CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				
08:35	0	0	0	0	N/A		Pre-rig up safety meeting				
09:45	0	0	0	0	N/A		Pre-job safety meeting				
09:55	1630	0	0	0	WATER		Low pressure test				
09:56	3669	0	0	0	WATER		High pressure test				
09:58	180	0	6	15	WATER		Dyed water spacer				
10:06	139	0	5.1	170	CEMENT		Batch-up, weigh, & pump 686 sx of Type III + 0.08 lbs/sk Static Free + 1% CaCl + 0.15 lbs/sk Cello Flake @ 14.5 ppg				
11:02	0	0	0	0	N/A		Drop plug				
11:09	246	0	5	40	MUD		Displace - first 10 freshwater, remainder mud				
11:19	405	0	6.2	30	MUD		Rate change				
11:25	489	0	5	36	MUD		Rate change				
11:34	494	0	5	106	MUD		Bump plug				
11:34	1193	0	0	0	N/A		Plug down @ 106 bbls				
11:38	0	0	0	0	N/A		Pre-rig down safety meeting				

<b>BUMPED PLUG</b> <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<b>PSI TO BUMP PLUG</b> 494	<b>TEST FLOAT EQUIP.</b> <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<b>BBL.CMT RETURNS/ REVERSED</b> 75	<b>TOTAL BBL. PUMPED</b> 291	<b>PSI LEFT ON CSG</b> 0	<b>SPOT TOP OUT CEMENT</b> Y <input checked="" type="checkbox"/> N	<b>SERVICE SUPERVISOR SIGNATURE:</b>  
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# BJ Services Company



FIELD RECEIPT NO. **1001731056**

<b>CUSTOMER</b> Carrizo Oil & Gas					<b>CREDIT APPROVAL NO.</b> A10011303682		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20015134 - 00250300		<b>INVOICE NUMBER</b> 1713847		
<b>MAIL INVOICE TO</b>			<b>STREET OR BOX NUMBER</b> 1000 Louisiana Street Suite 1699				<b>CITY</b> Houston		<b>STATE</b> Texas		<b>ZIP CODE</b> 77002		
<b>DATE WORK COMPLETED</b>		<b>MO.</b> 12	<b>DAY</b> 09	<b>YEAR</b> 2010	<b>BJ SERVICES REPRESENTATIVE</b> RYAN SULLIVAN		<b>WELL API NO:</b> 05123323180000		<b>WELL TYPE :</b> New Well				
<b>BJ SERVICES DISTRICT</b> Brighton					<b>JOB DEPTH (ft)</b> 1,410			<b>WELL CLASS :</b> Gas					
<b>WELL NAME AND NUMBER</b> STATE #36-24-9-61					<b>TD WELL DEPTH (ft)</b> 1,410			<b>GAS USED ON JOB :</b> No Gas					
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> 36-9N-61W			<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Surface				
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT			
100112	Calcium Chloride				lbs	645	1.220	786.90	50%	393.45			
100295	Cello Flake				lbs	104	4.850	504.40	50%	252.20			
488019	FP-6L				gals	4	99.250	397.00	50%	198.50			
499632	Granulated Sugar				lbs	100	3.490	349.00	50%	174.50			
499680	Static Free				lbs	55	38.700	2,128.50	50%	1,064.25			
499703	Type III Cement				sacks	686	29.600	20,305.60	50%	10,152.80			
	SUB-TOTAL FOR Product Material							24,471.40	50%	12,235.70			
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	161.500	161.50	0%	161.50			
M100	Bulk Materials Service Charge				cu ft	710	4.170	2,960.70	50%	1,480.35			
	SUB-TOTAL FOR Service Charges							3,122.20	47.41%	1,641.85			
<b>ARRIVE LOCATION :</b>		<b>MO.</b> 12	<b>DAY</b> 09	<b>YEAR</b> 2010	<b>TIME</b> 08:10	<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> Jack Calame					<b>CUSTOMER AUTHORIZED AGENT</b>								X
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>					<b>CUSTOMER AUTHORIZED AGENT</b>					<b>BJ SERVICES APPROVED</b>		X	

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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
F055A	Cement Pumping, 1001 - 2000 ft				4hrs	1	4,050.000	4,050.00	50%	2,025.00	
J050	Cement Head				job	1	635.000	635.00	50%	317.50	
J225	Data Acquisition, Cement, Standard				job	1	1,635.000	1,635.00	50%	817.50	
J390	Mileage, Heavy Vehicle				miles	160	9.100	1,456.00	50%	728.00	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	160	5.150	824.00	50%	412.00	
	SUB-TOTAL FOR Equipment							8,600.00	50%	4,300.00	
J401	Bulk Delivery, Dry Products				ton-mi	2620	3.030	7,938.60	50%	3,969.30	
	SUB-TOTAL FOR Freight/Delivery Charges							7,938.60	50%	3,969.30	
	FIELD ESTIMATE							44,132.20	49.82%	22,146.85	
<b>ARRIVE LOCATION :</b> 12   09   2010   08:10		<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>				
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