

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS		DATE 16-APR-12	F.R. # 1001902295	SERV. SUPV. COLE W MARRIOTT											
LEASE & WELL NAME WCR100 GROUP 14-11-8-61 - API 05123343560000		LOCATION 14-8N-61W		COUNTY-PARISH-BLOCK Weld Colorado											
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme #19		TYPE OF JOB Surface											
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD	TVD					
9-5/8" Top Cem Plug, Nitrile cvr, Phc		Float Collar, Dif Fill, 9-5/8 - 8rd													
9-5/8" Bot Cem Plug, Nitrile cvr, Phc		Float Shoe/Circ Dif 9-5/8 - 8rd													
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER					
Fresh Water + 2 lbs Red Dye		0		0	8.34	0	0	00:00	15						
Type III Cement + adds		0		138	14.5	1.40	6.81	01:30	34.45	22.37					
Premium Lite + adds		0		417	13	1.77	9.20		131.26	91.34					
Fresh Water		0		0	8.34	0	0	00:00	108						
Available Mix Water 800 Bbl.		Available Displ. Fluid 300 Bbl.		TOTAL					288.71	113.71					
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
12.25	100	1450	8.921	9.625	36	CSG	1436	1436	J-55	1436	1392	0			
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID				
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.		
15.	16	65	CSG	70	70	No packer	0	0	0	9.625	8RD	WATER BASED	8.5		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator				
107.6	BBLS	Fresh Water		8.34	383	0	0	0	0	2816	1000	Rig tank			
Circulation Prior to Job															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 5 BPM							
Mud Density In: 8.5 LBS/GAL				Mud Density Out: 8.5 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"/>							
Displacement And Mud Removal															
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 1.6 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: 10				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															
Plugs															
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							
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: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes							
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None															
PRESSURE/RATE DETAIL							EXPLANATION								

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)
 N/A

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 N/A

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 N/A

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	3581 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
16:00	0	0	0	0	N/A	Arrive on location 72 miles	
20:30	0	0	0	0	N/A	Spot trucks/ rig just finished casing	
20:35	0	0	0	0	N/A	Pre rig up safety meeting	
20:50	0	0	0	0	N/A	Pre job safety meeting	
21:09	3581	0	0	0	H2O	Pressure test	
21:11	52	0	4.8	10	H2O	Dyed spacer	
21:15	121	0	4.8	130	CMT	Batch up weigh and pump 417 sxs of PLC + 0.08% bwoc Static Free + 3% Calcium Chloride + 0.25%lbs/sack Cello Flake + 6% Bwoc Gel	
21:47	61	0	4.1	34	CMT	Batch up weigh and pump 138 sxs of Type III Cement + 0.08% lbs/sack Static Free + 1% Calcium Chloride + 0.25 lbs/sack Cello Flake	
21:57	0	0	0	0	N/A	Drop plug	
22:00	389	0	4.8	100	H2O	Displacement	
22:19	416	0	3.6	7	H2O	Slow rate	
22:22	421	0	3.6	0	H2O	Bump plug	
22:22	893	0	0	0	H2O	Plug down	

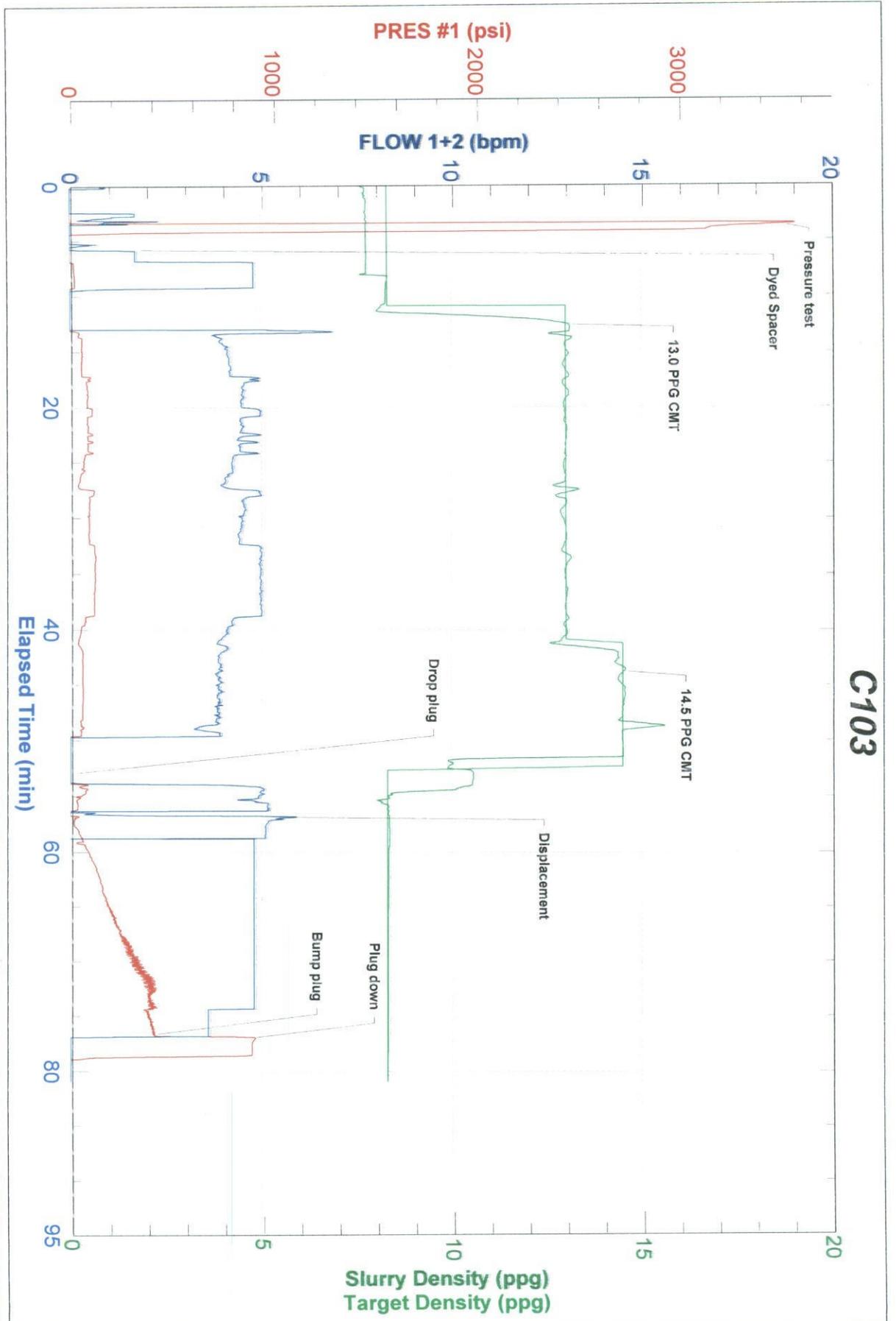
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
<input type="checkbox"/> Y <input type="checkbox"/> N	421	<input type="checkbox"/> Y <input type="checkbox"/> N	75	281	0	<input type="checkbox"/> Y <input type="checkbox"/> N	

Kevin Banded



BJ Services JobMaster Program Version 3.50
Job Number: Carrizo
Customer: Carrizo
Well Name: WCR 100 Group 14-11-8-61

C103





FIELD RECEIPT NO. 1001902295

CUSTOMER CARRIZO OIL & GAS CREDIT APPROVAL NO. PURCHASE ORDER NO. CUSTOMER NUMBER 20015134 - 00250300 INVOICE NUMBER

MAIL STREET OR BOX NUMBER 1000 LOUISIANA ST. STE 1699 CITY Houston STATE Texas ZIP CODE 77002

INVOICE TO DATE WORK MO. DAY YEAR BHI REPRESENTATIVE WELL API NO: WELL TYPE: 04 16 2012 COLE W MARRIOTT 05123343560000 New Well

COMPLETED DISTRICT JOB DEPTH(ft) WELL CLASS: 1,436 Oil

WELL NAME AND NUMBER TD WELL DEPTH(ft) GAS USED ON JOB: WCR100 GROUP 14-1-8-61 1,450 No Gas

WELL LEGAL DESCRIPTION COUNTY/PARISH STATE JOB TYPE CODE: 14-8N-61W Weld Colorado Surface

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100112	Calcium Chloride	lbs	1219	1.290	1,572.51	65%	550.38
100120	Bentonite	lbs	2177	0.530	1,153.81	65%	403.83
100295	Cello Flake	lbs	140	5.100	714.00	65%	249.90
398224	Premium Lite Cement	sacks	417	27.650	11,530.05	65%	4,035.52
488019	FP-6L	gals	5	104.250	521.25	65%	182.44
499632	Granulated Sugar	lbs	100	3.840	384.00	65%	134.40
499680	Static Free	lbs	45	40.700	1,831.50	65%	641.03
499703	Type III Cement	sacks	138	31.700	4,374.60	65%	1,531.11
86720-1	9-5/8" Top Cem Plug, Nitrite cvr, Phen	ea	1	404.000	404.00	65%	141.40
			SUB-TOTAL FOR Product Material		22,485.72	65.00%	7,870.01
A152	Personnel Per Diem Chng - Cement Svc	ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge	cu ft	626	5.450	3,411.70	65%	1,194.10
R798	Automatic Density System	job	1	1,990.000	1,990.00	65%	696.50
			SUB-TOTAL FOR Service Charges		5,611.70	62.57%	2,100.60

ARRIVE MO. DAY YEAR TIME 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.

CUSTOMER REP. Kevin Barnhill CUSTOMER AUTHORIZED AGENT X BHI APPROVED

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS CUSTOMER AUTHORIZED AGENT X



FIELD RECEIPT NO. 1001902295

CUSTOMER: CARRIZO OIL & GAS CREDIT APPROVAL NO. PURCHASE ORDER NO. CUSTOMER NUMBER 20015134 - 00250300 INVOICE NUMBER

MAIL: STREET OR BOX NUMBER 1000 LOUISIANA ST. STE 1699 CITY Houston STATE Texas ZIP CODE 77002

INVOICE TO: DATE WORK MO. 04 DAY 16 YEAR 2012 BHI REPRESENTATIVE COLE W MARRIOTT WELL APNO: 05123343560000 WELL TYPE: New Well

COMPLETED: DISTRICT BJS, BRIGHTON JOB DEPTH(ft) 1,436 WELL CLASS: Oil

WELL NAME AND NUMBER: WCR100 GROUP 14-11-8-61 TD WELL DEPTH(ft) 1,450 GAS USED ON JOB: No Gas

WELL LOCATION: LEGAL DESCRIPTION 14-8N-61W 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	2	900.000	1,800.00	0%	1,800.00		
F090	Fuel per pump charge - cement	pump/hr	2	70.250	140.50	0%	140.50		
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	144	11.850	1,706.40	65%	597.24		
J391	Mileage, Auto, Pick-Up or Treating Van	miles	144	6.700	964.80	65%	337.68		
SUB-TOTAL FOR Equipment					12,446.70	54.87%	5,617.67		
Bulk Delivery, Dry Products			ton-mi		1906	3.940	7,509.64	65%	2,628.37
SUB-TOTAL FOR Freight/Delivery Charges					7,509.64	65.00%	2,628.37		

DRLG PROD COMP WO
 Well: 14-11-8-61 AMT \$ 18,216.65 FIELD ESTIMATE
 ZCR/ea Group
 AFE: 311 216 Code: 160 116
 Description:

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.
 Kevin Barnhill
 CUSTOMER AUTHORIZED AGENT

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS
 CUSTOMER AUTHORIZED AGENT