

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS				DATE 20-APR-12		F.R. # 1001903305		SERV. SUPV. CHRISTOPHER M MCKEON						
LEASE & WELL NAME WCR100 GROUP 14-11-8-61 - API 0512334356000				LOCATION 14-8N-61W				COUNTY-PARISH-BLOCK Weld Colorado						
DISTRICT Brighton				DRILLING CONTRACTOR RIG # Xtreme #19				TYPE OF JOB Intermediate						
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
7" Bot Cem Plug, Nitrile cvr, Phen		Centralizer, with Pins, 7 in												
7" Top Cem Plug, Nitrile cvr, Phen		Float Collar, Auto Fill, 7 - 8rd												
		Float Shoe 7 - 8rd												
MATERIALS FURNISHED BY BJ				LAB REPORT NO.				PHYSICAL SLURRY PROPERTIES						
								SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Drilling Mud + Biocide								0	9.5	0	0	00:00	68	
Fresh Water								0	8.33	0	0	00:00	10	
SealBond Spacer								0	8.4	0	0	00:00	40	
Premium Lite Cement + adds								420	12.5	1.94	10.65	06:19	145.25	106.46
50/50 (Poz/Class G Cement) + adds								150	13.5	1.71	8.30	02:13	45.76	29.65
Drilling Mud								0	9.5	0	0	00:00	251	
Available Mix Water 400 Bbl.				Available Displ. Fluid 400 Bbl.				TOTAL				560.01	136.11	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	35	6665	6.276	7	26	CSG	4367	5955	P-110	6633	6538			
			6.366	7	23	CSG	6633	6467	P-110					
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.	
9.63	36	OPEN HOLE	1436	1436	No packer			0	0	7	8RD	WATER BASED	9.5	
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				
252.6	BBLS	Drilling Mud	9.5	1094	0	0	0	0	5072	3000	Rig			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 2			Circulation Rate: 5 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"/>					
Displacement And Mud Removal														
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 2 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 checked="" 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"/>					
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					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NA														

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 1500 PSI With 9.5 LBS/GAL Mud Time Held: 00 Hours 15 Minutes

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)
Rig broke down from about 1300 to 2100.

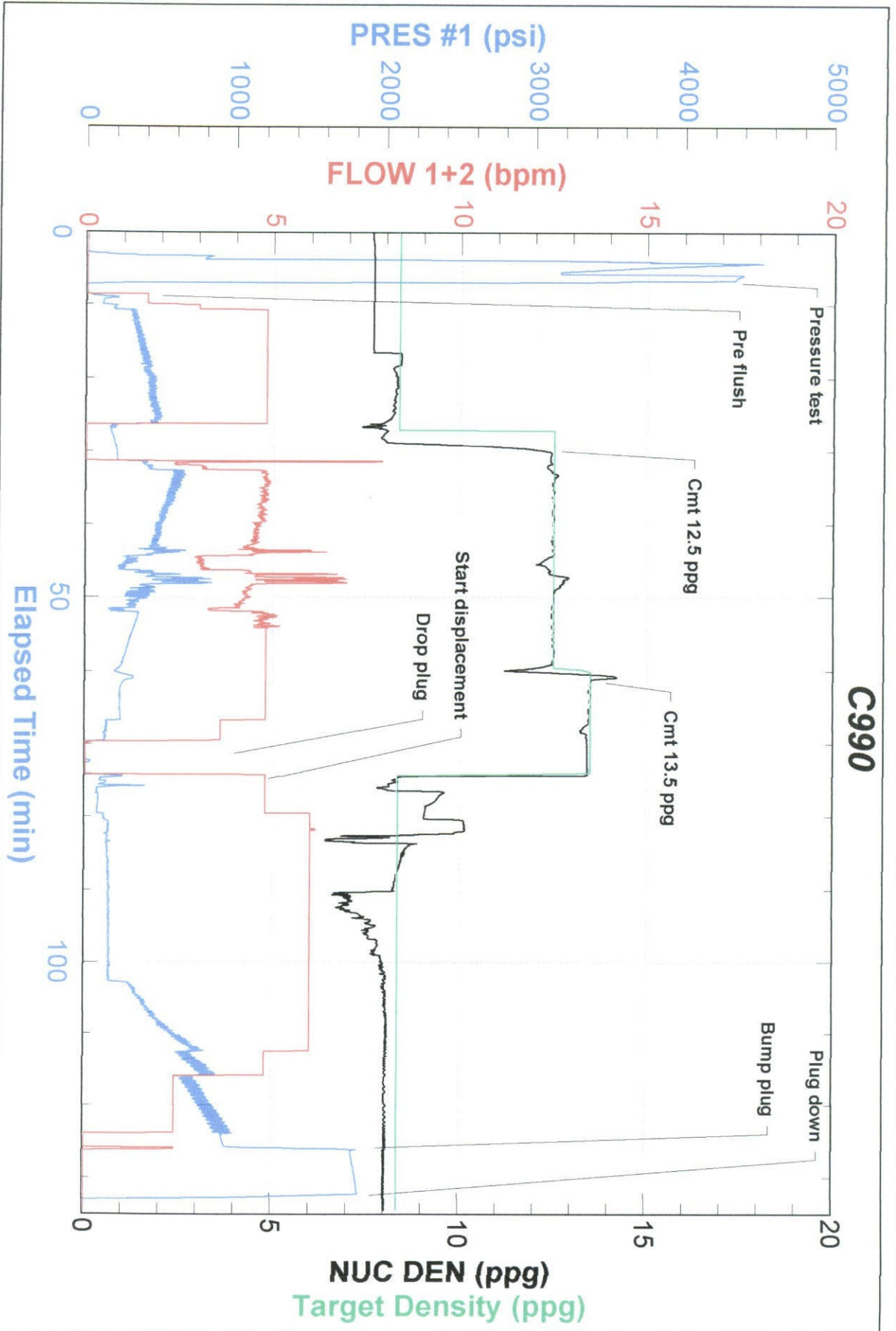
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
NA

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

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 4510 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
10:10	0	0	0	0	NA	Arrive location	
13:20	0	0	0	0	NA	Spot trucks	
13:30	0	0	0	0	NA	Rig up safety meeting/ Rig broke down	
01:00	0	0	0	0	NA	Casing crew begins rig down/ Rig circulates	
01:30	0	0	0	0	NA	Pre job safety meeting	
01:54	836	0	0	0	H2O	Low pressure test	
01:55	4510	0	0	0	H2O	High pressure test	
01:57	384	0	4.8	40	H2O	Fresh water spacer with Magnicide	
02:11	434	0	4.8	40	H2O	Seal Bond Spacer with Magnicide	
02:23	510	0	5	138	CMT	Batch up, weigh and pump 420 sx. PLC + 0.25% Cello Flake + 0.4% FL-52 + 6% Bentonite @ 12.5 ppg	
02:51	227	0	5	43	CMT	Batch up, weigh and pump 150 sx. 50/50 Poz (Fly Ash) Class G Cement + 0.4% FL-52 + 3% Bentonite + 0.1% SM + 20% S-8 @ 13.5 ppg	
03:03	0	0	0	0	NA	Drop plug	
03:06	712	0	6	220	MUD	Start displacement	
03:44	784	0	4.8	20	MUD	Rate change	
03:48	870	0	2.4	12.5	H2O	Rate change	
03:58	996	0	2.4	0	NA	Bump plug	
04:03	1825	0	0	0	NA	Plug down/ Check floats/ Total displacement 252.5 bbls.	
04:05	1500	0	0	0	H2O	Start casing test	
04:10	1528	0	0	0	H2O	End casing test	
04:11	0	0	0	0	NA	Rig down safety meeting	
BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 996	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 513.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature:

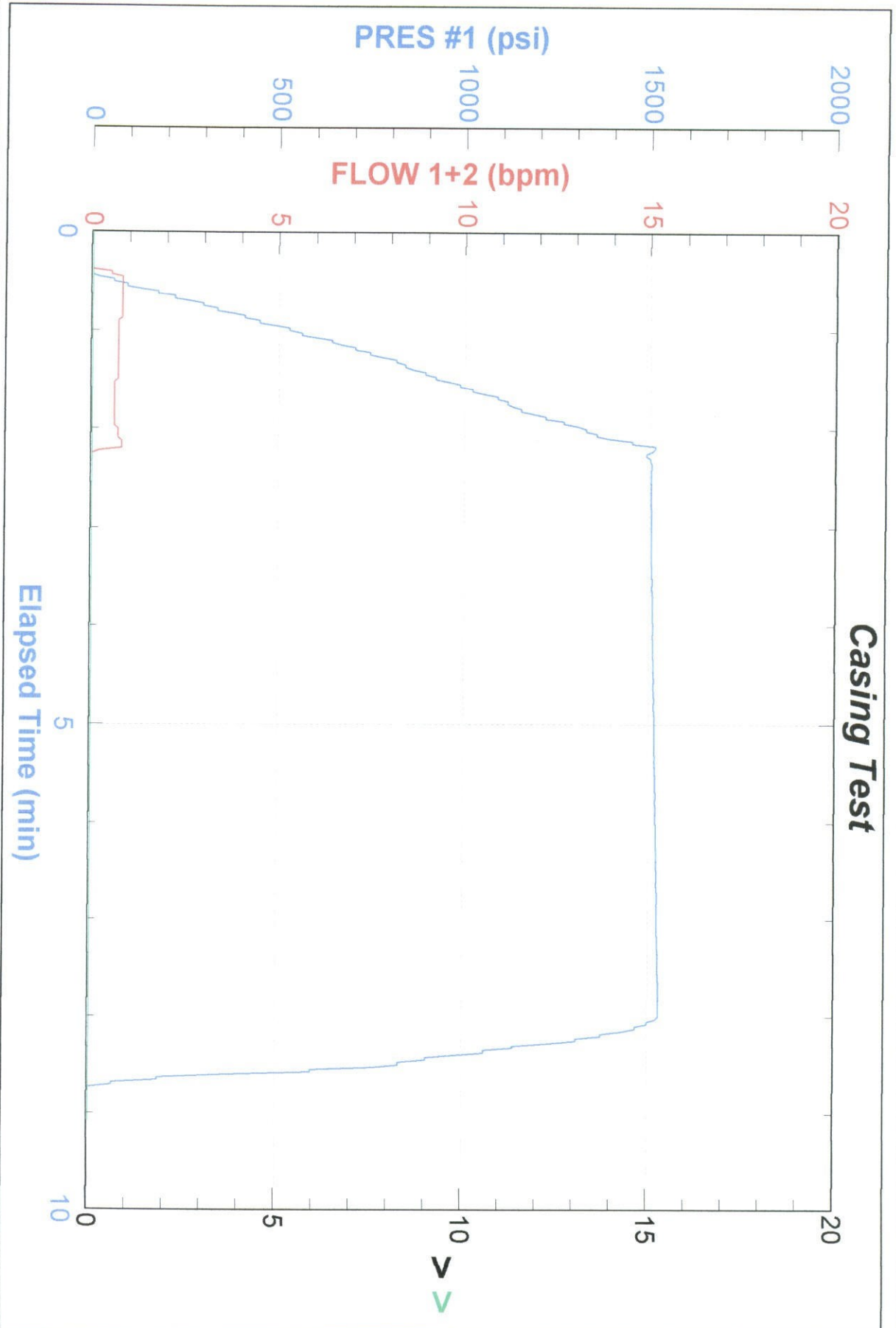


BJ Services JobMaster Program Version 3.50
Job Number: 1001903305
Customer: Carrizo
Well Name: WCR100 Group 14-11-8-61





BJ Services JobMaster Program Version 3.50
Job Number: 1001903305
Customer: Carrizo
Well Name: WCR100 Group 14-11-8-61



FIELD RECEIPT NO. 1001903305



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	BHI REPRESENTATIVE	WELL API NO:		WELL TYPE :					
04 20 2012		CHRISTOPHER M MCKEON		0512334360000		New Well							
DISTRICT		BUS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :							
WELL NAME AND NUMBER		WCR100 GROUP 14-11-8-61		TD WELL DEPTH (ft)		GAS USED ON JOB :							
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :					
14-8N-61W		Weld		Colorado		Intermediate							
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT						
100021	Class G Cement	sacks	✓75	31.800	2,385.00	65%	834.75						
100120	Bentonite	lbs	✓2571	0.530	1,362.63	65%	476.92						
100121	Silica Flour	lbs	✓2520	0.590	1,486.80	65%	520.38						
100275	Sodium Metasilicate	lbs	✓13	4.100	53.30	65%	18.66						
100295	Cello Flake	lbs	✓92	5.100	469.20	65%	164.22						
100317	Poz (Fly Ash)	sacks	✓75	14.200	1,065.00	65%	372.75						
398224	Premium Lite Cement	sacks	✓420	27.650	11,613.00	65%	4,064.55						
398416	SealBond Spacer (w/ 30lb pail)	bbls	✓40	277.200	11,088.00	65%	3,880.80						
488015	FL-52	lbs	197 198	26.900	5,326.20	65%	1,864.17						
488019	FP-6L	gals	✓5	104.250	521.25	65%	182.44						
488252	Magnacide 575	gals	✓1	307.000	307.00	65%	107.45						
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						
86714-1	7" Top Cem Plug, Nitrile cvr, Phen	ea	✓1	244.000	244.00	65%	85.40						
SUB-TOTAL FOR Product Material						39,143.38		65.00%		13,700.19			
ARRIVE LOCATION :		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.							
04 20 2012 10:10													
CUSTOMER REP.		Jeff Myers											
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		CUSTOMER AUTHORIZED AGENT											
		X		BHI APPROVED									



FIELD RECEIPT NO. 1001903305

CUSTOMER		CARRIZO OIL & GAS		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20015134 - 00250300		INVOICE NUMBER	
MAIL INVOICE TO :		STREET OR BOX NUMBER 1000 LOUISIANA ST, STE 1699				CITY Houston		STATE Texas		ZIP CODE 77002	
DATE WORK COMPLETED		MO. 04 DAY 20 YEAR 2012		BHI REPRESENTATIVE CHRISTOPHER M MCKEON		WELL API NO: 05123343560000		WELL TYPE: New Well			
DISTRICT BUS, BRIGHTON						JOB DEPTH (ft) 6,633		WELL CLASS: Oil			
WELL NAME AND NUMBER WCRI00 GROUP 14-11-8-61						TD WELL DEPTH (ft) 6,665		GAS USED ON JOB: No Gas			
WELL LOCATION :		LEGAL DESCRIPTION 14-8N-61W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE: 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	704	5.450	3,836.80	65%	1,342.88		
R798	Automatic Density System			job	1	1,990.000	1,990.00	65%	696.50		
SUB-TOTAL FOR Service Charges							6,036.80	62.74%	2,249.38		
F065A	Cement Pumping, 6001 - 7000 ft			6hrs	1	8,300.000	8,300.00	65%	2,905.00		
F088	Cement Pumping, Additional hrs			hrs	12	900.000	10,800.00	65%	3,780.00		
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	65%	290.50		
J390	Mileage, Heavy Vehicle			miles	148	11.850	1,753.80	65%	613.83		
J391	Mileage, Auto, Pick-Up or Treating Van			miles	148	6.700	991.60	65%	347.06		
SUB-TOTAL FOR Equipment							23,096.90	63.81%	8,357.89		
J401	Bulk Delivery, Dry Products			ton-mi	2072	3.940	8,163.68	65%	2,657.29		
SUB-TOTAL FOR Freight/Delivery Charges							8,163.68	65.00%	2,657.29		
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ARRIVE LOCATION :		MO. 04 DAY 20 YEAR 2012 TIME 10:10									
CUSTOMER REP.		Jeff Myers									
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER. CUSTOMER AUTHORIZED AGENT X BHI APPROVED X			

FIELD RECEIPT NO. 1001903305



CUSTOMER		CARRIZO OIL & GAS		CREDIT APPROVAL NO.	PURCHASE ORDER NO.		CUSTOMER NUMBER	20015134 - 00250300		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	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :				
04	20	2012		CHRISTOPHER M MCKEON	05123343560000	New Well				
DISTRICT				JOB DEPTH (ft)		WELL CLASS :				
BUS, BRIGHTON				6.633		Oil				
WELL NAME AND NUMBER				TD WELL DEPTH (ft)		GAS USED ON JOB :				
WCR100 GROUP 14-11-8-61				6.665		No Gas				
WELL LOCATION :	LEGAL DESCRIPTION			COUNTY/PARISH	STATE	JOB TYPE CODE :				
	14-8N-61W			Weld	Colorado	Intermediate				
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
	FIELD ESTIMATE						76,440.76	64.48%	27,164.75	

Well: WCR Group 100

AFE: 311-216

Code: 160-110

Description: NOTED AND CEMENT

Amount Approved: 82,164.75

Approved By: [Signature]

ARRIVE LOCATION : MO. 04 DAY 20 YEAR 2012 TIME 10:10

CUSTOMER REP. Jeff Myers

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SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT [Signature]

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER AUTHORIZED AGENT [Signature]

BH APPROVED [Signature]