

# CEMENT JOB REPORT



<b>CUSTOMER</b> Carrizo Oil & Gas		<b>DATE</b> 18-JUN-11	<b>F.R. #</b> 1001820370	<b>SERV. SUPV.</b> RYAN SULLIVAN								
<b>LEASE &amp; WELL NAME</b> NELSON #17-44-9-60 - API 05123333680000		<b>LOCATION</b> 17-9N-60W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado								
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Cade 22		<b>TYPE OF JOB</b> Intermediate								
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>PHYSICAL SLURRY PROPERTIES</b>								
Cement Plug, Rubber, Top 7 in		Centralizer, with Pins, 7 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, 7 - 8rd										
<b>MATERIALS FURNISHED BY BJ</b>												
Drilling Mud + Biocide				0	9.4	0	0	00:00	45			
Water				0	8.34	0	0	00:00	10			
SealBond Spacer				0	8.4	0	0	00:00	40			
Premium Lite Cement + Additives				413	12.5	1.94	10.65		142.7	104.59		
50:50 Poz:G + Additives				171	13.5	1.71	8.30		52.1	33.76		
Drilling Mud				0	9.4	0	0	00:00	264.6			
Available Mix Water <u>250</u> Bbl.		Available Displ. Fluid <u>500</u> Bbl.		<b>TOTAL</b>					554.4	138.34		
<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>		
8.75	35	6824	7	23	CSG	6817	P-110	6817	6720	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>
9.625	36	CSG	1442	No liner		0	0	0	7	8RD	WATER BASED MU	9.4
<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>		
264.6	BBLS	Drilling Mud	9.4	1174	0	0	0	0	4000	3000	Rig	
<b>Circulation Prior to Job</b>												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 7 BPM				
Mud Density In: 9.4 LBS/GAL				Mud Density Out: 9.4 LBS/GAL				PV & YP Mud In: 15		PV & YP Mud Out: 15		
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: 1.5 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"/> 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: 54				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												
<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 checked="" 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				
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None												
<b>PRESSURE/RATE DETAIL</b>						<b>EXPLANATION</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) Floats did not hold very well after 1st bump, bumped again per customer request.		
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 5050 PSI		
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
12:30	0	0	0	0	N/A	Pre-rig up safety meeting		
15:00	0	0	0	0	N/A	Pre-job safety meeting		
15:30	1005	0	0	0	WATER	Low pressure test		
15:33	5050	0	0	0	WATER	High pressure test		
15:46	576	0	6	45	MUD	Pre-flush drilling mud		
15:57	459	0	4.8	10	WATER	Freshwater spacer		
16:01	427	0	4.5	40	SEAL BON	Seal bond spacer		
16:14	174	0	4.8	142	CEMENT	Batch-up, weigh, & pump 413 sx of PLC + 0.25% Cello Flake + 0.4% FL-52 + 3% Bentonite		
16:48	192	0	4.4	54	CEMENT	Mix & pump 171 sx of (50:50) Poz:G + 0.4% FL-52 + 3% Bentonite + 0.1% SM + 20% S-8 @ 13.5 ppg		
17:02	0	0	0	0	N/A	Drop plug		
17:05	137	0	6	133	MUD	Displace		
17:29	324	0	6	47	MUD	Caught cement		
17:43	964	0	3.5	74	MUD	Rate change		
18:01	1148	0	2.4	6	MUD	Rate change		
18:03	1230	0	2.4	260	MUD	Bump plug to 1604 psi		
18:11	1535	0	2.4	1.5	MUD	Bump plug again per customer request, continued getting a little bit of bleedback, monitored till 1900 till customer gave the ok		
19:00	0	0	0	0	N/A	Pre-rig down safety meeting		

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	1230	<input type="checkbox"/> Y <input type="checkbox"/> N	75	551	0	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	

X BJK

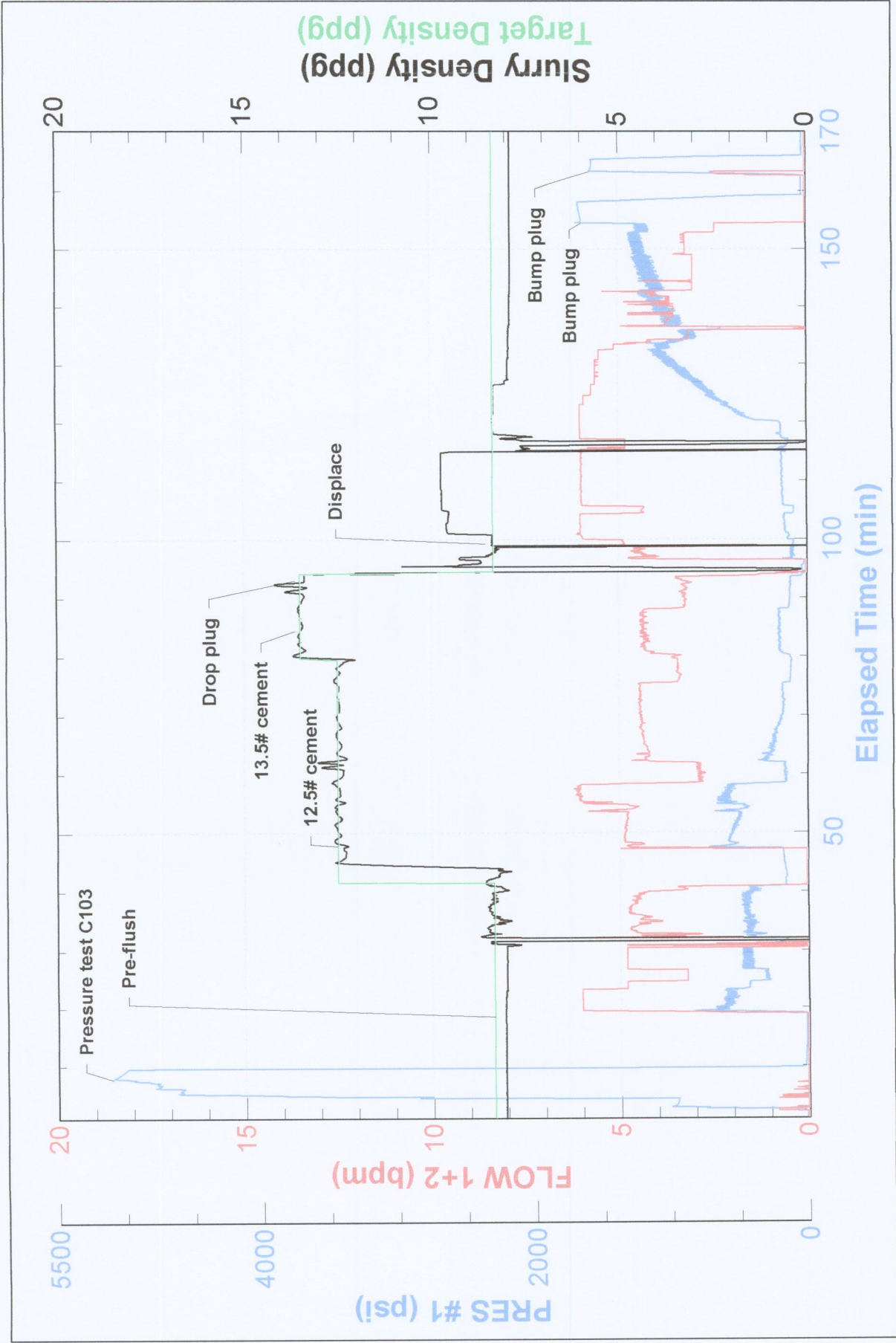


**BJ Services JobMaster Program Version 3.50**

Job Number: 1001820370

Customer: Carrizo

Well Name: Nelson #17-44-9-60





**BJ Services Company**

**FIELD RECEIPT NO. 1001820370**

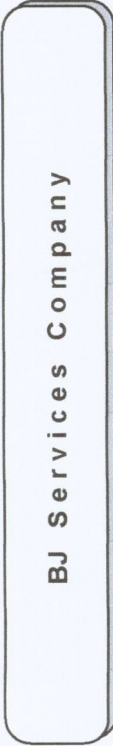
<b>CUSTOMER</b> Carrizo Oil & Gas		<b>CREDIT APPROVAL NO.</b> A10011356480	<b>PURCHASE ORDER NO.</b>	<b>CUSTOMER NUMBER</b> 20015134 - 00250300	<b>INVOICE NUMBER</b>		
<b>MAIL INVOICE TO :</b> 1000 Louisiana Street Suite 1699		<b>CITY</b> Houston	<b>STATE</b> Texas	<b>ZIP CODE</b> 77002			
<b>DATE WORK COMPLETED</b> 06 18 2011	<b>YEAR</b> 2011	<b>BJ SERVICES REPRESENTATIVE</b> RYAN SULLIVAN	<b>WELL API NO:</b> 05123333680000	<b>WELL TYPE :</b> New Well			
<b>BJ SERVICES DISTRICT</b> Brighton		<b>JOB DEPTH (ft)</b> 6,817	<b>WELL CLASS :</b> Oil				
<b>WELL NAME AND NUMBER</b> NELSON #17-44-9-60		<b>TD WELL DEPTH (ft)</b> 6,824	<b>GAS USED ON JOB :</b> No Gas				
<b>WELL LOCATION :</b> 17-9N-60W	<b>COUNTY/PARISH</b> Weld	<b>STATE</b> Colorado	<b>JOB TYPE CODE :</b> Intermediate				
<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	86	29.700	2,554.20	55%	1,149.39
100120	Bentonite	lbs	2587	0.500	1,293.50	55%	582.08
100121	Silica Flour	lbs	2873	0.530	1,522.69	55%	685.21
100275	Sodium Metasilicate	lbs	15	3.900	58.50	55%	26.33
100295	Cello Flake	lbs	90	4.850	436.50	55%	196.43
100317	Poz (Fly Ash)	sacks	86	13.200	1,135.20	55%	510.84
398224	Premium Lite Cement	sacks	413	24.050	9,932.65	55%	4,469.69
398416	SealBond Spacer	bbls	40	264.000	10,560.00	55%	4,752.00
488015	FL-52	lbs	202	25.600	5,171.20	55%	2,327.04
488252	Magnacide 575	gals	1	620.000	620.00	55%	279.00
488521	SealBond Plus	lbs	600	4.500	2,700.00	55%	1,215.00
499632	Granulated Sugar	lbs	250	3.490	872.50	55%	392.63
<b>SUB-TOTAL FOR Product Material</b>					<b>36,856.94</b>	<b>55.00%</b>	<b>16,585.64</b>
<b>ARRIVE LOCATION :</b> 06 18 2011 11:56		<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> Bert Kunkle		<b>CUSTOMER AUTHORIZED AGENT</b>			<b>CUSTOMER AUTHORIZED AGENT</b>		
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>		<b>CUSTOMER AUTHORIZED AGENT</b>			<b>BJ SERVICES APPROVED</b>		



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<b>MAIL INVOICE TO :</b> 1000 Louisiana Street Suite 1699				<b>CITY</b> Houston		<b>STATE</b> Texas		<b>ZIP CODE</b> 77002	
<b>DATE WORK COMPLETED</b> 06 18 2011	<b>MO.</b> 06	<b>DAY</b> 18	<b>YEAR</b> 2011	<b>BJ SERVICES REPRESENTATIVE</b> RYAN SULLIVAN		<b>WELL API NO:</b> 05123333680000		<b>WELL TYPE :</b> New Well	
<b>BJ SERVICES DISTRICT</b> Brighton				<b>JOB DEPTH (ft)</b> 6,817		<b>WELL CLASS :</b> Oil			
<b>WELL NAME AND NUMBER</b> NELSON #17-44-9-60				<b>TD WELL DEPTH (ft)</b> 6,824		<b>GAS USED ON JOB :</b> No Gas			
<b>WELL LOCATION :</b> 17-9N-60W				<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Intermediate	
<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>
A152	Personnel Per Djem Chrg - Cement Svc			ea	1	161.500	161.50	0%	161.50
M100	Bulk Materials Service Charge			cu ft	724	4.170	3,019.08	55%	1,358.59
R798	Automatic Density System			job	1	1,530.000	1,530.00	55%	688.50
	SUB-TOTAL FOR Service Charges						4,710.58	53.11%	2,208.59
F065A	Cement Pumping, 6001 - 7000 ft			6hrs	1	6,900.000	6,900.00	55%	3,105.00
F088	Cement Pumping, Additional hrs			hrs	1	750.000	750.00	55%	337.50
F090	Fuel per pump charge - cement			pump/hr	8	61.000	488.00	0%	488.00
J050	Cement Head			job	1	635.000	635.00	55%	285.75
J390	Mileage, Heavy Vehicle			miles	176	9.100	1,601.60	55%	720.72
J391	Mileage, Auto, Pick-Up or Treating Van			miles	176	5.150	906.40	55%	407.88
	SUB-TOTAL FOR Equipment						11,281.00	52.62%	5,344.85
J401	Bulk Delivery, Dry Products			ton-mi	2531	3.030	7,668.93	55%	3,451.02
	SUB-TOTAL FOR Freight/Delivery Charges						7,668.93	55.00%	3,451.02
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<b>CUSTOMER REP.</b> Bert Kunkle				<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>					
				<b>CUSTOMER AUTHORIZED AGENT</b> X					
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>				<b>BJ SERVICES APPROVED</b> X					



FIELD RECEIPT NO. 1001820370

CUSTOMER Carrizo Oil & Gas		CREDIT APPROVAL NO. A10011356480		PURCHASE ORDER NO.		CUSTOMER NUMBER 20015134 - 00250300		INVOICE NUMBER		
MAIL STREET OR BOX NUMBER 1000 Louisiana Street Suite 1699		CITY Houston		STATE Texas		ZIP CODE 77002				
DATE WORK COMPLETED	MO. DAY YEAR	BJ SERVICES REPRESENTATIVE		WELL API NO.	WELL TYPE :	New Well				
06 18 2011	RYAN SULLIVAN	05123333680000		6,817	WELL CLASS :	Oil				
BJ SERVICES DISTRICT Brighton		JOB DEPTH (ft)		6,824	GAS USED ON JOB :		No Gas			
WELL NAME AND NUMBER NELSON #17-44-9-60		TD WELL DEPTH (ft)		6,824	JOB TYPE CODE :		Intermediate			
WELL LOCATION : 17-9N-60W		COUNTY/PARISH Weld		STATE Colorado						
PRODUCT CODE	DESCRIPTION		UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
	FIELD ESTIMATE					60,517.45	54.41%	27,590.10		

DRLG <input checked="" type="checkbox"/>	PROD <input type="checkbox"/>	COMP <input type="checkbox"/>	WO <input type="checkbox"/>
Well: NELSON 17-44-9-60	AMT \$ 27590.10		
AFE: 311086	Code: 110		
Description: Cement 7" CSG			
Signature: Bert J. Kunkle			

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.	
06 18 2011	11:56			
CUSTOMER REP.	Bert Kunkle	<input checked="" type="checkbox"/> Bert J. Kunkle CUSTOMER AUTHORIZED AGENT		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		<input checked="" type="checkbox"/> BJ SERVICES APPROVED		

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

CUSTOMER AUTHORIZED AGENT

BJ SERVICES APPROVED