

# CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS		DATE 09-NOV-12	F.R. # 1001946513	SERV. SUPV. JOHN R WUDARCZYK										
LEASE & WELL NAME PTASNIK 30-44-9-59 - API 05123339590000		LOCATION 30-9N-59W		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			
Cement Plug, Rubber, Top 9-5/8 in		Float Shoe 9-5/8 - 8rd												
		Centralizer, with Pins, 9-5/8 in												
MATERIALS FURNISHED BY BJ				PHYSICAL SLURRY PROPERTIES										
				LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Fresh Water + 2 lbs Red Dye				0	8.34	0	0	00:00	15					
Type III Cement + adds				138	14.5	1.40	6.81		34.45	22.37				
Premium Lite Cement + adds				417	13	1.77	9.20		131.26	91.34				
Fresh Water				0	8.34	0	0	00:00	108.23					
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL				288.95	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	1420	8.921	9.625	36	CSG	1404	1404	J-55	1404	1358	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	8RND	FRESH WATER	8.34	
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		
105	BBLS	Fresh Water		8.34	367	0		0	0		2816	1500	RIG	
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 5 BPM						
Mud Density In: 8.34 LBS/GAL				Mud Density Out: 8.34 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"/>						
<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: 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"/> 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 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														
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)  
 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

### 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	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
						3024 PSI	
00:40	0	0	0	0	0		ARRIVE ON LOCATION ( 90 MILES )
01:00	0	0	0	0	0		PRE RIG UP SAFETY MEETING
01:43	0	0	0	0	0		PRE JOB MEETING
02:20	3024	0	0	0	H2O		PRESSURE TEST PUMPS AND LINES
02:26	160	0	4.8	15	H2O		DYE WATER
02:32	135	0	5	131	LEAD		BATCH UP AND PUMP 417 SKS PLC+.08% STATIC FREE+3%CACL+.25#/SACK CELLO FLAKE+6%BENTONITE@13#
03:00	151	0	5	34	TAIL		MIX AND PUMP 138 SKS TYPE III+.08#/SACK STATIC FREE+1%CACL+.25#/SACK CELLO FLAKE@14.5#
03:14	0	0	0	0	H2O		DROP PLUG
03:15	347	0	6	60	H2O		START DISPLACEMENT
03:27	483	0	4.8	30	H2O		SLOW RATE
03:33	466	0	2.4	15	H2O		SLOW RATE
03:38	1050	0	0	0	H2O		BUMP PLUG @ 105 BBLs
03:50	0	0	0	0	H2O		CHECK FLOATS .5 BBL BACK
03:55	0	0	0	0	0		POST JOB RIG DOWN SAFETY MEETING

BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1050	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 75	TOTAL BBL. PUMPED 285	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: 
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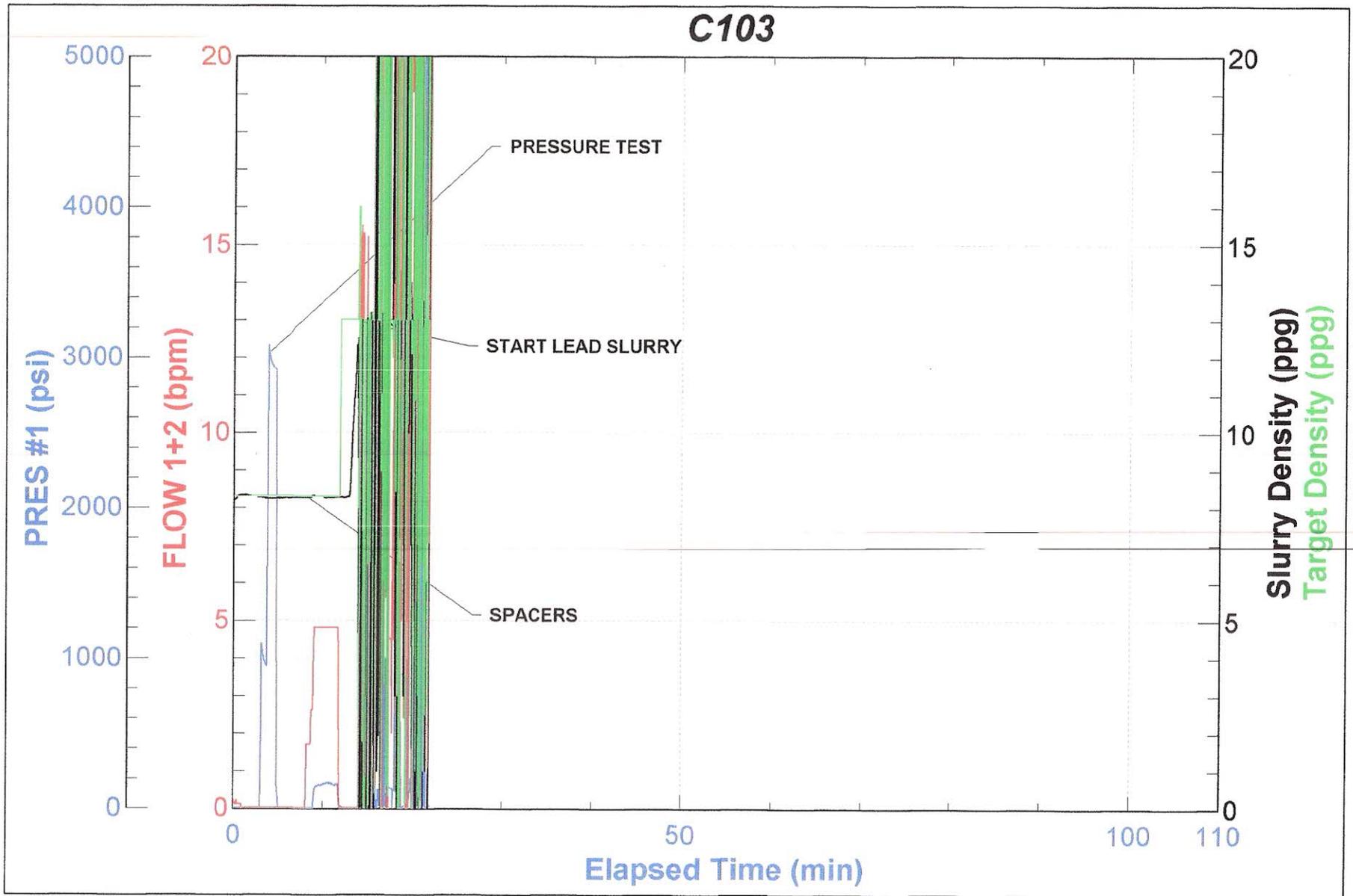


BJ Services JobMaster Program Version 3.50

Job Number: 1001946513

Customer: CARRIZO OIL & GAS

Well Name: PTASNIK 30-44-9-59





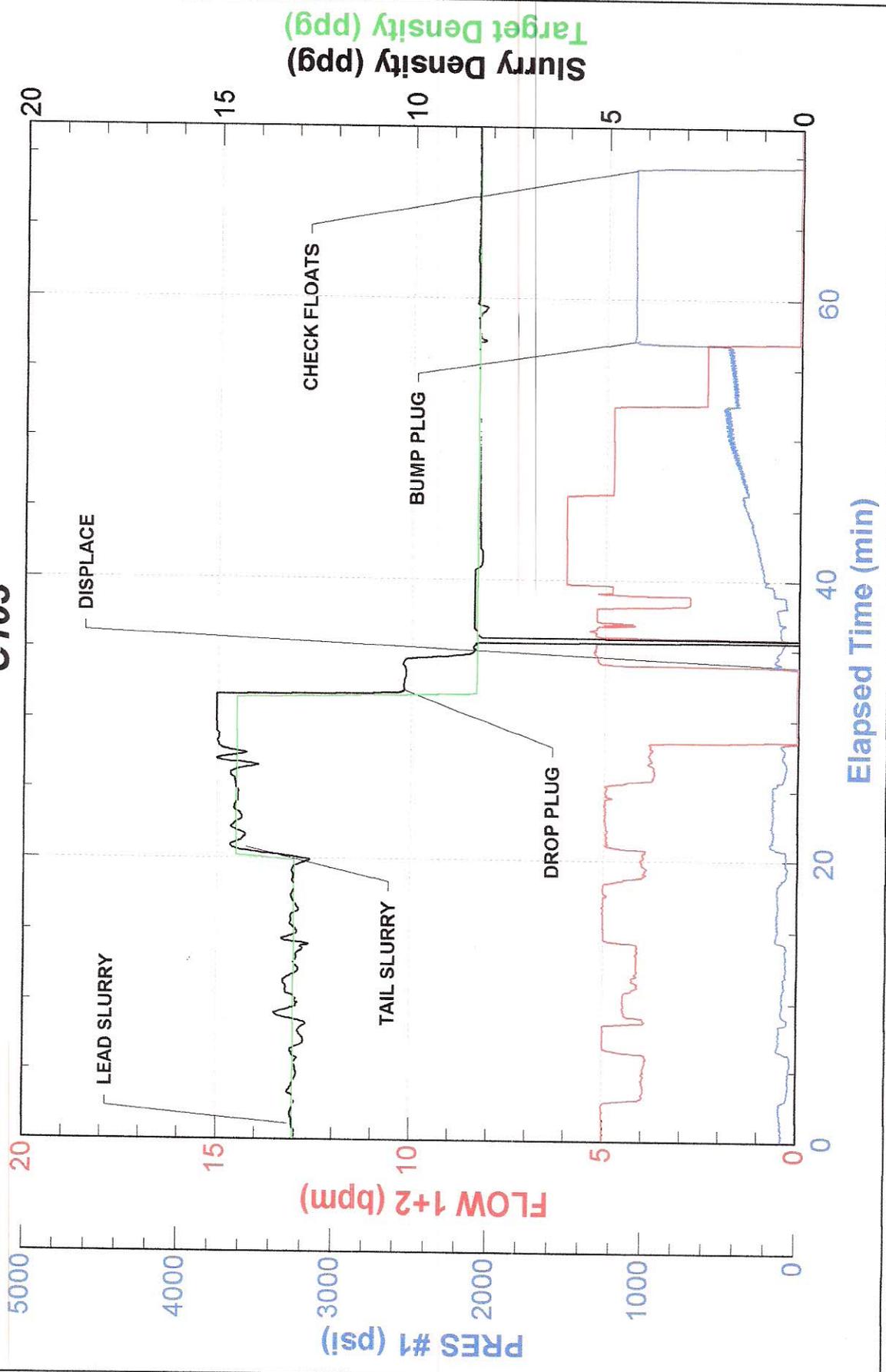
BJ Services JobMaster Program Version 3.50

Job Number: 1001946513

Customer: CARRIZO OIL & GAS

Well Name: PTASNIK 30-44-9-59

# C103





FIELD RECEIPT NO. 1001946513

<b>CUSTOMER</b> CARRIZO OIL & GAS				<b>CREDIT APPROVAL NO.</b>	<b>PURCHASE ORDER NO.</b>	<b>CUSTOMER NUMBER</b> 20015134 - 00250300	<b>INVOICE NUMBER</b>
<b>MAIL INVOICE TO :</b>		<b>STREET OR BOX NUMBER</b> 1000 LOUISIANA ST, STE 1699		<b>CITY</b> Houston		<b>STATE</b> Texas	<b>ZIP CODE</b> 77002
<b>DATE WORK COMPLETED</b>	<b>MO.</b> 11	<b>DAY</b> 09	<b>YEAR</b> 2012	<b>BHI REPRESENTATIVE</b> JOHN R WUDARCZYK	<b>WELL API NO:</b> 05123339590000	<b>WELL TYPE :</b> New Well	
<b>DISTRICT</b> BJS, BRIGHTON				<b>JOB DEPTH (ft)</b> 1,404		<b>WELL CLASS :</b> Oil	
<b>WELL NAME AND NUMBER</b> PTASNIK 30-44-9-59				<b>TD WELL DEPTH (ft)</b> 1,420		<b>GAS USED ON JOB :</b> No Gas	
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> 30-9N-59W		<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	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	41	40.700	1,668.70	65%	584.05
499703	Type III Cement	sacks	138	31.700	4,374.60	65%	1,531.11
	SUB-TOTAL FOR Product Material				21,918.92	65.00%	7,671.63
A152	Personnel Per Diem Chrg - 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

<b>ARRIVE LOCATION :</b>	<b>MO.</b> 11	<b>DAY</b> 09	<b>YEAR</b> 2012	<b>TIME</b> 00:40	<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> JEFF MEYERS							<b>CUSTOMER AUTHORIZED AGENT</b> X
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>							<b>BHI APPROVED</b> X
<b>CUSTOMER AUTHORIZED AGENT</b>							



FIELD RECEIPT NO. 1001946513

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. 11	DAY 09	YEAR 2012	BHI REPRESENTATIVE JOHN R WUDARCZYK	WELL API NO: 05123339590000	WELL TYPE : New Well	
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 1,404	WELL CLASS : Oil		
WELL NAME AND NUMBER PTASNIK 30-44-9-59				TD WELL DEPTH (ft) 1,420	GAS USED ON JOB : No Gas		
WELL LOCATION :		LEGAL DESCRIPTION 30-9N-59W		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
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	180	11.850	2,133.00	65%	746.55
J391	Mileage, Auto, Pick-Up or Treating Van	miles	180	6.700	1,206.00	65%	422.10
	SUB-TOTAL FOR Equipment				11,314.50	64.19%	4,051.40
J401	Bulk Delivery, Dry Products	ton-mi	2382	3.940	9,385.08	65%	3,284.78
	SUB-TOTAL FOR Freight/Delivery Charges				9,385.08	65.00%	3,284.78
	FIELD ESTIMATE				48,230.20	64.53%	17,108.41

Well: PTASNIK 30-44-9-59  
 AFE: 311-224  
 Code: 160-110  
 Description: SURFACE CEMENT  
 Amount Approved: 17,106.41  
 Approved By: [Signature]

ARRIVE LOCATION :	MO. 11	DAY 09	YEAR 2012	TIME 00:40	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. JEFF MEYERS	SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					