



FIELD RECEIPT NO. 1001932387

CUSTOMER GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 00229266		INVOICE NUMBER	
MAIL INVOICE TO STREET OR BOX NUMBER 503 MAIN ST				CITY Windsor		STATE Colorado		ZIP CODE 80550			
DATE WORK COMPLETED		MO. 08	DAY 30	YEAR 2012	BHI REPRESENTATIVE AARON M MCWILLIAMS		WELL API NO: 05123357050000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 7,494				WELL CLASS : Gas		
WELL NAME AND NUMBER GREAT WESTERN #25-22-18					TD WELL DEPTH (ft) 7,532				GAS USED ON JOB : No Gas		
WELL LOCATION :		LEGAL DESCRIPTION 25-6N-67W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String		

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement	sacks	153	31.800	4,865.40	55%	2,189.43
100120	Bentonite	lbs	1079	0.530	571.87	55%	257.34
100121	Silica Flour	lbs	5124	0.590	3,023.16	55%	1,360.42
100275	Sodium Metasilicate	lbs	188	4.100	770.80	55%	346.86
100317	Poz (Fly Ash)	sacks	153	14.200	2,172.60	55%	977.67
398108	Mud Clean II	gals	840	1.700	1,428.00	55%	642.60
398224	Premium Lite Cement	sacks	310	27.650	8,571.50	55%	3,857.18
488013	CD-32	lbs	77	13.300	1,024.10	55%	460.85
488015	FL-52	lbs	103	26.900	2,770.70	55%	1,246.82
488353	CSE-2	lbs	2480	1.700	4,216.00	55%	1,897.20
499702	ClayCare, Clay Treat-2C, 260 gl tote	gals	8	147.000	1,176.00	55%	529.20
SUB-TOTAL FOR Product Material					30,590.13	55.00%	13,765.57
A152	Personnel Per Diem Chrg - Cement Svc	ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge	cu ft	793	5.450	4,321.85	55%	1,944.83
SUB-TOTAL FOR Service Charges					4,531.85	52.45%	2,154.83

ARRIVE LOCATION : MO. 08 DAY 30 YEAR 2012 TIME 21:10				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. Shawn Armstrong				CUSTOMER AUTHORIZED AGENT			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				BHI APPROVED			



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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
F067A	Cement Pumping, 7001 - 8000 ft				6hrs	1	9,525.000	9,525.00	55%	4,286.25	
F090	Fuel per pump charge - cement				pump/hr	4	70.250	281.00	0%	281.00	
J050	Cement Head				job	1	830.000	830.00	55%	373.50	
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	55%	958.50	
J390	Mileage, Heavy Vehicle				miles	76	11.850	900.60	55%	405.27	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	76	6.700	509.20	55%	229.14	
	SUB-TOTAL FOR Equipment							14,175.80	53.91%	6,533.66	
J401	Bulk Delivery, Dry Products				ton-mi	1174	3.940	4,625.56	55%	2,081.50	
	SUB-TOTAL FOR Freight/Delivery Charges							4,625.56	55.00%	2,081.50	
	FIELD ESTIMATE							53,923.34	54.50%	24,535.56	
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CUSTOMER REP. Shawn Armstrong						SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						CUSTOMER AUTHORIZED AGENT X					
						BHI APPROVED X					

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 30-AUG-12	F.R. # 1001932387	SERV. SUPV. AARON M MCWILLIAMS	
LEASE & WELL NAME GREAT WESTERN #25-22-18 - API 0512335705000		LOCATION 25-6N-67W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Cade 25		TYPE OF JOB Long String	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD
Cement Plug, Rubber, Bottom 4-1/2	Float Collar, Auto Fill, 4-1/2 - 8rd				
	Float Shoe 4-1/2 - 8rd				
	Centralizer, with Pins, 4-1/2 in				
	Cement Basket, Slip On, 4-1/2 in				
MATERIALS FURNISHED BY BJ		PHYSICAL SLURRY PROPERTIES			
		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³
ClayCare Water	0	0	8.34	0	0
Tail	0	305	14.6	1.38	5.90
ClayCare Water	0	0	8.34	0	00:00
Mud Clean II	0	0	8.5	0	00:00
ClayCare Water	0	0	8.34	0	00:00
Lead	0	310	11	3.22	19.86
Available Mix Water	500 Bbl.	Available Displ. Fluid	200 Bbl.	TOTAL	428.84 189.60
HOLE		TBG-CSG-D.P.			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
7.875	20	7532	4	4.5	11.6
					CSG
					7494
					7494
					N-80
					7494
					7473
					0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
8.1	8.63	24	CSG	732	732
		BRAND & TYPE		DEPTH	TOP
		No packer		0	0
				0	0
				4.5	8RD
				WATER BASED	
				9.1	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
116.5	BBLs	ClayCare Water	8.34	1181	0
				0	0
				0	0
				0	0
				6224	3000
				Rig tank	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 2		
Mud Density In: 9.1 LBS/GAL			Mud Density Out: 9.1 LBS/GAL		
PV & YP Mud In: 0			PV & YP Mud Out: 0		
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>			Units: 0		
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 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 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: 30		
			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	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None					

CEMENT JOB REPORT



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

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	4050 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
18:30	0	0	0	0	N/A	Yard call	
20:20	0	0	0	0	N/A	Leave yard	
21:10	0	0	0	0	N/A	Arrive on location 38 miles rig circulating	
21:15	0	0	0	0	N/A	Spot trucks	
21:20	0	0	0	0	N/A	Rig up safety meeting	
22:10	0	0	0	0	N/A	Pre job safety meeting	
22:37	4050	0	0	0	H2O	Pressure test pumps and lines	
22:42	457	0	6	20	CLAYCARI	Preflush	
22:46	477	0	6	20	MUDCLEA	Mud clean II	
22:50	467	0	6	20	CLAYCARI	Spacer	
22:57	514	0	7.2	175	CMT	Batch up and pump 310 sks of PLC + 4% Bentonite + 0.6% SM + 8 lbs/sack CSE-2 11 ppg 3.22 yield 19.86 gps	
23:26	283	0	4.8	75	CMT	Batch up and pump 305 sks of (50:50) Poz:G + 0.3% CD-32 + 0.4% FL-52 + 0.1% 14.6 ppg 1.38 yield 5.90 gps	
23:38	0	0	0	0	H2O	Wash up and drop plug	
23:45	565	0	7.2	80	CLAYCARI	Displacement	
00:06	933	0	6	20	CLAYCARI	Displacement rate change	
00:09	1111	0	4.8	10	CLAYCARI	Displacement rate change	
00:11	127	0	2.4	6.5	CLAYCARI	Displacement rate change	
00:14	1268	0	2.4	116.5	CLAYCARI	Bump plug	
00:14	2538	0	0	0	N/A	Plug down @ 116.5 bbl's	
00:17	0	0	0	0	N/A	Check float 1 bbl back	
00:20	0	0	0	0	N/A	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 checked="" type="checkbox"/> Y <input type="checkbox"/> N	2538	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	426.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



BJ Services JobMaster Program Version 3.50

Job Number: 1001932387

Customer: Great Western

Well Name: Great Western #25-22-18

C990

