



# CEMENTER'S WELL SERVICE, INC.

P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

OUR INVOICE

## 199019

(P.O.# 112420)

Date <u>03/06/2011</u>	Well Owner <u>GREAT WESTERN</u>	Well No. <u>31-52</u>	Lease <u>GAUSTAFSON</u>
County <u>WELD</u>	State <u>COLORADO</u>	Field	
Charge to <u>ENSTON U.S. DRILLING (ENSTON #7)</u>	Charge Code		
Address <u>P.O. BOX 17805</u>	For Office Use Only		
City, State <u>DENVER, COLORADO 80217</u>			
Pump Truck No. <u>1201</u>	Code	Bulk Truck No. <u>1214</u>	Code
Type of Job	Depth	Fl. <u>559</u>	To
Surface <u>8 5/8 CSG-24"</u>	Bottom of Surface	Fl. <u>549</u>	To
Plug	Plug Landed @ <u>505</u>	Fl. Time On <u>1100</u>	
Production	Pipe Landed @ <u>549</u>	Fl. Time Off <u>PLUG DOWN 1745</u>	

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Net ✓	390	SKS		
	Poz. Mix				
	Calcium Chloride	3%			
	Gel % Flo-Cele 1/4 #Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement				
	MIXING RATE - 4BPM				
	DISP. RATE - 5BPM				
	SLURRY VOL - 118 CU FT 3/5K				
	SLURRY WT 15.2 PPG				
	TOTAL SLURRY VOL 91.9 BBL'S CEMENT				
	LANDED PLUG @ 780 PST				
	EQUAL LIFT @ 360 PST				

Remarks: <u>PRE-FLUSH W/ 10 BBL'S H<sub>2</sub>O</u>	Tax Reference Code	Sub Total
<u>DISPLACE W/ 32 BBL'S H<sub>2</sub>O</u>	State <u>CO 2.9 %</u>	Tax
<u>CIRCULATE 6 BBL'S CEMENT</u>	Disc.	Total

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
<u>1201</u>		Pump Truck		<u>16</u>			
<u>1214</u>		Bulk Truck		<u>16</u>			

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By JIM OSCAR STEVE ADAM

Received By

Customer or His Agent

# CEMENT JOB REPORT



<b>CUSTOMER</b> Great Western Oil & Gas LLC		<b>DATE</b> 10-MAR-11		<b>F.R. #</b> 1001772949		<b>SERV. SUPV.</b> CHRISTOPHER M MCKEON					
<b>LEASE &amp; WELL NAME</b> GUSTAFSON #31-52 - API 05123255650000		<b>LOCATION</b> 31-7N-65W				<b>COUNTY-PARISH-BLOCK</b> Weld Colorado					
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Ensign 7				<b>TYPE OF JOB</b> Long String					
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>PHYSICAL SLURRY PROPERTIES</b>							
Cement Plug, Rubber, Top 4-1/2 in		Cement Basket, Slip On, 4-1/2 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>	
		Centralizer, with Pins, 4-1/2 in									
<b>MATERIALS FURNISHED BY BJ</b>											
Fresh Water				0	8.34	0	0	00:00	20		
50:50 Poz + Additives				260	14.6	1.38	5.90	02:30	63.9	36.52	
Claytreat Water				0	8.34	0	0	00:00	115.17		
Mud Clean II				0	8.5	0	0	00:00	20		
Fresh Water				0	8.34	0	0	00:00	20		
Premium Lite Cement + Additives				305	11	3.22	19.86	03:30	174.91	144.39	
Available Mix Water <u>400</u> Bbl. Available Displ. Fluid <u>400</u> Bbl.				<b>TOTAL</b>						<b>413.98</b>	<b>180.91</b>
<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>	
7.875	20	7454	4.5	11.6	CSG	7445	N-80	7445	7430	1	
<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>	
8.625	24	CSG	580	No packer			0	0	4.5	8RD	
<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>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>	
115.2	BBLS	Claytreat Water	8.34	1179	0	0	0	0	6224	3000	
<b>MIX WATER</b> Rig tank											
<b>Circulation Prior to Job</b>											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1.5		Circulation Rate: 6 BPM			
Mud Density In: 9.3 LBS/GAL Mud Density Out: 9.3 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: 1.3 BBLS					
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL						Method Used to Verify Returns: Eye					
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 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 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: NA											
<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)  
 NA

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 4041 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
01:45	0	0	0	0	NA	Pre rig up safety meeting			
02:30	0	0	0	0	NA	Pre job safety meeting			
02:52	1656	0	0	0	H2O	Low pressure test			
02:53	4041	0	0	0	H2O	High pressure test			
02:57	616	0	7.2	20	H2O	Fresh water spacer			
03:01	650	0	7.2	20	H2O	Mud clean II			
03:04	705	0	7.2	20	H2O	Fresh water spacer			
03:07	227	0	7.2	163	CMT	Batch up and pump 305 sx. PLC + 4% Bentonite + 0.6% SM + 8 lbs/sack CSE-2 @ 11.0 ppg.			
03:33	259	0	4.8	62	CMT	Batch up and pump 260 sx. (50:50) Poz:G + 0.3% CD-32 + 0.4% FL-52 + 0.1%SM + 20% Silica Flour @ 14.6 ppg.			
03:46	0	0	0	0	NA	Drop plug/ wash up			
03:54	735	0	7.2	85	CT3C	Start Claytreat displacement			
04:06	844	0	6	10	CT3C	Rate change			
04:08	917	0	4.8	5	CT3C	Rate change			
04:09	958	0	3.6	5	CT3C	Rate change			
04:10	1150	0	2.4	10.5	CT3C	Rate change			
04:15	1175	0	0	0	NA	Bump plug			
04:17	2561	0	0	0	NA	Plug down			
04:18	0	0	0	0	NA	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	1175	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	400.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>[Signature]</i>



BJ Services JobMaster Program Version 3.50  
Job Number: 1001772949  
Customer: Great Western  
Well Name: Gustafson 31-52

