



CEMENTER'S WELL SERVICE, INC.

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

OUR INVOICE

198936

P.O. # 01056711

Date	02/10/2011	Well Owner	GREAT WESTERN	Well No.	35-52	Lease	GREAT WESTERN
County	WELD	State	COLORADO			Field	
Charge to	ENSTIGLUS DRILLING					Charge Code	
Address	P.O. BOX 17805 (ENSTIGLUS #7)					For Office Use Only	
City, State	DENVER, COLORADO 80217						
Pump Truck No.	1201	Code		Bulk Truck No.	1214	Code	
Type of Job				Depth	Fl. 446	To	
Surface	8' 5" - C56-24			Bottom of Surface	Fl. 430	To	
Plug				Plug Landed @	376	Fl.	Time On 0630
Production				Pipe Landed @	430	Fl.	Time Off PLUG DOWN 10:00

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat ✓ 100% EXCESS	300	SKS		
	Poz. Mix				
	Calcium Chloride	3%			
	Gel % Flo-Calc 1/4 #Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement	60	SKS		
	MIXING RATE - 48 BPM				
	DISP RATE - 5 BPM				
	SLURRY WT - 118 LB/FT ³ /SK				
	SLURRY WT 14 8-15.2 PPG				
	TOTAL SLURRY WT 75.6 BBL'S CEMENT				
	WATER TEMP 50°F				
	LANDING PLUG @ 200 PSI				
	FINAL ITET @ 195 PSI				

Remarks:	TRE FLUSH W/ 10 BBL'S H ₂ O	Tax Reference Code	Sub Total
	DISHALE W/ 24 BBL'S H ₂ O	State CO 2.9 %	Tax
	CIRCULATE 5 BBL'S CEMENT	Disc.	Total

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
1201		Pump Truck		30			
1214		Bulk Truck		30			

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 [Signature]
Customer or His Agent

CEMENT JOB REPORT



CUSTOMER Great Western Oil & Gas LLC			DATE 12-FEB-11		F.R. # 1001760111		SERV. SUPV. SCOTT D SMITH					
LEASE & WELL NAME GREAT WESTERN #35-52 - API 05123307480000			LOCATION 35-6N-67W			COUNTY-PARISH-BLOCK Weld Colorado						
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Ensign 7			TYPE OF JOB Long String						
SIZE & TYPE OF PLUGS			LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES						
Cement Plug, Rubber, Top 4-1/2 in			Float Shoe 4-1/2 - 8rd			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
			Float Collar, Auto Fill, 4-1/2 - 8rd									
MATERIALS FURNISHED BY BJ												
Fresh Water						0	8.34	0	0	00:00	40	
50:50 Poz + Additives						250	14.6	1.38	5.90	02:30	61.44	35.11
Claytreat Water						0	8.34	0	0	00:00	112.06	
Mud Clean II						0	8.5	0	0	00:00	20	
Fresh Water						0	8.34	0	0	00:00	40	
Premium Lite Cement + Additives						275	11	3.22	19.86	03:30	157.7	130.18
Available Mix Water <u>500</u> Bbl. Available Displ. Fluid <u>200</u> Bbl.						TOTAL					431.20	165.30
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
7.875	20	7267	4.5	11.6	CSG	7233	N-80	7233	7217	0		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.625	24	CSG	580	No Packer		0	0	0	4.5	8 RD	WATER BASED MU	9.3
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		
112.1	BBLS	Claytreat Water	8.34	976	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: 1			Circulation Rate: 7 BPM			
Mud Density In: 9.3 LBS/GAL Mud Density Out: 9.3 LBS/GAL						PV & YP Mud In:			PV & YP Mud Out:			
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: .75 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: 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				
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						
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) n/a		
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC) n/a		
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC) n/a		

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	4700 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
02:40	0	0	0	0	NONE	Pre Job Rig Up Safety Meeting	
04:10	0	0	0	0	NONE	Job Safety Meeting	
04:30		0	0	0	H2O	Pressure Test	
00:43	520	0	6.5	20	H2O	Pre Flush (Per Customer)	
04:41	575	0	6.5	20	H2O	Mud Clean II	
04:45	600	0	6.5	20	H2O	Spacer (Per Customer)	
04:52	650	0	6.5	100	CMT	275 sks PLC + 4% Bentonite; .6% Sodium Metasilicate; 8 lbs/sk CSE2	
05:09	110	0	6.5	58	CMT	Lead Slurry Rate / Pressure Change	
05:20	100	0	4.1	59	CMT	250 sks POZ + .3% CD32; .4% FL52; .1% Sodium Metasilicate; 20% Silica Flour	
05:34	0	0	0	0	NONE	Shut down, Wash up, Drop plug	
05:50	50	0	6.5	70	H2O	Displacement w/CT3C	
06:02	270	0	6.5	25	H2O	Displacement Rate / Pressure Change	
06:06	720	0	4.1	10	H2O	Displacement Rate / Pressure Change	
06:09	865	0	2.6	7	H2O	Displacement Rate / Pressure Change	
06:11	1040	0	2.6	112	H2O	Bump Plug	
06:15	0	0	0	0	NONE	Plug Down	
06:20	0	0	0	0	NONE	Post Job Rig Down Safety Meeting	

BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 2070	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 389	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: 10015
Customer: Great Western Oil & Gas
Well Name: Great Western 35-52

