

# CEMENT JOB REPORT



<b>CUSTOMER</b> GREAT WESTERN OIL & GAS			<b>DATE</b> 13-AUG-12		<b>F.R. #</b> 1001928782		<b>SERV. SUPV.</b> NATHANIEL J WINDHOLZ					
<b>LEASE &amp; WELL NAME</b> GREAT WESTERN #25-24-23 - API 0512335703000			<b>LOCATION</b> 25-6N-67W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado						
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> Cade 25			<b>TYPE OF JOB</b> Long String						
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>	<b>HANGER TYPES</b>		<b>MD</b>	<b>TVD</b>	
Cement Plug, Rubber, Top 4-1/2 In		Float Collar, Auto Fill, 4-1/2 - 8rd										
		Float Shoe 4-1/2 - 8rd										
		Centralizer, with Pins, 4-1/2 In										
<b>MATERIALS FURNISHED BY BJ</b>				<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>						
						<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>
ClayCare Water						0	8.34	0	0	00:00	20	
Tall						300	14.6	1.38	5.90	02:30	73.7	42.12
ClayCare Water						0	8.34	0	0	00:00	125.31	
Mud Clean II						0	8.5	0	0	00:00	20	
ClayCare Water						0	8.34	0	0	00:00	20	
Lead						310	11	3.22	19.86	03:30	177.8	146.78
Available Mix Water 400 Bbl.				Available Displ. Fluid 400 Bbl.		<b>TOTAL</b>				436.81		188.90
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>					<b>COLLAR DEPTHS</b>				
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>
7.875	0	7942	4	4.5	11.6	CSG	7914	7914	N-80	7914	7902	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>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>
8.1	8.63	24	CSG	702	700	NO LINER	0	0	0	4.5	8RD	WATER BASED
<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>		
122.8	BBLs	ClayCare Water	8.34	1190	0	0	0	0	6230	3000	RIG TANK	
<b>Circulation Prior to Job</b>												
Circulated Well: Rlg <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 25			Circulation Rate: 6 BPM			
Mud Density In: 9.3 LBS/GAL Mud Density Out: 9.3 LBS/GAL						PV & YP Mud In: 18			PV & YP Mud Out: 18			
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: Rlg <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: .4 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 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												

# 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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	4190 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
11:23	0	0	0	0	N/A	ARRIVE ON LOCATION	
11:30	0	0	0	0	N/A	PRE-RIG UP MEETING	
01:00	0	0	0	0	N/A	SAFETY MEETING	
01:17	2000	0	0	0	H2O	PRE-TEST	
01:22	4500	0	0	0	H2O	TEST	
01:23	600	0	6.4	20	H2O	PRE-FLUSH CT3C	
01:29	650	0	6.4	20	SAPP	MUD CLEAN II	
01:33	300	0	2.6	20	H2O	SPACER CT3C	
01:38	700	0	6.4	172	CMT	BATCH UP AND PUMP 310 SKS PLC + 4% Bentonite + 0.6% SM + 8 lbs/sack CSE-2 @ 11 PPG	
02:07	185	0	4.5	71	CMT	BATCH UP AND PUMP 300 SKS (50:50) Poz:G + 0.3% CD-32 + 0.4% FL-52 + 0.1% SM + 20% Silica Flour @ 14.6 ppg	
02:25	0	0	0	0	H2O	DROP PLUG AND WASH UP	
02:35	420	0	6.4	80	H2O	DISPLACE CT3C	
02:50	840	0	5.6	20	H2O	RATE CHANGE	
02:54	1230	0	4.1	17	H2O	RATE CHANGE	
02:58	1310	0	2.5	5.8	H2O	RATE CHANGE	
03:00	2560	0	0	0	H2O	PLUG DOWN	
03:02	0	0	0	0	N/A	PRE RIG DOWN MEETING	
BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 2575	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 448	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature: 



FIELDRECEIPT NO. 1001928782

CUSTOMER GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 00229266		INVOICE NUMBER	
MAIL STREET OR BOX NUMBER 503 MAIN ST				CITY Windsor		STATE Colorado		ZIP CODE 80550			
DATE WORK COMPLETED		MO. 08	DAY 13	YEAR 2012	BHI REPRESENTATIVE NATHANIEL J WINDHOLZ		WELL API NO: 05123357030000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 7,914		WELL CLASS : Gas				
WELL NAME AND NUMBER GREAT WESTERN #25-24-23					TD WELL DEPTH (ft) 7,942		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	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Class G Cement				sacks	150	29.700	4,455.00	55%	2,004.75	
100120	Bentonite				lbs	1079	0.500	539.50	55%	242.78	
100121	Silica Flour				lbs	5040	0.530	2,671.20	55%	1,202.04	
100275	Sodium Metasilicate				lbs	188	3.900	733.20	55%	329.94	
100317	Poz (Fly Ash)				sacks	150	13.200	1,980.00	55%	891.00	
398108	Mud Clean II				gals	840	1.610	1,352.40	55%	608.58	
398224	Premium Lite Cement				sacks	310	24.050	7,455.50	55%	3,354.98	
488013	CD-32				lbs	76	12.650	961.40	55%	432.63	
488015	FL-52				lbs	101	25.600	2,585.60	55%	1,163.52	
488019	FP-6L				gals	4	99.250	397.00	55%	178.65	
488353	CSE-2				lbs	2480	1.610	3,992.80	55%	1,796.76	
499702	ClayCare, Clay Treat-2C, 260 gl tote				gals	7	140.000	980.00	55%	441.00	
SUB-TOTAL FOR Product Material								28,103.60	55.00%	12,646.63	
ARRIVE LOCATION:				MO. 08	DAY 13	YEAR 2012	TIME 23:30		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								SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS			
								CUSTOMER AUTHORIZED AGENT			
								BHI APPROVED			



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WELL LOCATION:		LEGAL DESCRIPTION 25-6N-67W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE: Long String		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	161.500	161.50	0%	161.50	
M100	Bulk Materials Blending Charge				cu ft	786	4.170	3,277.62	55%	1,474.93	
SUB-TOTAL FOR Service Charges								3,439.12	52.42%	1,636.43	
F067A	Cement Pumping, 7001 - 8000 ft				6hrs	1	7,925.000	7,925.00	55%	3,566.25	
F090	Fuel per pump charge - cement				pump/hr	3	61.000	183.00	0%	183.00	
J050	Cement Head				job	1	635.000	635.00	55%	285.75	
J225	Data Acquisition, Cement, Standard				job	1	1,635.000	1,635.00	55%	735.75	
J390	Mileage, Heavy Vehicle				miles	96	9.100	873.60	55%	393.12	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	96	5.150	494.40	55%	222.48	
SUB-TOTAL FOR Equipment								11,746.00	54.14%	5,366.35	
J401	Bulk Delivery, Dry Products				ton-mi	1471	3.030	4,457.13	55%	2,005.71	
SUB-TOTAL FOR Freight/Delivery Charges								4,457.13	55.00%	2,005.71	
FIELD ESTIMATE								47,745.85	54.60%	21,675.12	
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. SHAWN ARMSTRONG						CUSTOMER AUTHORIZED AGENT X					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						BHI APPROVED X					



BJ Services JobMaster Program Version 3.50

Job Number: 1001928782

Customer: Great Western

Well Name: Great Western 25-24-23

