

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 31-JUL-12	F.R. # 1001926091	SERV. SUPV. CHRISTOPHER M MCKEON	
LEASE & WELL NAME GREAT WESTERN 25-24-24 - API 05123356990000		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
Cement Plug, Rubber, Top 4-1/2 in	Cement Basket, Slip On, 4-1/2 in				
	Centralizer, with Pins, 4-1/2 in				
	Float Collar, Auto Fill, 4-1/2 - 8rd				
	Float Shoe 4-1/2 - 8rd				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
ClayCare Water		0	8.34	0	0
50:50 Poz+.3%CD32+.4%FL52+.1%SMS+20%SF		305	14.6	1.38	5.90
ClayCare Water		0	8.34	0	0
Mud Clean II		0	8.5	0	0
ClayCare Water		0	8.34	0	0
PL+.6%SMS+8#/skCSE2		315	11	3.22	19.86
Available Mix Water 400 Bbl.	Available Displ. Fluid 400 Bbl.	TOTAL		365	132.52
HOLE		TBG-CSG-D.P.			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
7.875	20	7850	4	4.5	11.6
					CSG
					7823
					7264
					N-80
					7823
					7810
					STAGE
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF DEPTH	
ID	OD	WGT	TYPE	MD	TVD
8.1	8.63	24	CSG	702	702
		BRAND & TYPE		DEPTH	
		No packer		0	
				0	
				4.5	
				8RD	
				WATER BASED	
				9.6	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
122	BBLS	ClayCare Water	8.34	989	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: 3		Circulation Rate: 6 BPM	
Mud Density In: 9.6 LBS/GAL		Mud Density Out: 9.6 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"/>					
Displacement And Mud Removal					
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: 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 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					
Plugs					
Number of Attempts by BJ: 0		Competition: 0		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
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: NA					

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)
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 4372 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
05:45	0	0	0	0	NA	Arrive location			
05:50	0	0	0	0	NA	Spot trucks			
05:55	0	0	0	0	NA	Rig up safety meeting			
06:30	0	0	0	0	NA	Pre job safety meeting			
06:52	3195	0	0	0	H2O	Low pressure test			
06:54	4372	0	0	0	H2O	High pressure test			
06:55	473	0	7.2	20	H2O	ClayCare			
07:00	517	0	7.2	20	H2O	Mud Clean II			
07:03	623	0	7.2	20	H2O	ClayCare			
07:10	202	0	7.3	179	CMT	Batch up, weigh and pump 315 sx. PLC @ 11.0 ppg.			
07:42	156	0	5	73	CMT	Batch up, weigh and pump 305 sx. 50/50 Poz @ 14.6 ppg.			
08:04	0	0	0	0	NA	Drop plug/ wash up			
08:12	218	0	7.2	75	H2O	Start ClayCare displacement			
08:23	847	0	6	25	H2O	Rate change			
08:27	903	0	4.8	10	H2O	Rate change			
08:29	1046	0	3.6	5	H2O	Rate change			
08:31	1152	0	2.4	7	H2O	Rate change			
08:34	1176	0	2.4	122	H2O	Bump plug			
08:36	2637	0	0	0	NA	Plug down			
08:37	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	1176	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	434	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



FIELD RECEIPT NO. 1001926091

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. 07	DAY 31	YEAR 2012	BHI REPRESENTATIVE CHRISTOPHER M MCKEON		WELL API NO: 05123356990000		WELL TYPE : New Well		
DISTRICT BUS, BRIGHTON					JOB DEPTH (ft) 7,823		WELL CLASS : Gas				
WELL NAME AND NUMBER GREAT WESTERN 25-24-24					TD WELL DEPTH (ft) 7,850		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	153	29.700	4,544.10	55%	2,044.85	
100120	Bentonite				lbs	1097	0.500	548.50	55%	246.83	
100121	Silica Flour				lbs	5124	0.530	2,715.72	55%	1,222.07	
100275	Sodium Metasilicate				lbs	191	3.900	744.90	55%	335.21	
100317	Poz (Fly Ash)				sacks	153	13.200	2,019.60	55%	908.82	
398106	Mud Clean II				gals	840	1.610	1,352.40	55%	608.58	
398224	Premium Lite Cement				sacks	315	24.050	7,575.75	55%	3,409.09	
488013	CD-32				lbs	77	12.650	974.05	55%	438.32	
488015	FL-52				lbs	103	25.600	2,636.80	55%	1,186.56	
488019	FP-6L				gals	5	99.250	496.25	55%	223.31	
488353	CSE-2				lbs	2520	1.610	4,057.20	55%	1,825.74	
499702	ClayCare, Clay Treat-2C, 260 gl tote				gals	9	140.000	1,260.00	55%	567.00	
SUB-TOTAL FOR Product Material								28,925.27	55.00%	13,016.38	
ARRIVE LOCATION :		MO. 07	DAY 31	YEAR 2012	TIME 05:45		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 X				
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS							BHI APPROVED X				



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PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	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	799	4.170	3,331.83	55%	1,499.32		
	SUB-TOTAL FOR Service Charges						3,493.33	52.46%	1,660.82		
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	4	61.000	244.00	0%	244.00		
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	78	9.100	709.80	55%	319.41		
J391	Mileage, Auto, Pick-Up or Treating Van			miles	78	5.150	401.70	55%	180.77		
	SUB-TOTAL FOR Equipment						11,550.50	53.84%	5,331.93		
J401	Bulk Delivery, Dry Products			ton-mi	1215	3.030	3,681.45	55%	1,656.65		
	SUB-TOTAL FOR Freight/Delivery Charges						3,681.45	55.00%	1,656.65		
	FIELD ESTIMATE						47,650.55	54.53%	21,665.78		
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