

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 26-AUG-12	F.R. # 1001931406	SERV. SUPV. REESE A ANDERSON									
LEASE & WELL NAME GREAT WESTERN 25-23 - API 05123357070000		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									
Cement Plug, Rubber, Top 4-1/2 in		Float Collar, Auto Fill, 4-1/2 - 8rd		MD TVD HANGER TYPES MD TVD									
		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								
ClayCare Water			0	8.34	0								
50:50 Poz+.3%CD32+.4%FL52+.1%SMS+20%SF			300	14.6	1.38								
ClayCare Water		0	0	8.34	0								
Mud Clean II		0	0	8.5	0								
ClayCare Water		0	0	8.34	0								
PL+.6%SMS+8#/skCSE2		0	310	11	3.22								
Available Mix Water 450 Bbl.		Available Displ. Fluid 450 Bbl.	TOTAL		405.80 189.23								
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
7.875	5	7362	4	4.5	11.6	CSG	7362	7288	N-80	7301	7261	7281	
LAST CASING		PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID			
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.1	8.63	24	CSG	702	700	NO PACKER	0	0	0	4.5	8 RD	WATER BASED	9.1
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	MIX WATER		
113	BBLs	ClayCare Water	8.34	2500	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: 6 BPM					
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 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 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"/> RECIPROICATION <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				Top of Plug: 0 FT					
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				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													

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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		

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
	PIPE	ANNULUS				
						SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
						TEST LINES 4229 Psi
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
11:30	0	0	0	0	NA	YARD CALL
14:30	0	0	0	0	NA	LEAVE YARD
15:41	0	0	0	0	NA	ARRIVE ON LOCATION
15:42	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP
16:21	0	0	0	0	NA	SAFETY MEETING
16:43	4229	0	0	0	H2O	PRESSURE TEST
16:46	423	0	7.2	20	H2O	CLAYCARE SPACER
16:49	448	0	7.2	20	H2O	MUD CLEAN II
16:53	437	0	7.2	20	H2O	CLAYCARE SPACER
16:58	123	0	6.8	177	CMT	310 SACKS 11.0 PPG CEMENT
17:28	83	0	4.4	74	CMT	300 SACKS 14.6 PPG CEMENT
17:48	0	0	0	0	NA	DROP PLUG/WASH PUMPS AND LINES
17:56	1002	0	7.2	95	H2O	DISPLACEMENT
18:09	1145	0	5.8	10	H2O	RATE CHANGE
18:12	1287	0	3.7	8	H2O	RATE CHANGE
18:15	2560	0	3.7	113	H2O	BUMP PLUG
18:18	0	0	0	0	NA	BLEED OFF/TEST FLOATS
18:20	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN

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	2560	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	424	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

FIELD RECEIPT NO. 1001931406



CUSTOMER		GREAT WESTERN OIL & GAS		CREDIT APPROVAL NO.	PURCHASE ORDER NO.		CUSTOMER NUMBER	INVOICE NUMBER
MAIL		STREET OR BOX NUMBER		CITY		STATE	ZIP CODE	
INVOICE TO :		503 MAIN ST		Windsor		Colorado	80550	
DATE WORK COMPLETED	MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO.	WELL TYPE :	WELL CLASS :	
08	08	26	2012	REESE A ANDERSON	05123357070000	New Well	Gas	
DISTRICT		B.S. BRIGHTON		JOB DEPTH (ft)		WELL DEPTH (ft)		
WELL NAME AND NUMBER		GREAT WESTERN 25-23		7.301		7.343		
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		
25-6N-67W		Weld		Colorado		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		sacks	840	1.610	1,352.40	55%	608.58
399224	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	5	99.250	496.25	55%	223.31
488353	CSE-2		lbs	2480	1.610	3,992.80	55%	1,796.76
499702	ClayCare, Clay Treat-2C, 260 gl tote		gals	8	140.000	1,120.00	55%	504.00
SUB-TOTAL FOR Product Material						28,342.85	55.00%	12,754.29

ARRIVE LOCATION : MO. 08 DAY 26 YEAR 2012 TIME 15:41

CUSTOMER REP. MATT JOHNSON

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT

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

X CUSTOMER AUTHORIZED AGENT

X BHI APPROVED



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08	26	2012	2012	REESE A ANDERSON	05123357070000	New Well	Gas
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		WELL DEPTH (ft)	
GREAT WESTERN 25-23		GREAT WESTERN 25-23		7.301		7.343	
WELL NAME AND NUMBER		LEGAL DESCRIPTION		COUNTY/PARISH		JOB TYPE CODE :	
GREAT WESTERN 25-23		25-6N-67W		Weld		No Gas	
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		JOB TYPE CODE :	
GREAT WESTERN 25-23		25-6N-67W		Weld		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	hrs	1	7,925.000	7,925.00	55%	3,566.25
F090	Fuel per pump change - 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	94	9.100	855.40	55%	384.93
J391	Mileage, Auto, Pick-Up or Treating Van	miles	94	5.150	484.10	55%	217.85
	SUB-TOTAL FOR Equipment				11,778.50	53.86%	5,434.53
J401	Bulk Delivery, Dry Products	ton-mi	1441	3.030	4,386.23	55%	1,964.80
	SUB-TOTAL FOR Freight/Delivery Charges				4,386.23	55.00%	1,964.80
	FIELD ESTIMATE				47,926.70	54.53%	21,790.05
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CUSTOMER REP. MATT JOHNSON				CUSTOMER AUTHORIZED AGENT			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT			
				BHI APPROVED			
				X			