

# CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 10-OCT-12	F.R. # 1001940286	SERV. SUPV. JASON L SJOBERG	
LEASE & WELL NAME ANDREWS #26-13 - API 05123360350000		LOCATION 26-7N-65W		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		Guide Shoe, Cement Nose, 4-1/2 in		None 0 0	
		Float Collar, Auto Fill, 4-1/2 - 8rd			
		Centralizer, with Pins, 4-1/2 in			
		Cement Basket, Slip On, 4-1/2 in			
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>
Treated Water		0	0	8.34	0
Tail		0	295	14.6	1.39
Treated Water		0	0	8.34	0
Mud Clean II		0	0	8.5	0
Treated Water		0	0	8.34	0
Lead		0	290	11	3.22
Available Mix Water 450 Bbl.		Available Displ. Fluid 450 Bbl.	TOTAL		416.05 178.94
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID OD	WGT.	TYPE
7.875	0	7532	4 4.5	11.6	CSG
				7503	7503 N-80
				7503	7482
					0
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH
ID	OD	WGT	TYPE	MD	TVD
8.1	8.63	24	CSG	739	739
		No Packer			0
					0
					0
					4.5
					8RND
					WATER BASED
					9.3
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
117.3	BBLS	Treated Water	8.34	1113	0
				0	0
				0	0
				6224	3000
					Rig
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: 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"/> 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 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"/>	
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: None					

# 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)									
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									
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 4218 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
23:45	0	0	0	0	N/A	Yard Call			
01:30	0	0	0	0	N/A	Leave Yard			
02:40	0	0	0	0	N/A	Arrive on Location			
03:10	0	0	0	0	N/A	Spot Trucks			
03:20	0	0	0	0	N/A	Pre Rig-up Safety Meeting			
04:15	0	0	0	0	N/A	Job Safety Meeting			
04:37	4218	0	0	0	N/A	Pressure Test Pump and Lines			
04:41	456	0	6	20	H2O	Preflush Fresh Water Clay Care			
04:47	475	0	6	20	H2O	Preflush Mud Clean II			
04:50	547	0	6	20	H2O	Preflush Fresh Water Clay Care			
04:55	522	0	6.4	160	CMT	Batch, Weigh, Pump 11# PLC + 4% Bentonite + .6% SMS + 8 lbs/sack CSE-2			
05:28	347	0	5	70	CMT	Pump 14.6# (50:50) Poz (Fly Ash) Class G + .3% CD-32 + .4% FL-52 + .9% SMS + 20% Silica Flour			
06:06	0	0	0	0	N/A	Drop Plug			
06:18	181	0	7.2	90	H2O	Displacement			
06:33	915	0	5.1	16	H2O	Drop Rate			
06:36	1288	0	3.6	11	H2O	Drop Rate			
06:39	1518	0	3.6	117	H2O	Bump Plug			
06:42	2020	0	0	0	N/A	Check Floats			
06:44	0	0	0	0	N/A	Post Job 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	1518	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	407	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N			





FIELD RECEIPT NO. 1001940286

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 MO. DAY YEAR		DATE WORK MO. DAY YEAR		WELL API NO: 05123360350000		WELL TYPE: New Well					
COMPLETED 10 10 2012		COMPLETED 10 10 2012		JASON L SJOBERG		WELL CLASS: Gas					
DISTRICT BJS, BRIGHTON				JOB DEPTH(ft) 7,503		GAS USED ON JOB: No Gas					
WELL NAME AND NUMBER ANDREWS #26-13				TD WELL DEPTH(ft) 7,532		JOB TYPE CODE: Long String					
WELL LOCATION: 26-7N-65W				COUNTY/PARISH Weld		STATE Colorado					
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100021	Class G Cement			sacks	148	29.700	4,395.60	55%	1,978.02		
100120	Bentonite			lbs	1010	0.500	505.00	55%	227.25		
100121	Silica Flour			lbs	4956	0.530	2,626.88	55%	1,182.01		
100275	Sodium Metasilicate			lbs	375	3.900	1,462.50	55%	658.13		
100317	Poz (Fly Ash)			sacks	148	13.200	1,953.60	55%	879.12		
398108	Mud Clean II			gals	840	1.610	1,352.40	55%	608.58		
398224	Premium Lite Cement			sacks	290	24.050	6,974.50	55%	3,138.53		
488013	CD-32			lbs	75	12.650	948.75	55%	426.94		
488015	FL-52			lbs	100	25.600	2,560.00	55%	1,152.00		
488019	FP-6L			gals	5	99.250	496.25	55%	223.31		
488353	CSE-2			lbs	2320	1.610	3,735.20	55%	1,680.84		
499702	ClayCare, Clay Treat-2C, 260 gl tote			gals	8	140.000	1,120.00	55%	504.00		
SUB-TOTAL FOR Product Material							28,130.48	55.00%	12,658.73		
ARRIVE LOCATION : 10 11 2012 02:40				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				SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT X			
				CUSTOMER AUTHORIZED AGENT				BHI APPROVED X			

37402

Report Printed on: October 11, 2012 6:05 AM



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CUSTOMER				GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.				PURCHASE ORDER NO.				CUSTOMER NUMBER				INVOICE NUMBER			
MAIL INVOICE TO				STREET OR BOX NUMBER				CITY				STATE				ZIP CODE							
				503 MAIN ST				Windsor				Colorado				80550							
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :		WELL CLASS :		GAS USED ON JOB :										
10		10	10	2012	JASON L SJOBERG		05123360350000		New Well		Gas		No Gas										
DISTRICT				BJS. BRIGHTON				JOB DEPTH (ft)				7,503											
WELL NAME AND NUMBER				ANDREWS #26-13				TD WELL DEPTH (ft)				7,532											
WELL LOCATION :				LEGAL DESCRIPTION				COUNTY/PARISH				STATE				JOB TYPE CODE :							
				26-7N-65W				Weld				Colorado				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	161.50	161.50	0%	161.50													
M100	Bulk Materials Blending Charge				cu ft	756	4.170	3,152.52	55%	1,418.63													
	SUB-TOTAL FOR Service Charges							3,314.02	52.32%	1,580.13													
F067A	Cement Pumping, 7001 - 8000 ft				6hrs	1	7,925.00	7,925.00	55%	3,566.25													
F090	Fuel per pump charge - cement				pump/hr	4	61.00	244.00	0%	244.00													
J050	Cement Head				job	1	635.00	635.00	55%	285.75													
J225	Data Acquisition, Cement, Standard				job	1	1,635.00	1,635.00	55%	735.75													
J390	Mileage, Heavy Vehicle				miles	82	9.100	746.20	55%	335.79													
J391	Mileage, Auto, Pick-Up or Treating Van				miles	82	5.150	422.30	55%	190.04													
	SUB-TOTAL FOR Equipment							11,607.50	53.84%	5,357.58													
J401	Bulk Delivery, Dry Products				ton-mi	1210	3.030	3,666.30	55%	1,649.84													
	SUB-TOTAL FOR Freight/Delivery Charges							3,666.30	55.00%	1,649.84													
	FIELD ESTIMATE							46,718.30	54.52%	21,246.28													
ARRIVE LOCATION :					MO.	DAY	YEAR	TIME	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.														
					10	11	2012	02:40															
CUSTOMER REP.					Shawn Armstrong					SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.													
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT					CUSTOMER AUTHORIZED AGENT													
										X													
										X													
										BHI APPROVED													