

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 20-JUN-12		F.R. # 1001916458		SERV. SUPV. RYAN R STEVENS	
LEASE & WELL NAME H-Y 20-23-18 - API 05123354300000		LOCATION 29-6N-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		Float Collar, AI Flap, 4-1/2 - 8rd					
		Float Shoe 4-1/2 - 8rd					
		Centralizer, with Pins, 4-1/2 in					
		Cement Basket, Slip On, 4-1/2 in					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
ClayCare Water		N/A		0	8.34	0	0
50:50 Poz+.3%CD32+.4%FL52+.1%SMS+20%SF		C06-066-12		300	14.6	1.38	5.90
ClayCare Water		N/A		0	8.34	0	0
Mud Clean II		N/A		0	8.5	0	0
ClayCare Water		N/A		0	8.34	0	0
PL+.6%SMS+8#/skCSE2		C06-066-12		300	11	3.22	19.86
Available Mix Water 800 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		426.24	
SIZE		% EXCESS		DEPTH		HOLE	
7.875		0		7774		7774	
ID		OD		WGT.		TYPE	
4		4.5		11.6		CSG	
MD		TVD		GRADE		SHOE	
7768		7768		N-80		7768	
COLLAR DEPTHS		FLOAT		STAGE			
7755						0	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID		OD		WGT.		TYPE	
8.1		8.63		24		CSG	
MD		TVD		BRAND & TYPE		DEPTH	
854		850		No liner		0	
TOP		BTM		SIZE		THREAD	
0		0		4.5		8RD	
WELL FLUID		TYPE		WGT.			
WATER BASED				9.3			
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME		UOM		TYPE		WGT.	
120.5		BBLs		ClayCare Water		8.34	
BUMP PLUG		TO REV.		SQ. PSI		RATED	
1284		0		0		0	
MAX TBG PSI		MAX CSG PSI		Operator		MAX TBG PSI	
6224		3000		Rig tank			
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 9.3 LBS/GAL				Mud Density Out: 9.3 LBS/GAL			
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: 20 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 Completion: 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			
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 4133 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
13:00	0	0	0	0	N/A	Yard call
16:05	0	0	0	0	N/A	Arrived on location (Custmer requested on loc. of 1500) (rig was ready upon our arrival)
16:23	0	0	0	0	N/A	Spot trucks
16:25	0	0	0	0	N/A	Pre rig up safety meeting
16:49	0	0	0	0	N/A	Pre rig up safety meeting
17:23	4133	0	0	0	WATER	Pressure test pumps and lines
17:28	423	0	7.2	20	WATER	Clay care water spacer
17:30	429	0	7.2	20	WATER	Mud clean II spacer
17:34	460	0	7.2	20	WATER	Clay care water Spacer
17:40	551	0	7.2	168	CEMENT	Batch up, wrigh and pump 300 SXS of PLC + 4% Bentonite + 0.6% SMS + 8 Lbs/sack CSE-2 @ 11 PPG
18:05	250	0	6	73	CEMENT	Batch up, weigh and pump 300 SXS of 50:50 POZ (fly ash) : Class G cement + 0.3% CD-32 + 0.4% FL-52 + 0.1% SMS + 20 % S-8 @ 14.6 PPG
18:21	0	0	0	0	N/A	Drop plug/ wash pumps and lines
18:30	643	0	7.2	90	WATER	Clay casre water displacement
18:43	942	0	6	10	WATER	Drop rate
18:45	1020	0	4.8	10	WATER	Drop rate
18:47	1275	0	3.6	10.5	WATER	Drop rate
18:49	2516	0	3.6	120.5	WATER	Bump plug
18:51	0	0	0	0	N/A	Check floats, did not hold
18:56	2525	0	2.4	1	WATER	Rebump plug
19:00	0	0	0	0	N/A	Check flaots, Floats held 1 BBL Back
19:01	0	0	0	0	N/A	Pre rig down safety meeting
19:45	0	0	0	0	N/A	Time off location

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	2516	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	421.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



FIELD RECEIPT NO. 1001916453

CUSTOMER				GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.				PURCHASE ORDER NO.				CUSTOMER NUMBER				INVOICE NUMBER			
MAIL				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 :		JOB TYPE CODE :							
06 20 2012		06 20		2012		RYAN R STEVENS		05123354300000		New Well		Gas		No Gas		Long String							
DISTRICT				JOB DEPTH (ft)				TD WELL DEPTH (ft)				WELL CLASS :				GAS USED ON JOB :							
BJS, BRIGHTON				7,768				7,774				Gas				No Gas							
WELL NAME AND NUMBER				LEGAL DESCRIPTION				COUNTY/PARISH				STATE				JOB TYPE CODE :							
H-Y 20-23-18				29-6N-67W				Weld				Colorado				Long String							
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		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		1044		0.500		522.00		55%		234.90									
100121		Silica Flour		lbs		5040		0.530		2,671.20		55%		1,202.04									
100275		Sodium Metasilicate		lbs		183		3.900		713.70		55%		321.17									
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		300		24.050		7,215.00		55%		3,246.75									
438013		CD-32		lbs		76		12.650		961.40		55%		432.63									
438015		FL-52		lbs		101		25.600		2,585.60		55%		1,163.52									
438019		FP-6L		gals		5		99.250		496.25		55%		223.31									
438353		CSE-2		lbs		2400		1.610		3,864.00		55%		1,738.80									
499702		ClayCare, Clay Treat-2C, 260 gl tote		gals		9		140.000		1,260.00		55%		567.00									
		SUB-TOTAL FOR Product Material								28,076.55		55.00%		12,634.45									

ARRIVE LOCATION :				MO. DAY YEAR				TIME			
06 20 2012				16:05							
CUSTOMER REP.				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.							
Matt Johnson											
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT							
				X							
				BHI APPROVED							
				X							



FIELD RECEIPT NO. 1001916458

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MAIL				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 :		JOB TYPE CODE :							
06 20 2012		06 20		2012		RYAN R STEVENS		05123354300000		New Well		Gas		No Gas		Long String							
DISTRICT				BJS, BRIGHTON				JOB DEPTH (ft)				TD WELL DEPTH (ft)				WELL TYPE CODE :							
								7,768				7,774											
WELL NAME AND NUMBER				H-Y 20-23-18				COUNTY/PARISH				STATE				JOB TYPE CODE :							
								Weid				Colorado											
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		773		4.170		3,223.41		55%		1,450.53									
		SUB-TOTAL FOR Service Charges								3,384.91		52.38%		1,612.03									
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		76		9.100		691.60		55%		311.22									
J391		Mileage, Auto, Pick-Up or Treating Van		miles		76		5.150		391.40		55%		176.13									
		SUB-TOTAL FOR Equipment								11,522.00		53.84%		5,319.10									
J401		Bulk Delivery, Dry Products		ton-mi		1146		3.030		3,472.38		55%		1,562.57									
		SUB-TOTAL FOR Freight/Delivery Charges								3,472.38		55.00%		1,562.57									
		FIELD ESTIMATE								46,455.84		54.52%		21,128.15									

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.			
06 20 2012				16:05								SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.			
CUSTOMER REP.				Matt Johnson				X				CUSTOMER AUTHORIZED AGENT			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				X				BHI APPROVED							