

CEMENT JOB REPORT



CUSTOMER Great Western Oil & Gas LLC		DATE 06-FEB-11		F.R. # 1001757559		SERV. SUPV. SCOTT D SMITH	
LEASE & WELL NAME HCW #24-14 - API 05123314980000		LOCATION Sec.24 - T6N - R67W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Ensign 7		TYPE OF JOB Long String			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
Cement Plug, Rubber, Top 4-1/2 in		Float Shoe 4-1/2 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
		Float Collar, Auto Fill, 4-1/2 - 8rd					PUMP TIME HR:MIN
MATERIALS FURNISHED BY BJ							Bbl SLURRY
Fresh Water				0	8.34	0	40
50:50 Poz + Additives				275	14.6	1.38	67.58
Claytreat Water				0	8.34	0	116
Mud Clean II				0	8.5	0	20
Fresh Water				0	8.34	0	40
Premium Lite Cement + Additives				295	11	3.22	169.17
Available Mix Water 600 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL		452.75	178.28
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
7.875	20	7298	4.5	11.6	CSG	7272	N-80
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM
8.625	24	CSG	580	No packer	0	0	0
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
112.8	BBLS	Claytreat Water	8.34	1043	0	0	0
							MAX CSG PSI
							Operator
							RATED
							Operator
							MIX WATER
							Rig Tank
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: 9.6 LBS/GAL Mud Density Out: 9.6 LBS/GAL				PV & YP Mud In: 10		PV & YP Mud Out: 10	
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 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"/>		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							
PRESSURE/RATE DETAIL				EXPLANATION			

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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)
n/a

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
B side inventory tank valve stuck during displacement

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
n/a

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	4300 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:20	0	0	0	0	NONE	Pre Job Rig Up Safety Meeting	
05:00	0	0	0	0	NONE	Job Safety Meeting	
05:30	4300	0	0	0	H2O	Pressure Test	
05:35	570	0	7.2	20	H2O	Pre Flush (Per Customer)	
05:39	580	0	7.2	20	H2O	Mud Clean II	
05:42	670	0	7.2	20	H2O	Spacer (Per Customer)	
05:45	660	0	7.3	85	CMT	295 sks PLC + 4% Bentonite; .6% Sodium Metasilicate; 8 lbs/sk CSE2	
05:58	210	0	7.4	77	CMT	Lead Slurry Rate / Pressure Change	
06:09	200	0	5	63	CMT	275 sks POZ + .3% CD32; .4% FL52; .1% Sodium Metasilicate; 20% Silica Flour	
06:22	0	0	0	0	NONE	Shut Down, Wash Up, Drop Plug	
06:28	150	0	7.2	65	H2O	Displacement	
06:38	325	0	7.2	25	H2O	Displacement Rate / Pressure Change	
06:41	830	0	6	10	H2O	Displacement Rate / Pressure Change	
06:43	990	0	4.8	5	H2O	Displacement Rate / Pressure Change	
06:44	990	0	2.4	7	H2O	Displacement Rate / Pressure Change	
06:47	1120	0	2.4	112	H2O	Bump Plug	
06:50	0	0	0	0	NONE	Plug Down	
06:50	0	0	0	0	NONE	Post Job Rig Down Safety Meeting	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 2380	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 397	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:



BJ Services JobMaster Program Version 3.50

Job Number: 100757559

Customer: Great Western Oil & Gas

Well Name: HCW 24-14

