

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	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
		Float Collar, Auto Fill, 4-1/2 - 8rd										
MATERIALS FURNISHED BY BJ												
Fresh Water					0	8.34	0	0	00:00	40		
50:50 Poz + Additives					275	14.6	1.38	5.90	02:30	67.58	38.62	
Claytreat Water					0	8.34	0	0	00:00	116		
Mud Clean II					0	8.5	0	0	00:00	20		
Fresh Water					0	8.34	0	0	00:00	40		
Premium Lite Cement + Additives					295	11	3.22	19.86	03:30	169.17	139.65	
Available Mix Water <u>600</u> Bbl. Available Displ. Fluid <u>200</u> Bbl.					TOTAL					452.75	178.28	
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
7.875	20	7298	4.5	11.6	CSG	7272	N-80	7272	7258	0		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.625	24	CSG	580	No packer		0	0	0	4.5	8 RD	WATER BASED MU	9.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
112.8	BBLS	Claytreat Water	8.34	1043	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: 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"/> 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							
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						

CEMENT JOB REPORT



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	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	2380	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	397	0	Y <input checked="" type="checkbox"/> N	



BJ Services JobMaster Program Version 3.50

Job Number: 100757559

Customer: Great Western Oil & Gas

Well Name: HCW 24-14

