

CEMENT JOB REPORT



CUSTOMER EnCana Oil & Gas USA Inc			DATE 12-NOV-05		F.R. # 412110105		SERV. SUPV. Keith Oplinger			
LEASE & WELL NAME 11428 BENZEL 1-11C - API 05045XXXXXX			LOCATION SEC1- T7S- R93W				COUNTY-PARISH-BLOCK Garfield Colorado			
DISTRICT Grand Junction			DRILLING CONTRACTOR RIG # CAZA 286				TYPE OF JOB Surface			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES					
BJ Cement Plug, Rubber, Top 8-5/8 in	Guide Shoe, Cement Nose, 8-5/8 in	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
	Float Collar, Ball Valve, 8-5/8 - 8rd								
MATERIALS FURNISHED BY BJ									
FRESH WATER			8.34				40		
PREM CMT II+ 1% CACL2, 1/4 CELLO FLAKE		1,029	15.3	1.24	5.61	02:00	227	137.29	
FRESH WATER			8.34				93.5		
Available Mix Water 400 Bbl.		Available Displ. Fluid 223 Bbl.		TOTAL		360.5 137.29			

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
12.25	64	1520	8.625	24	CSG	950.5	J-55	1520	1475.8	0
			8.625	32	CSG	487	J-55			
			9.625	53.5	CSG	83.3	J-55			

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.
				NO PACKER	0	0	0	9.625	8 RND	WATER BASED MU	10.2

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	
93.5	BBLS	FRESH WATER	8.34	534	0	0	0	0	2950	2360	RIG

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: .75 Circulation Rate: 5 BPM

Mud Density In: 10.2 LBS/GAL Mud Density Out: 10.2 LBS/GAL PV & YP Mud In: 40 PV & YP Mud Out: 40

Gas Present: NO ☒ YES ☐ Units: Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: .5 BBLS

Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL Method Used to Verify Returns: VISUALLY

Cement Returns at Surface: ☒ YES ☐ NO Were Returns Planned at Surface: ☐ NO ☒ YES

Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☐ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☐ NO ☒ YES Quantity: 6 Type: ☐ BOW ☐ RIGID

Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: Competition: Wiper Balls Used: ☒ NO ☐ YES Quantity:

Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES

Was There a Bottom: ☒ NO ☐ YES Top of Plug: FT Bottom of Plug: FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☐

Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ YES PSI Applied: Fluid Weight: LBS/GAL

Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: PSI With LBS/GAL Mud Time Held: Hours Minutes

Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: FT Target EMW: LBS/GAL Actual EMW: LBS/GAL

Number of Times Tests Conducted: Mud Weight When Test was Conducted: LBS/GAL

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Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

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	3300 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
22:00						ARRIVE LOCATION/ PRE RIG UP MEETING		
12:35						PRE JOB SAFETY MEETING		
01:10	3300				H2O	TEST LINES		
01:16	130		5.3	40	H2O	START H2O SPACER		
01:30	185		3	225	CMT	MIX SLURRY @ 15.3 PPG		
02:44				0	CMT	SHUTDOWN/ DROP PLUG		
02:48	175		2.5	0	H2O	START DISPLACEMENT		
02:50	180		2.5	10	H2O	RETURNS TO PIT		
02:52	260		5.3	10	H2O	RATE & PRESSURE		
02:57	385		5.3	20	H2O	RATE & PRESSURE		
03:03	485		5.3	20	H2O	RATE & PRESSURE		
03:08	510		2	24	H2O	SLOW RATE TO BUMP		
03:11	1006		2	10	H2O	BUMP PLUG/ FLOAT HOLDING		
					H2O	FLOW BACK .5 BBL		
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	1006	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	84	359	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		



BJ Services JobMaster Program Version 3.00
Job Number: 412110105
Customer: ENCANA OIL & GAS
Well Name: BENZEL 1-11C

Pressure, Rate and Density

