

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC		DATE 23-JUN-13		F.R. # 1001996667		SERV. SUPV. AARON M MCWILLIAMS	
LEASE & WELL NAME RINN NORTH #13-9 - API 05123338920000		LOCATION 9-2N-68W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 122		TYPE OF JOB Surface			

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Top 8-5/8 in	Float Shoe 8-5/8 - 8rd	None	0	0	None	0	0
None	Float Collar, Auto Fill, 8-5/8 - 8rd	None	0	0	None	0	0
	Cement Basket, Slip On, 8-5/8 in	None	0	0	None	0	0
	Centralizer, with Pins, 8-5/8 in						

PHYSICAL SLURRY PROPERTIES								
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water	0	0	8.34	0	0	00:00	48.1	
Fresh Water + Dye	0	0	8.34	0	0	00:00	30	
Type III + 1.5% CaCl ₂ + 1.5% CF	0	320	14.5	1.41	6.82	02:30	80.14	51.96
Available Mix Water 400 Bbl. Available Displ. Fluid 200 Bbl.							TOTAL	158.24 51.96

HOLE				TBG-CSG-D.P.				COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	40	807	8.097	8.625	24	CSG	798	798	J-55	798	756	0

LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH				TOP CONN				WELL FLUID			
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.						
No Packer							0			8.625	8RD	WATER BASED	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	Rig tank
49	BBLS	Fresh Water	8.34	243	0	0	0	0	2360	1000	

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: .5	
Mud Density In: 9.4 LBS/GAL		Mud Density Out: 9.4 LBS/GAL	
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>		Units: 0	
		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: 0 BBLS	
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		Method Used to Verify Returns: Visually	
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" 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: 4	
		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	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <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

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT
 Number of Times Tests Conducted: 0
 Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
 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)
 Did not bump plug shut down at 49 bbl's one bbl over.

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	2617 PSI	CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
16:00	0	0	0	0	N/A	Yard call			
18:00	0	0	0	0	N/A	Leave yard			
18:35	0	0	0	0	N/A	Arrive on location 24 miles			
19:15	0	0	0	0	N/A	Spot trucks			
19:20	0	0	0	0	N/A	Pre rig up safety meeting			
19:45	0	0	0	0	N/A	Pre job safety meeting			
20:07	20	0	1	2	H2O	Load pumps and lines			
20:09	2617	0	0	0	H2O	Pressure test pumps and lines			
20:12	129	0	4.8	20	H2O	Fresh water pre flush			
20:17	139	0	4.8	10	H2O	Dyed spacer			
20:24	335	0	4.8	80	CMT	Batch up and pump 320 sks of Type III + 0.08 lbs/sack+ 1.5% Cal + 0.15 lbs/sack Cello Flake 14.5 ppg 1.41 yield 6.82 gps			
20:43	0	0	0	0	N/A	Drop plug			
20:46	357	0	6	30	H2O	Displacement			
20:51	380	0	4.8	10	H2O	Displacement rate change			
20:53	336	0	2.4	9	H2O	Displacement rate change			
20:56	230	0	0	0	N/A	Plug down @ 49 bbl's 12 bbl's of CMT back			
20:58	215	0	0	0	N/A	Shut in			
20:59	0	0	0	0	N/A	Bleed pressure of / 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:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	336	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	12	159	215	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

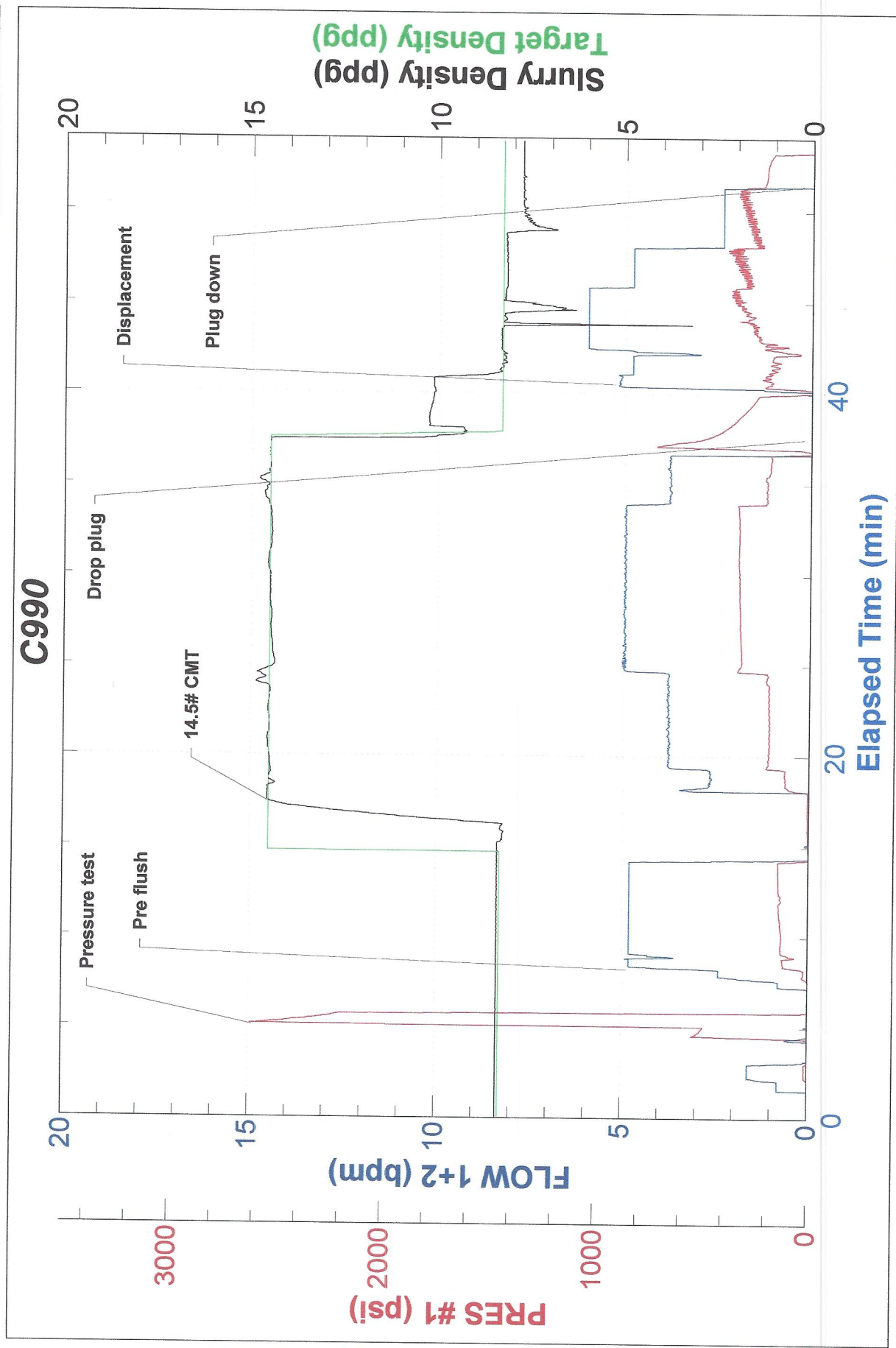


Baker Hughes JobMaster Program Version 3.60

Job Number: 1001996667

Customer: EnCana

Well Name: Rinn North 13-9





FIELD RECEIPT NO. 1001996667

CUSTOMER ENCANA OIL & GAS (USA) INC - XML				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20011760 - 0040056573-1		INVOICE NUMBER	
MAIL INVOICE TO 370 17TH ST, STE 1700 US BANK TOWER				CITY DENVER		STATE Colorado		ZIP CODE 80202			
DATE WORK COMPLETED 06 23 2013		MO. DAY YEAR 06 23 2013		BHI REPRESENTATIVE AARON M MCWILLIAMS		WELL API NO: 05123338920000		WELL TYPE: New Well			
DISTRICT BJS, BRIGHTON						JOB DEPTH(ft) 798		WELL CLASS: Gas			
WELL NAME AND NUMBER RINN NORTH #13-9				TD WELL DEPTH(ft) 807		GAS USED ON JOB: No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 9-2N-68W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE: Surface			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100112	Calcium Chloride				lbs	452	1.290	583.08	55%	262.39	
100295	Cello Flake				lbs	48	5.100	244.80	55%	110.16	
488019	FP-6L				gals	4	104.250	417.00	55%	187.65	
499632	Granulated Sugar				lbs	50	3.840	192.00	55%	86.40	
499680	Static Free				lbs	26	40.700	1,058.20	55%	476.19	
499703	Type III Cement				sacks	320	31.700	10,144.00	55%	4,564.80	
SUB-TOTAL FOR Product Material								12,639.08	55.00%	5,687.59	
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00	
M100	Bulk Materials Blending Charge				cu ft	333	5.450	1,814.85	55%	816.68	
SUB-TOTAL FOR Service Charges								2,024.85	49.30%	1,026.68	
ARRIVE LOCATION : 06 23 2013 18:35				TIME				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.			
CUSTOMER REP. Scott Osborne				SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT X			
				CUSTOMER AUTHORIZED AGENT				BHI APPROVED X			



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DISTRICT BJS, BRIGHTON				JOB DEPTH(ft) 798		WELL CLASS : Gas						
WELL NAME AND NUMBER RINN NORTH #13-9				TD WELL DEPTH(ft) 807		GAS USED ON JOB : No Gas						
WELL LOCATION :				LEGAL DESCRIPTION 9-2N-68W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Surface		
PRODUCT CODE		DESCRIPTION			UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT	
F053A		Cement Pumping, 0 - 1000 ft			4hrs		1		3,200.00		3,200.00	
F090		Fuel per pump charge - cement			pump/hr		2		70.250		140.50	
J050		Cement Head			job		1		830.000		830.00	
J225		Data Acquisition, Cement, Standard			job		1		2,130.000		2,130.00	
J390		Mileage, Heavy Vehicle			miles		48		11.850		568.80	
J391		Mileage, Auto, Pick-Up or Treating Van			miles		48		6.700		321.60	
		SUB-TOTAL FOR Equipment									7,190.90	
J401		Bulk Delivery, Dry Products			ton-mi		368		3.940		1,449.92	
		SUB-TOTAL FOR Freight/Delivery Charges									1,449.92	
		FIELD ESTIMATE									23,304.75	
		AF E 11151074									54.17%	
		8715									10,679.91	
		404										
ARRIVE		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.					
LOCATION :		06	23	2013	18:35							
CUSTOMER REP.		Scott Osborne				CUSTOMER AUTHORIZED AGENT						
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						CUSTOMER AUTHORIZED AGENT						