

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC			DATE 24-JUN-13		F.R. # 1001996763		SERV. SUPV. BARLEN M JOYNER					
LEASE & WELL NAME RINN NORTH #2-4-9 - API 05123338860000			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 Collar, Al Flap, 8-5/8 - 8rd		NONE		0	0	NONE		0	0	
		Float Shoe 8-5/8 - 8rd										
		Cement Basket, Slip On, 8-5/8 in										
		Centralizer, with Pins, 8-5/8 in										
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	10	
Type III + 1.5% CaCl ₂ + 15% CF				0		320	14.5	1.41	6.82	02:30	80.14	51.96
Fresh Water				0		0	8.34	0	0	00:00	20	
Available Mix Water 500 Bbl.				Available Displ. Fluid 350 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	0	808	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	WGT.
						NO LINER	0			8.625	8RD	8.4
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		
48.1	BBS	Fresh Water	8.34	256	0	0	0	0	2680	2000	RIG TANK	
Circulation Prior to Job												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 BPM			
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL						PV & YP Mud In: 0			PV & YP Mud Out: 0			
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: 0 BBS						
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 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: 6		Type: <input checked="" 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 checked="" 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 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 3110 PSI CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
08:30	0	0	0	0	N/A	YARD CALL
10:25	0	0	0	0	N/A	ARRIVE ON LOCATION (24 MILES) 10 JOINTS LEFT TO RUN
11:50	0	0	0	0	N/A	SPOT TRUCKS
11:55	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING
12:00	0	0	0	0	N/A	SAFETY MEETING
12:34	3110	0	0	0	WATER	PRESSURE TEST
12:38	162	0	5.6	20	WATER	FRESH WATER SPACER
12:42	161	0	5.6	10	WATER	FRESH WATER + DYE
12:45	406	0	5.6	75	CMT	BATCH UP, WEIGH AND PUMP 320 SX OF TYPE III + 0.08 LBS/SACK STATIC FREE + 1.5% CACL2 + 0.15 LBS/SACK CELLO FLAKE @ 14.5 PPG
13:10	0	0	0	0	N/A	RELEASE PLUG
13:13	218	0	6.7	38	WATER	START DISPLACEMENT
13:21	205	0	2.4	10	WATER	DROP RATE
13:24	301	0	2.4	48	WATER	BUMP PLUG
13:24	707	0	0	0	N/A	PLUG DOWN @ 48 BBLs
13:26	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING
14:00	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	301	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	13	153	203	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



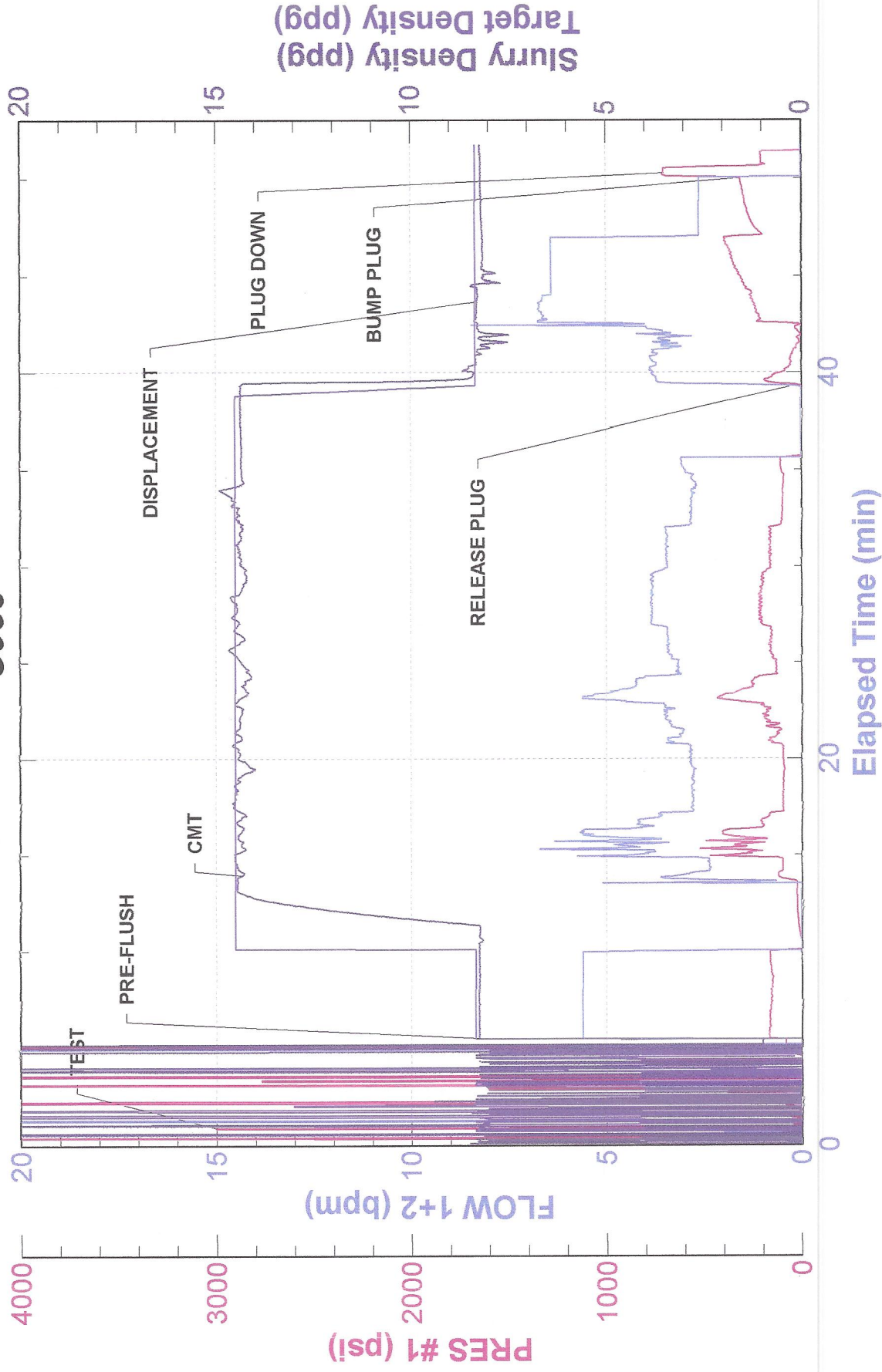
Baker Hughes JobMaster Program Version 3.60

Job Number: 1001996763

Customer: EnCana

Well Name: Rinn North 2-4-9

C958





FIELD RECEIPT NO. 1001996763

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 DENVER COLORADO 80202		CITY		STATE		ZIP CODE			
DATE WORK MO. DAY YEAR COMPLETED 06 24 2013		BHI REPRESENTATIVE BARLEN M JOYNER		WELL API NO: 05123338860000		WELL TYPE : New Well			
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 798		WELL CLASS : Gas			
WELL NAME AND NUMBER RINN NORTH #2-4-9		TD WELL DEPTH (ft) 808		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	✓	583.08	55%	262.39		
100295	Cello Flake	lbs	48	✓	244.80	55%	110.16		
488019	FP-6L	gals	7	✓	729.75	55%	328.39		
499632	Granulated Sugar	lbs	50	✓	192.00	55%	86.40		
499680	Static Free	lbs	26	✓	1,058.20	55%	476.19		
499703	Type III Cement	sacks	320	✓	10,144.00	55%	4,564.80		
SUB-TOTAL FOR Product Material					12,951.83	55.00%	5,828.33		
A152	Personnel Per Diem Chrg - Cement Svc	ea	1		210.00	0%	210.00		
M100	Bulk Materials Blending Charge	cu ft	333		1,814.85	55%	816.68		
SUB-TOTAL FOR Service Charges					2,024.85	49.30%	1,026.68		
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.								SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.	
CUSTOMER REP. Scott Osborne								CUSTOMER AUTHORIZED AGENT X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								BHI APPROVED X	
								CUSTOMER AUTHORIZED AGENT	



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MAIL INVOICE TO : STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER				CITY DENVER		STATE Colorado		ZIP CODE 80202			
DATE WORK COMPLETED		MO. 06	DAY 24	YEAR 2013	BHI REPRESENTATIVE BARLEN M JOYNER		WELL API NO: 05123338860000		WELL TYPE : New Well		
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WELL NAME AND NUMBER RINN NORTH #2-4-9					TD WELL DEPTH (ft) 808				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	
F053A	Cement Pumping, 0 - 1000 ft				4hrs	1	3,200.00	3,200.00	55%	1,440.00	
F090	Fuel per pump charge - cement				pump/hr	2	70.250	140.50	0%	140.50	
J050	Cement Head				job	1	830.000	830.00	55%	373.50	
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	55%	958.50	
J390	Mileage, Heavy Vehicle				miles	48	11.850	568.80	55%	255.96	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	48	6.700	321.60	55%	144.72	
SUB-TOTAL FOR Equipment								7,190.90	53.93%	3,313.18	
J401	Bulk Delivery, Dry Products				ton-mi	368	3.940	1,449.92	55%	652.46	
SUB-TOTAL FOR Freight/Delivery Charges								1,449.92	55.00%	652.46	
FIELD ESTIMATE								23,617.50	54.18%	10,820.65	
<p>ARRIVE LOCATION : MO. 06 DAY 24 YEAR 2013 TIME 10:25</p> <p>CUSTOMER REP. Scott Osborne</p> <p>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</p>						<p>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.</p> <p>CUSTOMER AUTHORIZED AGENT</p> <p>8715 404</p> <p>AF 11151079</p>					
<p>ARRIVE LOCATION : MO. 06 DAY 24 YEAR 2013 TIME 10:25</p> <p>CUSTOMER REP. Scott Osborne</p> <p>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</p>						<p>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</p> <p>CUSTOMER AUTHORIZED AGENT</p> <p>BHI APPROVED</p>					