

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC			DATE 19-MAR-12		F.R. # 1001895863		SERV. SUPV. CHRISTOPHER M MCKEON							
LEASE & WELL NAME ELMQUIST #4-2-23 - API 05123320090000			LOCATION Sec 23 - 2N - 68W				COUNTY-PARISH-BLOCK Weld Colorado							
DISTRICT Brighton			DRILLING CONTRACTOR RIG # W/O				TYPE OF JOB Squeeze-Top							
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
		No Shoe												
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES								
						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT3	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
PL+.2%CD32+.7%FL52+.2%ASA301+3%CSE2						150	12.5	2.00	10.90	02:30	53.45	38.93		
Fresh water						0	8.4	0	0	00:00	3			
Fresh Water						0	8.34	0	0	00:00	10			
Mud Clean I						0	8.34	0	0	00:00	0			
Class "G"						125	15.8	1.15	5.00		25.56	14.88		
Fresh water						0	8.3	0	0	00:00	1			
Available Mix Water		150 Bbl.		Available Displ. Fluid		150 Bbl.		TOTAL		93.01		53.81		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.25	0	4600	4	4.5	11.6	CSG	4600	4600	N-80					
			1.38	1.66	2.4	TBG	4600	4600	N-80					
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.
8.1	8.63	24	CSG	1080	1080	No packer			0	0	1.315	8RD	KCL WATER	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		
3	BBLS	Fresh water		8.4	0	0		0	9440	3000	6224	3000	Transport	
		Fresh water		8.3										
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 2 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 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 checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" 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: NA														

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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)
NA

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

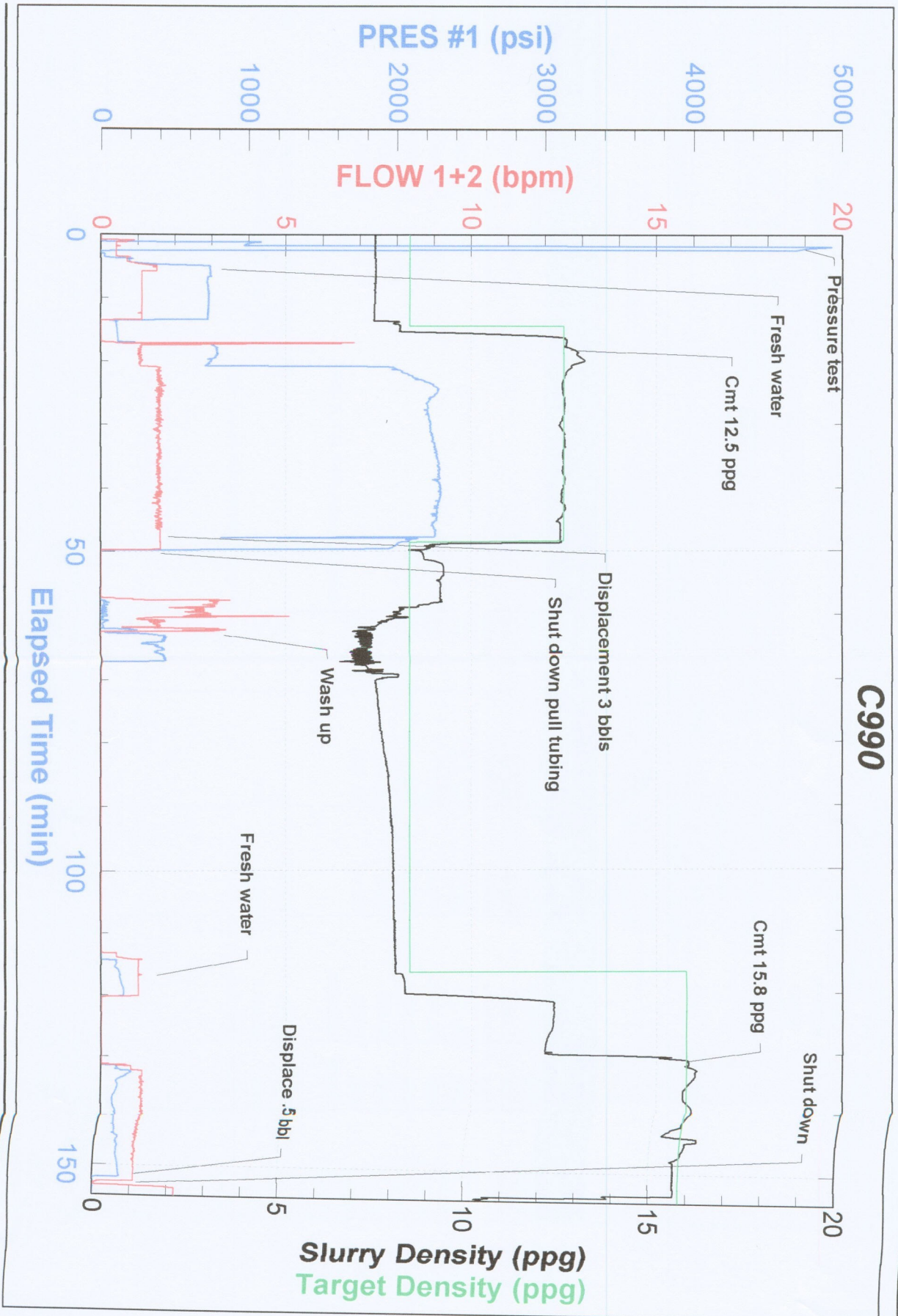
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
NA

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW	CO. REP.
	PIPE	ANNULUS				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
						TEST LINES	4930 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
08:00	0	0	0	0	NA	Yard call	
11:10	0	0	0	0	NA	Leave District	
11:40	0	0	0	0	NA	Arrive Location	
11:45	0	0	0	0	NA	Spot trucks	
11:50	0	0	0	0	NA	Rig up safety meeting	
13:00	0	0	0	0	NA	Water transport arrives	
13:15	0	0	0	0	NA	Pre job safety meeting	
13:25	1128	0	0	0	H2O	Low pressure test	
13:26	4930	0	0	0	H2O	High pressure test	
13:27	728	0	1.1	10	H2O	Fresh water	
13:41	2268	0	1.6	47	CMT	Batch up, weigh and pump 150 sx PLC + 0.7% FL-52 + 0.2% ASA-301 + 6% Bentonite + 3 lbs/sack CSE-2 + 0.2% CD-32 @ 12.5 ppg.	
14:11	1980	0	1.6	3	H2O	Displace	
14:14	0	0	0	0	NA	Shut down/ Pull tubing/ wash up	
15:17	108	0	1.1	6.5	H2O	Fresh water	
15:35	145	0	1.1	22	CMT	Batch up, weigh and pump 125 ex Class G Cement @ 15.8 ppg	
15:56	135	0	1.1	.5	H2O	Displace	
15:57	0	0	0	0	NA	Shut down/ wash up	
16:00	0	0	0	0	NA	Rig down safety meeting	
BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 89	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:

X



BJ Services JobMaster Program Version 3.50
Job Number: 1001895863
Customer: EnCana
Well Name: Elmqvist 4-2-23



FIELD RECEIPT NO. 1001895863



CUSTOMER		ENCANA OIL & GAS (USA) INC - X		CREDIT APPROVAL NO.	PURCHASE ORDER NO.		CUSTOMER NUMBER		20023075 - 00201580		INVOICE NUMBER
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO :		370 17TH ST, STE 1700 US BANK TOWER		DENVER		Colorado		80202			
DATE WORK COMPLETED	MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :					
03	19	2012		CHRISTOPHER M MCKEON	05123320090000	New Well					
DISTRICT		BUS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :					
				4,600		Gas					
WELL NAME AND NUMBER		ELMQUIST #4-2-23		TD WELL DEPTH (ft)		GAS USED ON JOB :					
				4,600		No Gas					
WELL LOCATION :	LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :				
	Sec 23 - 2N - 68W		Weld		Colorado		Squeeze-Top				
PRODUCT CODE	DESCRIPTION		UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT			
F061A	Cement Pumping, 4001 - 5000 ft		6hrs	1	7,050.000	7,050.00	50%	3,525.00			
F090	Fuel per pump charge - cement		pump/hr	8	57.500	460.00	0%	460.00			
J225	Data Acquisition, Cement, Standard		job	1	1,540.000	1,540.00	50%	770.00			
J390	Mileage, Heavy Vehicle		miles	36	8.550	307.80	50%	153.90			
J391	Mileage, Auto, Pick-Up or Treating Van		miles	36	4.830	173.88	50%	86.94			
SUB-TOTAL FOR Equipment					9,531.68		47.59%	4,995.84			
J401	Bulk Delivery, Dry Products		ton-mi	238	2.850	678.30	50%	339.15			
SUB-TOTAL FOR Freight/Delivery Charges					678.30		50%	339.15			
FIELD ESTIMATE					22,495.84		48.64%	11,553.93			
ARRIVE LOCATION :			MO.	DAY	YEAR	TIME					
			03	19	2012	11:45					
CUSTOMER REP.			Tom Flynn								
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS			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 AUTHORIZED AGENT			X <i>Janthy</i>			X <i>Janthy</i> CUSTOMER AUTHORIZED AGENT					
			X			BHI APPROVED					

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MAIL				STREET OR BOX NUMBER				CITY		STATE	
INVOICE TO :				370 17TH ST, STE 1700 US BANK TOWER				DENVER		Colorado	
DATE WORK COMPLETED				BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :		WELL CLASS :	
MO. 03 DAY 19 YEAR 2012				CHRISTOPHER M MCKEON		05123320090000		New Well		Gas	
DISTRICT				JOB DEPTH (ft)				WELL DEPTH (ft)			
BUS, BRIGHTON				4,600				4,600			
WELL NAME AND NUMBER				TD WELL DEPTH (ft)				GAS USED ON JOB :			
ELMQUIST #4-2-23				4,600				No Gas			
WELL LOCATION :				LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :	
				Sec 23 - 2N - 68W		Weld		Colorado		Squeeze-Top	
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT	
100021		Class G Cement		sacks		✓125		27.000		3,375.00	
100120		Bentonite		lbs		✓783		0.470		368.01	
398224		Premium Lite Cement		sacks		✓150		21.850		3,277.50	
488013		CD-32		lbs		26 27		11.900		321.30	
488015		FL-52		lbs		✓92		24.100		2,217.20	
488019		FP-6L		gals		✓2		93.500		187.00	
488353		CSE-2		lbs		✓450		1.510		679.50	
499705		ASA-301		lbs		26 27		18.150		490.05	
		SUB-TOTAL FOR Product Material								10,915.56	
A152		Personnel Surcharge - Cement Svc		ea		1		152.000		152.00	
M100		Bulk Materials Blending Charge		cu ft		310		3.930		1,218.30	
		SUB-TOTAL FOR Service Charges								1,370.30	
										44.45%	
										50.00%	
										0%	
										50%	
										44.45%	
										152.00	
										609.15	
										761.15	
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