CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER ENCANA OIL & GAS (USA) INC	DATE 02-JAN-12	F.R. # 1001878221	SERV. SUPV. CORY A THAUT
LEASE & WELL NAME KENNEDY #8-4-21 - API 05123319740000	LOCATION 21-2N-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						
	Centralizer, with Pins, 8-5/8 in						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT3	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water	N/A	0	8.34	0	0	00:00	40	
Fresh Water	N/A	0	8.34	0	0	00:00	10	
Type III+1.5%CaCl+.15#/skCF+.08#/skStaticFree	C01-002-12	260	14.5	1.41	6.82	02:44	65	42.15
						TOTAL	115	42.15

Available Mix Water 800 Bbl. Available Displ. Fluid 722 Bbl.

HOLE SIZE	% EXCESS	DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
12.25	40	678	8.097	8.625	24	CSG	665.6	665.6	J-55	665.6	626.6	0

LAST CASING ID	OD	WGT	TYPE	MD	TVD	PKR-CMT RET-BR PL-LINER BRAND & TYPE	DEPTH	PERF. DEPTH TOP	BTM	TOP CONN SIZE	THREAD	WELL FLUID TYPE	WGT.
						No Packer	0			8.625	8RND	WATER BASED	9.4

DISPL. VOLUME VOLUME	UOM	DISPL. FLUID TYPE	WGT.	CAL. PSI BUMP PLUG	CAL. MAX PSI TO REV.	OP. MAX SQ. PSI	MAX TBG PSI RATED	Operator	MAX CSG PSI RATED	Operator	MIX WATER
40	BBLS	Fresh Water	8.34	201	0	0	0	0	2950	2360	Rig

Circulation Prior to Job

Circulated Well: Rig [X] BJ [ ] | Circulation Time: 1 | Circulation Rate: 5.5 BPM

Mud Density In: 9.4 LBS/GAL Mud Density Out: 9.4 LBS/GAL | PV & YP Mud In: 0 | PV & YP Mud Out: 0

Gas Present: NO [X] YES [ ] Units: | Solids Present at End of Circulation: NO [X] YES [ ]

Displacement And Mud Removal

Displaced By: Rig [ ] BJ [X] | Amount Bled Back After Job: .5 BBLS

Returns During Job: [ ] NONE [ ] PARTIAL [X] FULL | Method Used to Verify Returns: Visual

Cement Returns at Surface: [X] YES [ ] NO | Were Returns Planned at Surface: [ ] NO [X] YES

Pipe Movement: [ ] ROTATION [ ] RECIPROCATION [X] NONE [ ] UNABLE DUE TO STUCK PIPE

Centralizers: [ ] NO [X] YES | Quantity: 6 | Type: [X] BOW [ ] RIGID

Job Pumped Through: [ ] CHOKE MANIFOLD [ ] SQUEEZE MANIFOLD [X] MANIFOLD [ ] NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 | Wiper Balls Used: [X] NO [ ] YES Quantity:

Plug Catcher Used: [X] NO [ ] YES | Parabow Used: [X] NO [ ] YES

Was There a Bottom: [X] NO [ ] YES | Top of Plug: 0 FT Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job) N/A

BLOCK SQUEEZE [ ] SHOE SQUEEZE [ ] TOP OF LINER SQUEEZE [ ] PLANNED [ ] UNPLANNED [ ]

Liner Packer: [X] NO [ ] YES | Bond Log: [X] NO [ ] 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

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

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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.

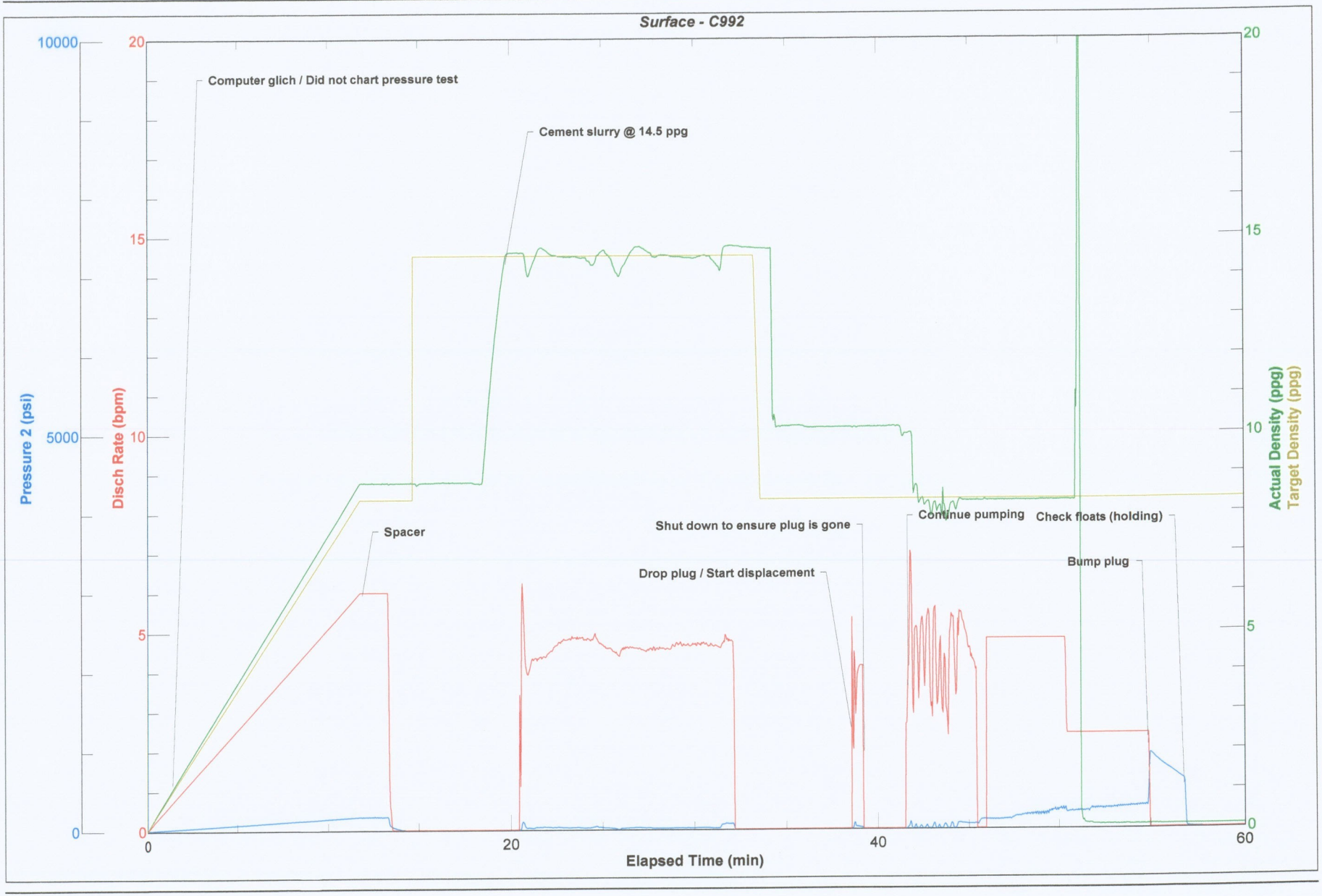
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION
TIME HR:MIN.	PRESSURE - PSI PIPE	PRESSURE - PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW [X] CO. REP. [X] TEST LINES 3445 PSI CIRCULATING WELL - RIG [X] BJ [ ]
05:15	0	0	0	0	0	Arrive on location
05:35	0	0	0	0	0	Spot equipment
05:39	0	0	0	0	0	Pre rig up JSA
05:40	0	0	0	0	0	Begin ground rig up
06:00	0	0	0	0	0	Ground rig up complete
06:05	0	0	0	0	0	JSA with customer and rig crew
06:22	0	0	0	0	0	Waiting for rig to break circulation
06:30	0	0	0	0	0	Begin floor rig up
06:54	0	0	0	0	0	Floor rig up complete
07:04	0	0	2.2	2	H2O	Load lines with Fresh Water
07:07	3445	0	0	0	H2O	Low pressure test
07:07	3445	0	0	0	H2O	High pressure test
07:10	145	0	6	30	H2O	Spacer - Fresh Water
07:22	132	0	4.5	63	CMNT	Batch up and pump 260 sacks of Cement slurry @ 14.5 ppg: Class C + .08 lbs/sk Static Free + 1.5% Calcium Chloride + .15 lbs/sk Cello Flake
07:34	0	0	0	0	0	Shut down
07:40	0	0	4	2.6	H2O	Drop plug / Start displacemet with Fresh Water
07:41	0	0	0	0	0	Shut down to ensure plug is gone
07:43	22	0	5	2	H2O	Continue pumping displacement
07:47	111	0	4.8	19	H2O	Caught up to cement (pressure increase)
07:52	216	0	2.4	30	H2O	Slow rate
07:54	267	0	2.4	36	H2O	Cement returns to surface (4 bbls returned)
07:57	350	0	2.4	40	H2O	Pressure just before bump plug (Final Circulating Pressure)
07:57	835	0	2.4	40	H2O	Bump pulg
07:59	650	0	0	0	H2O	Check floats (holding)
08:03	0	0	0	0	0	Pre rig down JSA

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] N	835	[Y] N	4	133	0	Y [N]	

BJ Services JobMaster Program Version 3.50

Job Number: 1001878221
Customer: EnCana
Well Name: Kennedy 8-4-21



Job Start: Monday, January 02, 2012

BAKER HUGHES

FIELD RECEIPT NO. **1001878221**

CUSTOMER	CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER	INVOICE NUMBER
ENCANA OIL & GAS (USA) INC - X			20023075 - 00201580	

MAIL INVOICE TO	STREET OR BOX NUMBER	CITY	STATE	ZIP CODE
	370 17TH ST, STE 1700 US BANK TOWER	DENVER	Colorado	80202

DATE WORK COMPLETED	MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :
	01	02	2012	CORY A THAUT	05123319740000	New Well

DISTRICT	JOB DEPTH(ft)	WELL CLASS :
BRIGHTON	665	Gas

WELL NAME AND NUMBER	TD WELL DEPTH(ft)	GAS USED ON JOB :
KENNEDY #8-4-21	678	No Gas

WELL LOCATION :	LEGAL DESCRIPTION	COUNTY/PARISH	STATE	JOB TYPE CODE :
	21-2N-68W	Weld	Colorado	Surface

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100112	Calcium Chloride	lbs	367	1.440	528.48	55%	237.82
100112	Calcium Chloride	lbs	250	1.440	360.00	100%	0.00
100295	Cello Flake	lbs	39	4.570	178.23	55%	80.20
100404	Sodium Chloride	lbs	150	0.460	69.00	100%	0.00
488019	FP-6L	gals	2	93.500	187.00	55%	84.15
499632	Granulated Sugar	lbs	50	3.290	164.50	55%	74.03
499680	Static Free	lbs	21	35.800	751.80	55%	338.31
499703	Type III Cement	sacks	260	26.900	6,994.00	55%	3,147.30
	SUB-TOTAL FOR Product Material				9,233.01	57.09%	3,961.81
A152	Personnel Surcharge - Cement Svc	ea	1	152.000	152.00	0%	152.00
M100	Bulk Materials Service Charge	cu ft	280	3.930	1,100.40	55%	495.18
	SUB-TOTAL FOR Service Charges				1,252.40	48.32%	647.18

ARRIVE LOCATION :	MO.	DAY	YEAR	TIME
	01	02	2012	05:15

CUSTOMER REP.
Roy Hunt

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.

CUSTOMER AUTHORIZED AGENT

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER AUTHORIZED AGENT
X

BHI APPROVED
X Jeff Anderson

BAKER HUGHES

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PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F005A	Cement Pumping, 1001 - 2000 ft	4hrs	1	4,500.000	4,500.00	55%	2,025.00
F090	Fuel per pump charge - cement	pump/hr	2	57.500	115.00	0%	115.00
J050	Cement Head	job	1	595.000	595.00	55%	267.75
J225	Data Acquisition, Cement, Standard	job	1	1,540.000	1,540.00	55%	693.00
J390	Mileage, Heavy Vehicle	miles	36	8.550	307.80	55%	138.51
J391	Mileage, Auto, Pick-Up or Treating Van	miles	36	4.830	173.88	55%	78.25
	SUB-TOTAL FOR Equipment				7,231.68	54.13%	3,317.51
J401	Bulk Delivery, Dry Products	ton-mi	228	2.850	649.80	55%	292.41
	SUB-TOTAL FOR Freight/Delivery Charges				649.80	55%	292.41
	FIELD ESTIMATE				18,366.89	55.25%	8,218.91

EnCana Oil & Gas (USA) Inc.
DJ/Paradox
AFE/CC: 10136401
Major: 8715
Minor: 618
Roy Hunt

Thank you
Cory & Crew

ARRIVE LOCATION :	MO.	DAY	YEAR	TIME
	01	02	2012	05:15

CUSTOMER REP.
Roy Hunt

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CUSTOMER AUTHORIZED AGENT

X Jeff Anderson
BHI APPROVED