

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC		DATE 16-FEB-13	F.R. # 1001966230	SERV. SUPV. RYAN SULLIVAN	
LEASE & WELL NAME BEARDEN #0-6-6 - API 05123349490000		LOCATION 6-1N-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		Cement Basket, Slip On, 8-5/8 in			
		Centralizer, with Pins, 8-5/8 in			
		Guide Shoe, Cement Nose, 8-5/8 in			
		Insert Float, LTC, 8-5/8 - 8rd			
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES	
				SACKS OF CEMENT	SLURRY WGT PPG
Fresh Water		N/A		0	8.34
Fresh Water + Dye		N/A		0	8.34
Type III + 1.5% CaCl ₂ + 15% CF				320	14.5
Fresh Water		N/A		0	8.34
Available Mix Water 200 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL 155.8 52.13	
HOLE		TBG-CSG-D.P.			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
12.25	40	766	8.097	8.625	24
				CSG	756
				756	J-55
				756	713
				0	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
		BRAND & TYPE		DEPTH	TOP
		No packer		0	
				8.625	8RD
				WATER BASED	9.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
45.4	BBLs	Fresh Water	8.34	226	0
				0	0
				0	0
				0	0
				2360	1000
				Rig	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: .75		
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 <input checked="" type="checkbox"/> YES <input type="checkbox"/>			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: .2 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: 6		
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD			Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID		
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: None					

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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)
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 Had to shut-down a few times during cement to batch-up.

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	3226 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
07:00	0	0	0	0	N/A	Arrive on location, 20 miles, rig running casing	
09:25	0	0	0	0	N/A	Spot trucks on location, pre-rig up safety meeting	
10:10	0	0	0	0	N/A	Pre-job safety meeting	
10:28	0	0	0	1	WATER	Load lines	
10:32	1588	0	0	0	WATER	Low pressure test	
10:33	3226	0	0	0	WATER	High pressure test	
10:37	174	0	4.8	20	WATER	Freshwater spacer	
10:42	199	0	4.8	10	WATER	Dyed water spacer	
10:48	273	0	4.8	76	CEMENT	Batch-up, weigh, & pump 320 sx of Type III cement + 0.08 lbs/sk Static Free + 1.5% CaCl + 0.15 lbs/sk Cello Flake @ 14.5 ppg	
11:09	0	0	0	0	N/A	Release plug	
11:11	124	0	4.8	35	WATER	Displace	
11:20	248	0	2.4	11	WATER	Rate change	
11:24	310	0	571	46	WATER	Bump plug to 571 psi, 14 bbls cement to surface	
11:29	273	0	0	0	N/A	Shut-in cement head with 273 psi	
11:35	0	0	0	0	N/A	Pre-rig down safety meeting	
12:00	0	0	0	0	N/A	Leave 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	310	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	14	152	273	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

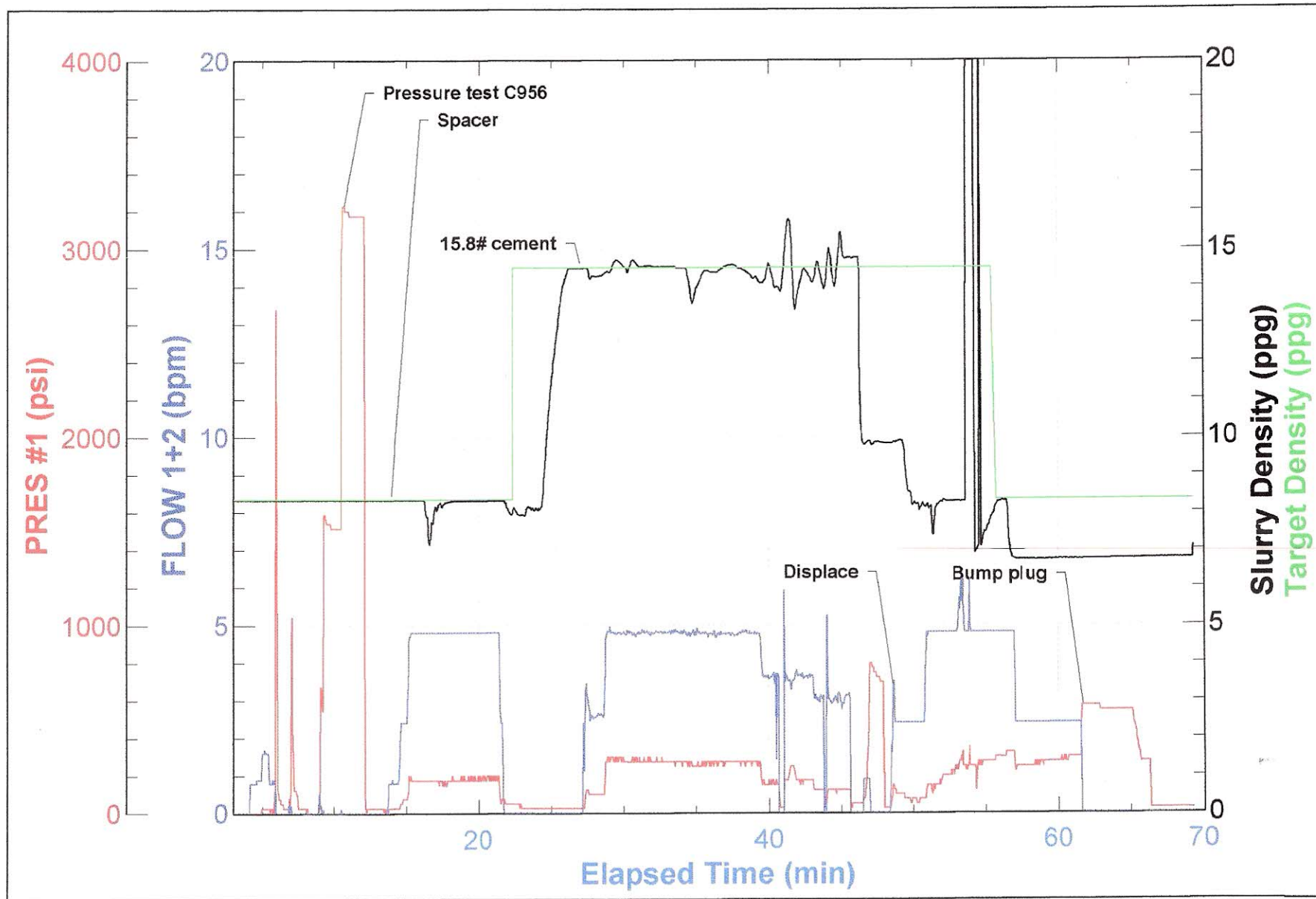


Baker Hughes JobMaster Program Version 3.60

Job Number: 1001966230

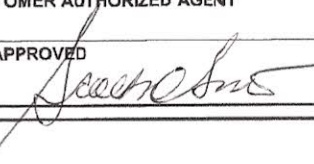
Customer: encana

Well Name: Bearden #0-6-6





FIELD RECEIPT NO. 1001966230

CUSTOMER ENCANA OIL & GAS (USA) INC - X				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20023075 - 00201580		INVOICE NUMBER	
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. 02	DAY 16	YEAR 2013	BHI REPRESENTATIVE RYAN SULLIVAN		WELL API NO: 05123349490000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 756			WELL CLASS : Gas			
WELL NAME AND NUMBER BEARDEN #0-6-6					TD WELL DEPTH (ft) 766			GAS USED ON JOB : No Gas			
WELL LOCATION :		LEGAL DESCRIPTION 6-1N-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	1.440	650.88	55%	292.90
100112		Calcium Chloride				lbs	300	1.440	432.00	100%	0.00
100295		Cello Flake				lbs	48	4.570	219.36	55%	98.71
100404		Sodium Chloride				lbs	100	0.460	46.00	100%	0.00
488019		FP-6L				gals	3	93.500	280.50	55%	126.23
499632		Granulated Sugar				lbs	50	3.290	164.50	55%	74.03
499680		Static Free				lbs	26	35.800	930.80	55%	418.86
499703		Type III Cement				sacks	320	26.900	8,608.00	55%	3,873.60
		SUB-TOTAL FOR Product Material							11,332.04	56.90%	4,884.33
A152		Personnel Surcharge - Cement Svc				ea	1	152.000	152.00	0%	152.00
M100		Bulk Materials Blending Charge				cu ft	341	3.930	1,340.13	55%	603.06
		SUB-TOTAL FOR Service Charges							1,492.13	49.40%	755.06
ARRIVE LOCATION :		MO. 02	DAY 16	YEAR 2013	TIME 07:00	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. Roy Hunt						CUSTOMER AUTHORIZED AGENT				CUSTOMER AUTHORIZED AGENT X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										BHI APPROVED X 	



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PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F003A		Cement Pumping, 0 - 1000 ft				4hrs	1	3,250.000	3,250.00	55%	1,462.50
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	40	8.550	342.00	55%	153.90
J391		Mileage, Auto, Pick-Up or Treating Van				miles	40	4.830	193.20	55%	86.94
		SUB-TOTAL FOR Equipment							6,035.20	53.95%	2,779.09
J401		Bulk Delivery, Dry Products				ton-mi	311	2.850	886.35	55%	398.86
		SUB-TOTAL FOR Freight/Delivery Charges							886.35	55.00%	398.86
		11159452 8715 404 Roy Hunt FIELD ESTIMATE							19,745.72	55.35%	8,817.34
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CUSTOMER REP. Roy Hunt					<input checked="" type="checkbox"/> CUSTOMER AUTHORIZED AGENT <input checked="" type="checkbox"/> BHI APPROVED				CUSTOMER AUTHORIZED AGENT		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									BHI APPROVED		