

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 i												
		Insert Float, LTC, 8-5/8 - 8rd												
MATERIALS FURNISHED BY BJ				PHYSICAL SLURRY PROPERTIES										
		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	45.4						
Fresh Water + Dye		N/A	0	8.34	0	0	00:00	10						
Type III + 1.5% CaCl ₂ + 15% CF			320	14.5	1.41	6.82	02:30	80.4	52.13					
Fresh Water		N/A	0	8.34	0	0	00:00	20						
Available Mix Water <u>200</u> Bbl.		Available Displ. Fluid <u>200</u> Bbl.		TOTAL				155.8	52.13					
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
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		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				
45.4	BBLS	Fresh Water	8.34	226	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				Circulation Rate: 4 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 <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: .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"/> RECIPROICATION <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 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)
 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 type="checkbox"/> Y <input checked="" type="checkbox"/> N	310	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	14	152	273	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	

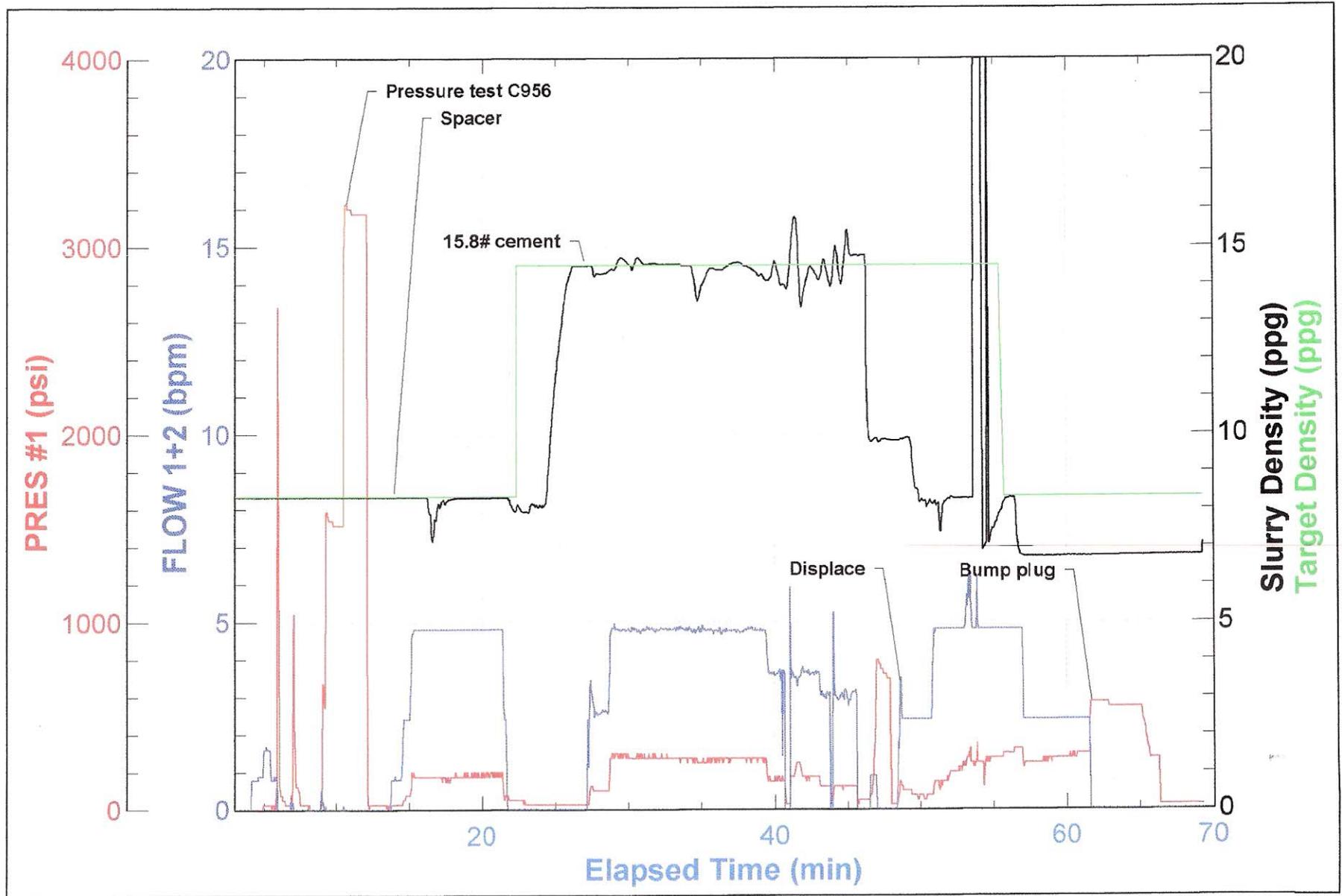


Baker Hughes JobMaster Program Version 3.60

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		



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	
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	
	<p>11159452 8715 404 Roy Hunt</p> <p>FIELD ESTIMATE</p>						19,745.72	55.35%	8,817.34	
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				<input checked="" type="checkbox"/> CUSTOMER AUTHORIZED AGENT			<input checked="" type="checkbox"/> BHI APPROVED			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				<input checked="" type="checkbox"/> CUSTOMER AUTHORIZED AGENT			<input checked="" type="checkbox"/> BHI APPROVED			