

# CEMENT JOB REPORT



<b>CUSTOMER</b> ENCANA OIL & GAS (USA) INC		<b>DATE</b> 25-AUG-12		<b>F.R. #</b> 1001931358		<b>SERV. SUPV.</b> AARON M MCWILLIAMS	
<b>LEASE &amp; WELL NAME</b> DEASON #4-4-36 - API 05013066480000		<b>LOCATION</b> 36-2N-69W		<b>COUNTY-PARISH-BLOCK</b> Boulder Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> ENSIGN 122		<b>TYPE OF JOB</b> Surface			
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD TVD HANGER TYPES MD TVD</b>	
Cement Plug, Rubber, Bottom 8-5/8		Float Collar, Auto Fill, 8-5/8 - 8rd					
		Centralizer, with Pins, 8-5/8 in					
		Guide Shoe, Cement Nose, 8-5/8 in					
		Cement Basket, Slip On, 8-5/8 in					
<b>MATERIALS FURNISHED BY BJ</b>				<b>LAB REPORT NO.</b>			
Fresh Water				0			
Fresh Water + Dye				0			
Type III + 1.5% CaCl <sub>2</sub> + 15% CF				0			
Available Mix Water 500 Bbl.				Available Displ. Fluid 350 Bbl.			
<b>TOTAL</b>				153.23 48.84			
<b>HOLE</b>		<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>	
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD TVD GRADE SHOE FLOAT STAGE</b>
12.25	40	805	8.097	8.625	24	CSG	795 795 J-55 795 752 0
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>	
<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH TOP BTM</b>
						No packer	0 8.625 8RD
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED Operator</b>
48	BBLS	Fresh Water	8.34	240	0	0	0 2360 1000
<b>MIX WATER</b>				Rig tank			
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1 Circulation Rate: 7 BPM			
Mud Density In: 9.2 LBS/GAL Mud Density Out: 9.2 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"/>			
<b>Displacement And Mud Removal</b>							
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: 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							
<b>Plugs</b>							
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			
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>							
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			
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>							
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

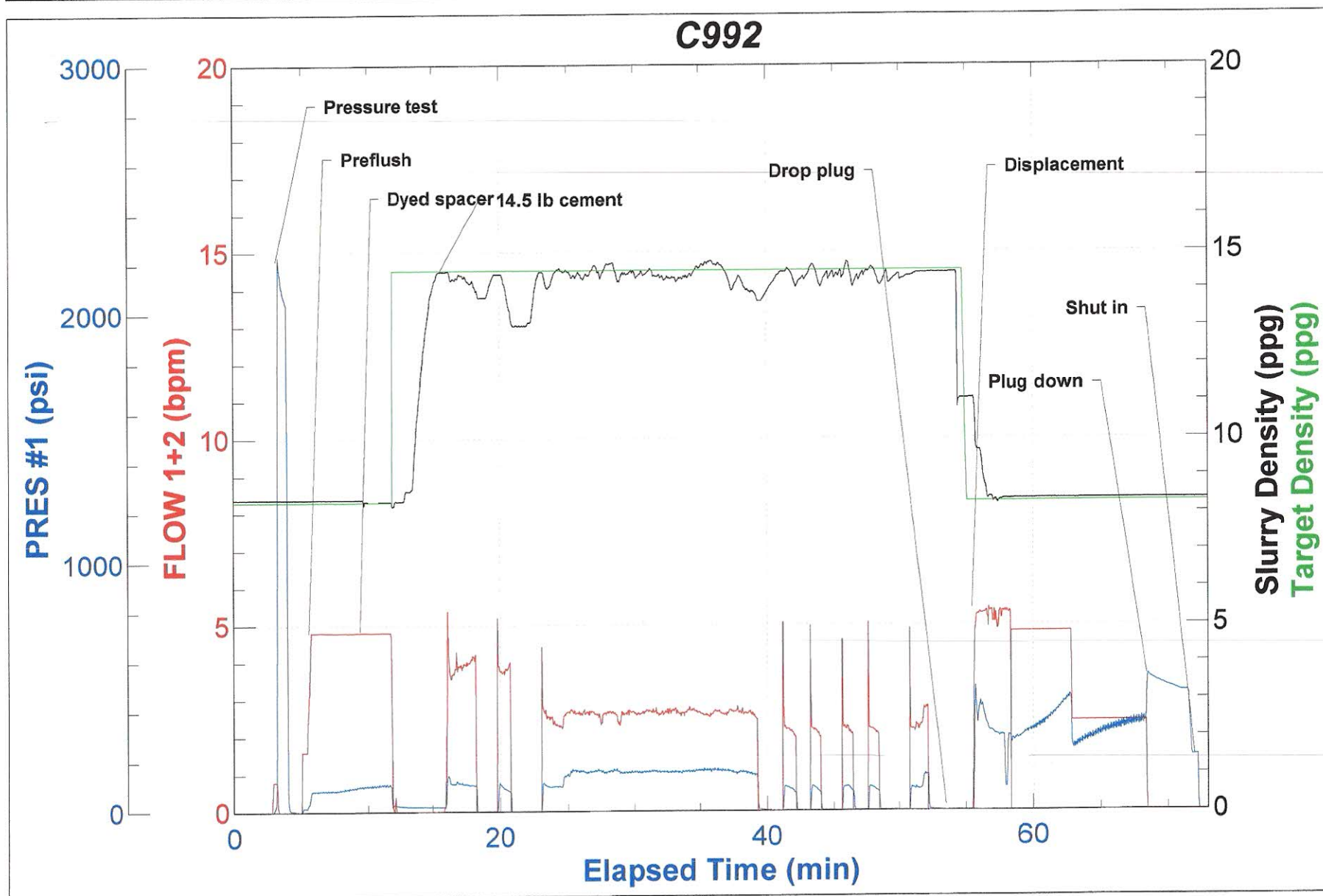
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
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	2234 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
22:30	0	0	0	0	N/A	Yard call		
00:40	0	0	0	0	N/A	Leave yard		
01:12	0	0	0	0	N/A	Arrive on location 20 miles rig circulating		
01:15	0	0	0	0	N/A	Spot trucks		
01:20	0	0	0	0	N/A	Rig up safety meeting		
01:45	0	0	0	0	N/A	Pre job safety meeting		
02:10	2234	0	0	0	H2O	Pressure test pumps and lines		
02:13	83	0	4.8	20	H2O	Fresh water preflush		
02:18	100	0	4.8	10	H2O	Dyed spacer		
02:24	130	0	4.8	67	CMT	Batch up and pump 300 sks of Type III + 1.5% Cacl2 + 0.15 lbs/sack Cello Flake 14.5 ppg 1.41 yield 14.5 ppg 1.42 yield 6.82 gps		
03:00	0	0	0	0	N/A	Drop plug		
03:05	463	0	4.8	35	H2O	Displacement		
03:11	366	0	2.4	13	H2O	Displacement rate change		
03:17	370	0	2.4	48	H2O	Bump plug		
03:17	535	0	0	0	N/A	Plug down @ 48 bbl's 4 bbl's of cmt back		
03:20	219	0	0	0	N/A	Shut in		
03:21	0	0	0	0	N/A	Bleed pressure off		
03:22	0	0	0	0	N/A	Rig down safety meeting		

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	535	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	4	145	219	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





FIELD RECEIPT NO. 1001931358

<b>CUSTOMER</b> ENCANA OIL & GAS (USA) INC - X				<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20023075 - 00201580		<b>INVOICE NUMBER</b>	
<b>MAIL INVOICE TO</b> STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER				<b>CITY</b> DENVER		<b>STATE</b> Colorado		<b>ZIP CODE</b> 80202			
<b>DATE WORK COMPLETED</b>		<b>MO.</b> 08	<b>DAY</b> 25	<b>YEAR</b> 2012	<b>BHI REPRESENTATIVE</b> AARON M MCWILLIAMS		<b>WELL API NO:</b> 05013066480000		<b>WELL TYPE :</b> New Well		
<b>DISTRICT</b> BJS, BRIGHTON					<b>JOB DEPTH(ft)</b> 795		<b>WELL CLASS :</b> Gas				
<b>WELL NAME AND NUMBER</b> DEASON #4-4-36					<b>TD WELL DEPTH(ft)</b> 805		<b>GAS USED ON JOB :</b> No Gas				
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> 36-2N-69W			<b>COUNTY/PARISH</b> Boulder		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Surface		
<b>PRODUCT CODE</b>	<b>DESCRIPTION</b>				<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>	
100112	Calcium Chloride				lbs	423	1.440	609.12	55%	274.10	
100295	Cello Flake				lbs	45	4.570	205.65	55%	92.54	
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	24	35.800	859.20	55%	386.64	
499703	Type III Cement				sacks	300	26.900	8,070.00	55%	3,631.50	
	SUB-TOTAL FOR Product Material							10,188.97	55.00%	4,585.04	
A152	Personnel Surcharge - Cement Svc				ea	1	152.000	152.00	0%	152.00	
M100	Bulk Materials Blending Charge				cu ft	312	3.930	1,226.16	55%	551.77	
	SUB-TOTAL FOR Service Charges							1,378.16	48.93%	703.77	
<b>ARRIVE LOCATION :</b>		<b>MO.</b> 08	<b>DAY</b> 25	<b>YEAR</b> 2012	<b>TIME</b> 01:12	<b>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.</b>				<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>	
<b>CUSTOMER REP.</b> Wes Harrison						<b>CUSTOMER AUTHORIZED AGENT</b> X				<b>BHI APPROVED</b> X	
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>						<b>CUSTOMER AUTHORIZED AGENT</b>					





FIELD RECEIPT NO. 1001931358

CUSTOMER ENCANA OIL & GAS (USA) INC - X				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20023075 - 00201580		INVOICE NUMBER	
MAIL STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER				CITY DENVER		STATE Colorado		ZIP CODE 80202			
INVOICE TO		WELL API NO: 05013066480000		WELL TYPE: New Well							
DATE WORK COMPLETED	MO. 08	DAY 25	YEAR 2012	BHI REPRESENTATIVE AARON M MCWILLIAMS		WELL CLASS: Gas					
DISTRICT BJS, BRIGHTON				JOB DEPTH(ft) 795		GAS USED ON JOB: No Gas					
WELL NAME AND NUMBER DEASON #4-4-36				TD WELL DEPTH(ft) 805		JOB TYPE CODE: Surface					
WELL LOCATION: 36-2N-69W				COUNTY/PARISH Boulder		STATE Colorado					
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
F003A	Cement Pumping, 0 - 1000 ft			4hrs	1	3,250.00	3,250.00	55%	1,482.50		
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		
Bulk Delivery, Dry Products							820.80	55%	369.36		
SUB-TOTAL FOR Freight/Delivery Charges							820.80	55%	369.36		
FIELD ESTIMATE							18,423.13	54.20%	8,437.26		
10140078 0715 618 WA											
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CUSTOMER REP. Wes Harrison				CUSTOMER AUTHORIZED AGENT X <i>[Signature]</i> BHI APPROVED X							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT X <i>[Signature]</i>							