

# CEMENT JOB REPORT



<b>CUSTOMER</b> EnCana Oil & Gas USA Inc		<b>DATE</b> 10-MAR-11		<b>F.R. #</b> 1001773335		<b>SERV. SUPV.</b> AARON M MCWILLIAMS	
<b>LEASE &amp; WELL NAME</b> WANDELL # 1034-7 - API 05123324710000		<b>LOCATION</b> 7-2N-67W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Ensign 122		<b>TYPE OF JOB</b> Surface			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES					
Cement Plug, Rubber, Top 8-5/8 in	Float Collar, Auto Fill, 8-5/8 - 8rd	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
	Float Shoe 8-5/8 - 8rd								
MATERIALS FURNISHED BY BJ									
Fresh Water		0	8.34	0	0	00:00	56.5		
Fresh Water + Dye		0	8.34	0	0	00:00	30		
Type III + Additives		376	14.5	1.42	6.84	02:30	95	61.32	
Available Mix Water 380 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL			181.5	61.32	

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
12.25	0	950	8.625	24	CSG	938	J-55	938	887	0

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	WGT.
				No packer		0	0	0	8.625	8RD	9.5

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	
56.5	BBLS	Fresh Water	8.34	276	0	0	0	0	2360	1000	Rig tank

### Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐      Circulation Time: 1      Circulation Rate: 5 BPM  
Mud Density In: 9.5 LBS/GAL    Mud Density Out: 9.5 LBS/GAL    PV & YP Mud In: 0    PV & YP Mud Out: 0  
Gas Present: NO ☐ YES ☒    Units: 0    Solids Present at End of Circulation: NO ☒ YES ☐

### Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒    Amount Bled Back After Job: 0 BBLS  
Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL    Method Used to Verify Returns: Visually  
Cement Returns at Surface: ☒ YES ☐ NO    Were Returns Planned at Surface: ☐ NO ☒ YES  
Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☐ NONE ☐ UNABLE DUE TO STUCK PIPE  
Centralizers: ☐ NO ☒ YES    Quantity: 5    Type: ☒ BOW ☐ RIGID  
Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

### Plugs

Number of Attempts by BJ: 0    Competition: 0    Wiper Balls Used: ☒ NO ☐ YES    Quantity:  
Plug Catcher Used: ☒ NO ☐ YES    Parabow Used: ☒ NO ☐ YES  
Was There a Bottom: ☒ NO ☐ YES    Top of Plug: 0 FT    Bottom of Plug: 0 FT

### Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐    SHOE SQUEEZE ☐    TOP OF LINER SQUEEZE ☐    PLANNED ☐    UNPLANNED ☒  
Liner Packer: ☒ NO ☐ YES    Bond Log: ☒ 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

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
N/A

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

Had to shut down and batch up 6 time. Do to bulk truck product delivery.

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

N/A

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

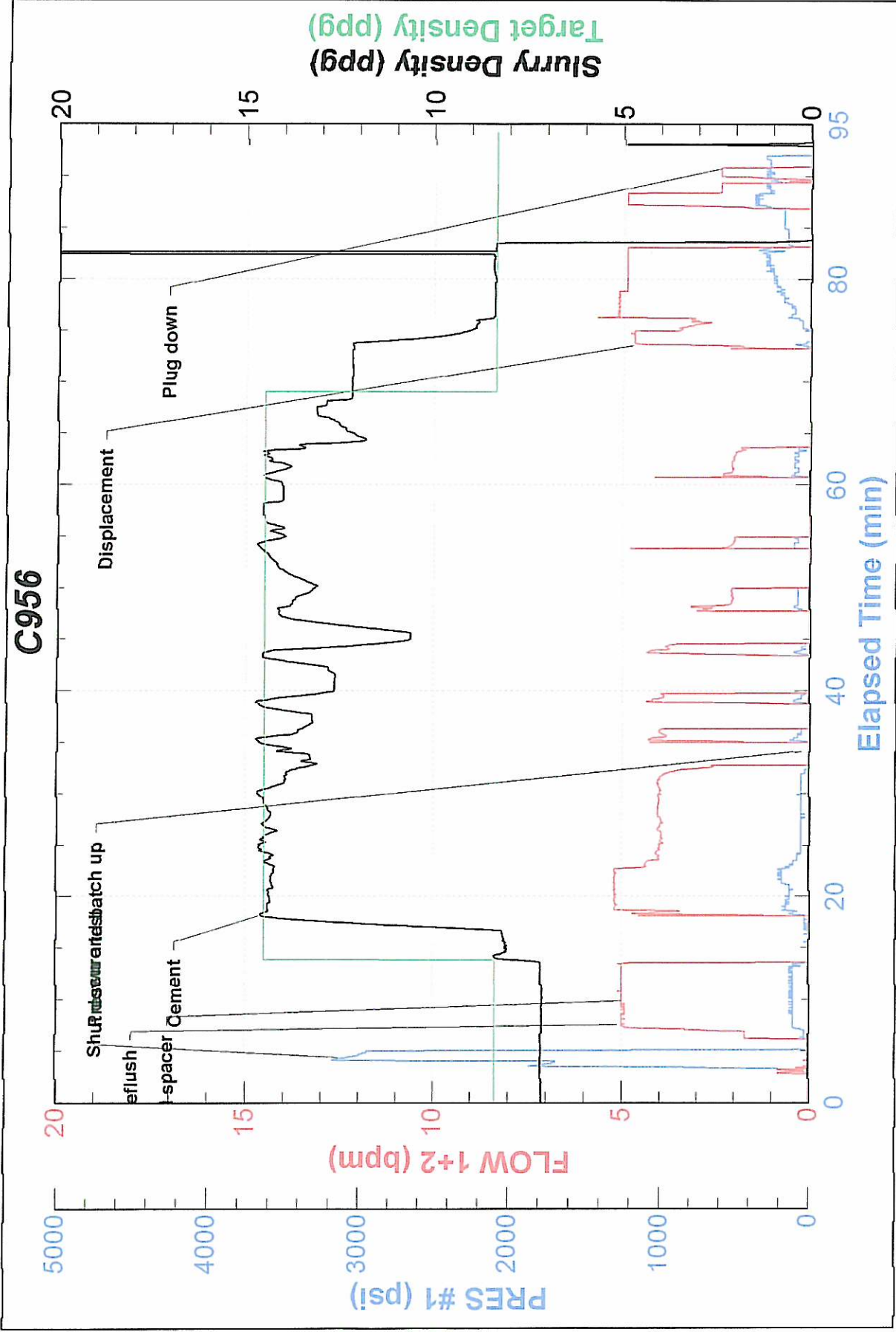
PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3165 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
03:30	0	0	0	0	N/A	Yard call	
08:36	0	0	0	0	N/A	Arrived on location	
08:40	0	0	0	0	N/A	Rig up safety meeting	
09:35	0	0	0	0	N/A	Pre job safety meeting	
10:05	3165	0	0	0	H2O	Pressure test pumps and lines	
10:09	100	0	5	20	H2O	Fresh water preflush	
10:14	100	0	5	10	H2O	Dyed spacer	
10:22	150	0	5.2	90	CMT	Batch up and pump 376sks of Type III + 0.008 lbs/sack Static Free 2.5% CacI2 + 0.15 lbs/sack Cello Flake 14.5 ppg 1.42 yield 6.84 gps	
11:08	0	0	0	0	N/A	Drop plug	
11:16	370	0	5.1	50	H2O	Displacement	
11:32	300	0	2.4	6.5	H2O	Rate change	
11:34	276	0	0	0	H2O	Plug down @ 56.5 bbl's	
11:35	300	0	0	0	H2O	Shut in	
11:36	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:
Y <input checked="" type="checkbox"/> N	276	Y <input checked="" type="checkbox"/> N	26	176.5	300	Y <input checked="" type="checkbox"/> N	





BJ Services JobMaster Program Version 3.50  
Job Number: 1001773335  
Customer: EnCana  
Well Name: Wandell #8-2-7 6-4-7



FIELD RECEIPT NO. 1001773335

## BJ Services Company



CUSTOMER EnCana Oil & Gas USA Inc				CREDIT APPROVAL NO. A10011328793		PURCHASE ORDER NO.		CUSTOMER NUMBER 20023075 - 00201580		INVOICE NUMBER	
MAIL INVOICE TO : STREET OR BOX NUMBER 370 17th Street Suite 1700				CITY Denver		STATE Colorado		ZIP CODE 80202			
DATE WORK COMPLETED		MO. 03	DAY 10	YEAR 2011	BJ SERVICES REPRESENTATIVE AARON M MCWILLIAMS		WELL API NO: 05123324710000		WELL TYPE : New Well		
BJ SERVICES DISTRICT Brighton				JOB DEPTH (ft) 887		WELL CLASS : Gas					
WELL NAME AND NUMBER WANDELL #8-27 # 6-4-7				TD WELL DEPTH (ft) 950		GAS USED ON JOB : No Gas					
WELL LOCATION : LEGAL DESCRIPTION 7-2N-67W				COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Surface			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100112	Calcium Chloride				lbs	884	1.440	1,272.96	55%	572.83	
100295	Cello Flake				lbs	57	4.570	260.49	55%	117.22	
488019	FP-6L				gals	3	93.500	280.50	50%	140.25	
499632	Granulated Sugar				lbs	50	3.290	164.50	50%	82.25	
499680	Static Free				lbs	31	35.800	1,109.80	55%	499.41	
499703	Type III Cement				sacks	376	26.900	10,114.40	55%	4,551.48	
SUB-TOTAL FOR Product Material								13,202.65	54.83%	5,963.44	
A152	Personnel Surcharge - Cement Svc				ea	1	152.000	152.00	0%	152.00	
M100	Bulk Materials Service Charge				cu ft	398	3.930	1,564.14	55%	703.86	
SUB-TOTAL FOR Service Charges								1,716.14	50.13%	855.86	
ARRIVE LOCATION :				MO. 03	DAY 10	YEAR 2011	TIME 08:36	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 REP. Terry Leighton								SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT				CUSTOMER AUTHORIZED AGENT			
								BJ SERVICES APPROVED			





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BJ SERVICES DISTRICT Brighton		JOB DEPTH (ft) 887		TD WELL DEPTH (ft) 950		WELL CLASS: Gas		GAS USED ON JOB: No Gas		
WELL NAME AND NUMBER WANDELL #887		LEGAL DESCRIPTION 7-2N-67W		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	3,250.00	3,250.00	55%	1,462.50
J050	Cement Head				job	1	595.00	595.00	55%	267.75
J225	Data Acquisition, Cement, Standard				job	1	1,540.00	1,540.00	55%	693.00
J390	Mileage, Heavy Vehicle				miles	34	8.550	290.70	55%	130.82
J391	Mileage, Auto, Pick-Up or Treating Van				miles	34	4.830	164.22	55%	73.90
J401	Bulk Delivery, Dry Products				ton-mi	309	2.850	880.65	55%	396.29
SUB-TOTAL FOR Freight/Delivery Charges								880.65	55.00%	396.29
EnCana Oil & Gas USA Inc								21,639.36	54.51%	9,843.56
DJI/Paradox WANDELL 6-4-7										
AFE/CC 09123903 FIELD ESTIMATE										
Major 8715										
Minor 618										
Wes Hawn										
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