

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC		DATE 12-DEC-12	F.R. # 1001951166		SERV. SUPV. AARON M MCWILLIAMS	
LEASE & WELL NAME IONE #6-0-8 - API 05123315790000		LOCATION 8-2N-66W		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	None	0	0	None	0	0
None	Float Collar, Al Flap, 8-5/8 - 8rd	None	0	0	None	0	0
	Cement Basket, Slip On, 8-5/8 in	None	0	0	None	0	0
	Centralizer, with Pins, 8-5/8 in						

PHYSICAL SLURRY PROPERTIES								
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water	0	0	8.34	0	0	00:00	50.6	
Fresh Water + Dye	0	0	8.34	0	0	00:00	30	
Type III + 1.5% CaCl ₂ + 15% CF	0	325	14.5	1.41	6.82	02:30	82.86	53.73
Available Mix Water	300 Bbl.	Available Displ. Fluid	100 Bbl.	TOTAL			163.46	53.73

HOLE			TBG-CSG-D.P.					COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	40	848	8.097	8.625	24	CSG	838	838	J-55	838	795	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	WGT.
						No packer	0			8.625	8RD	9

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	
49	BBLS	Fresh Water	8.34	254	0	0	0	0	2360	1000	Rig tank

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: .5	
Mud Density In: 9 LBS/GAL		Mud Density Out: 9 LBS/GAL	
PV & YP Mud In: 0		PV & YP Mud Out: 0	
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>		Units: 0	
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: 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"/> RECIPROCATION <input 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 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

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)
 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	2130 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
06:00	0	0	0	0	N/A	Yard call	
08:20	0	0	0	0	N/A	Leave yard	
08:50	0	0	0	0	N/A	Arrive on location 14 miles Rig running casing	
10:50	0	0	0	0	N/A	Spot trucks	
10:55	0	0	0	0	N/A	Rig up safety meeting	
11:30	0	0	0	0	N/A	Pre job safety meeting	
11:50	2130	0	0	0	H2O	Pressure test pumps and lines	
11:53	145	0	4.8	20	H2O	Fresh water Preflush	
12:00	145	0	4.8	10	H2O	Dyed spacer	
12:05	247	0	5	76	CMT	Batch up and pump 325 sks of Type III + 1.5% Cacl ₂ + 0.15 lbs/sack Cello Flake 14.5 ppg 1.41 yield 14.5 ppg 1.41 yield 6.82 gps	
12:22	0	0	0	0	N/A	Drop plug	
12:29	429	0	6	30	H2O	Displacement	
12:35	425	0	4.8	10	H2O	Displacement rate change	
12:38	349	0	2.4	9	H2O	Displacement rate change	
12:42	423	0	2.4	49	H2O	Bump plug	
12:42	654	0	0	0	N/A	Plug down @ 49 bbl's	
12:44	247	0	0	0	N/A	Shut in	
12:45	0	0	0	0	N/A	Bleed pressure off	
12:46	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	654	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	20	155	247	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

K. Wes Harison



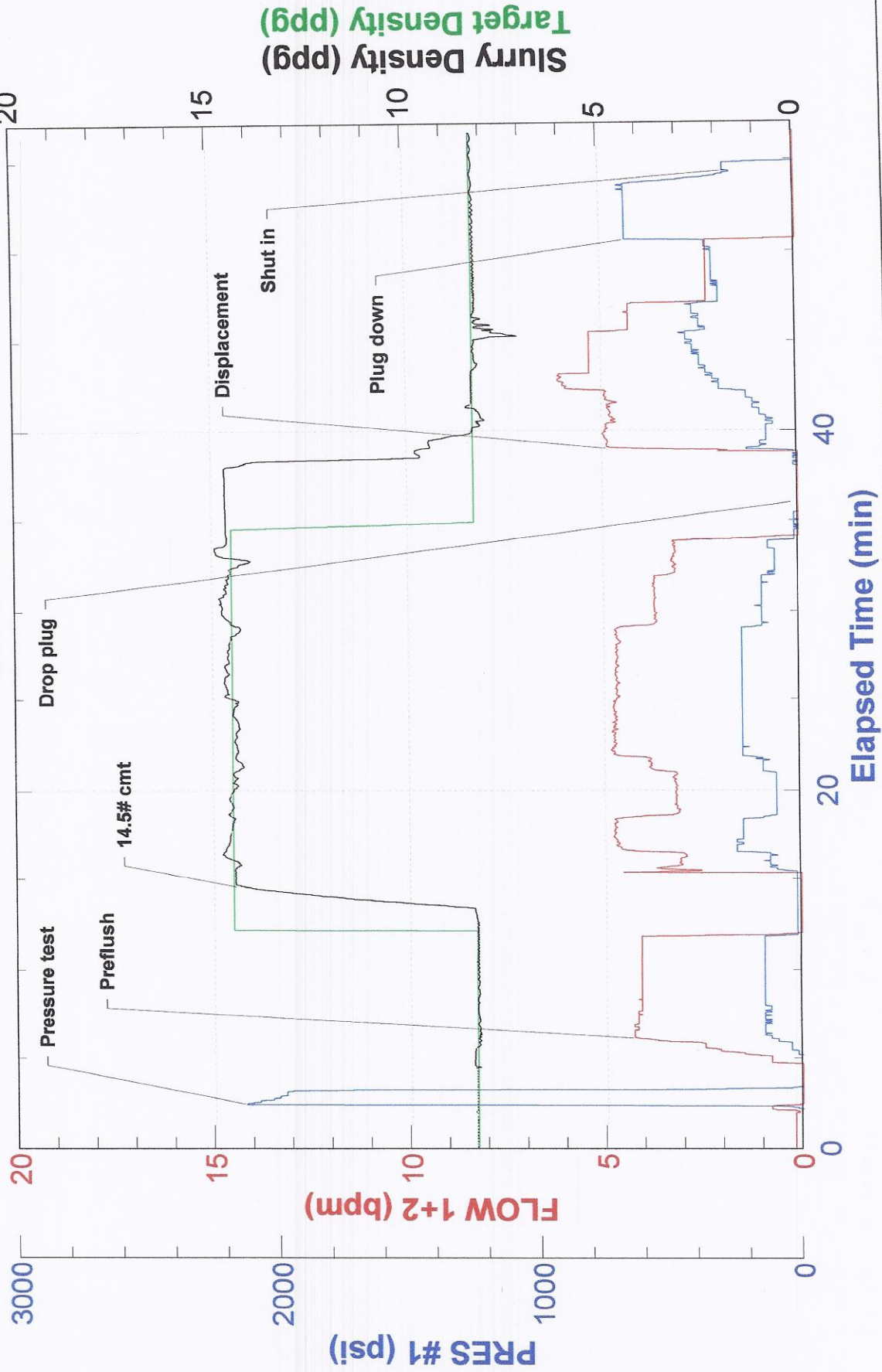
Baker Hughes JobMaster Program Version 3.60

Job Number: 1001951166

Customer: EnCana

Well Name: Ione #6-0-8

C973





FIELD RECEIPT NO. 1001951166

CUSTOMER ENCANA OIL & GAS (USA) INC - X				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20023075 - 00201580		INVOICE NUMBER	
MAIL INVOICE TO 370 17TH ST, STE 1700 US BANK TOWER				CITY DENVER		STATE Colorado		ZIP CODE 80202			
DATE WORK COMPLETED		MO. 12	DAY 12	YEAR 2012	BHI REPRESENTATIVE AARON M MCWILLIAMS		WELL API NO: 05123315790000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 838		WELL CLASS : Gas				
WELL NAME AND NUMBER IONE #6-0-8					TD WELL DEPTH (ft) 848		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 8-2N-66W			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	466	1.440	671.04	55%	301.97	
100112	Calcium Chloride				lbs	250	1.440	360.00	100%	0.00	
100295	Cello Flake				lbs	50	4.570	228.50	55%	102.83	
100404	Sodium Chloride				lbs	150	0.460	69.00	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	27	35.800	966.60	55%	434.97	
499703	Type III Cement				sacks	330	26.900	8,877.00	55%	3,994.65	
SUB-TOTAL FOR Product Material								11,617.14	56.66%	5,034.68	
A152	Personnel Surcharge - Cement Svc				ea	1	152.000	152.00	0%	152.00	
M100	Bulk Materials Blending Charge				cu ft	346	3.930	1,359.78	55%	611.90	
SUB-TOTAL FOR Service Charges								1,511.78	49.47%	763.90	
ARRIVE LOCATION :				MO. 12	DAY 12	YEAR 2012	TIME 08:50				
CUSTOMER REP. Wes Harrison				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.							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT							
				BHI APPROVED <i>[Signature]</i>							



FIELD RECEIPT NO. 1001951166

CUSTOMER		ENCANA OIL & GAS (USA) INC - X		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO		370 17TH ST, STE 1700 US BANK TOWER		DENVER		Colorado		80202			
DATE WORK		MO. DAY YEAR		WELL API NO:		WELL TYPE :					
COMPLETED		12 12 2012		05123315790000		New Well					
DISTRICT				JOB DEPTH(ft)		WELL CLASS :					
BJS, BRIGHTON				838		Gas					
WELL NAME AND NUMBER				TD WELL DEPTH(ft)		GAS USED ON JOB :					
IONE #6-0-8				848		No Gas					
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :			
		8-2N-66W		Weld		Colorado		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			
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	28	8.550	239.40	55%	107.73			
J391	Mileage, Auto, Pick-Up or Treating Van		miles	28	4.830	135.24	55%	60.86			
		SUB-TOTAL FOR Equipment				5,874.64	53.92%	2,706.84			
		Bulk Delivery, Dry Products				629.85	55%	283.43			
		SUB-TOTAL FOR Freight/Delivery Charges				629.85	55.00%	283.43			
		FIELD ESTIMATE				19,633.41	55.24%	8,788.85			
ARRIVE LOCATION :		MO. DAY YEAR	TIME								
12 12 2012		08:50									
CUSTOMER REP.		Wes Harrison									
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.				<input checked="" type="checkbox"/> CUSTOMER AUTHORIZED AGENT <input checked="" type="checkbox"/> BHI APPROVED							
				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.							