

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC		DATE 23-APR-12		F.R. # 1001903824		SERV. SUPV. AARON M MCWILLIAMS	
LEASE & WELL NAME PRATT #12-29 - API 05123324320000		LOCATION 29-1N-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, Bottom 8-5/8	Float Collar, Auto Fill, 8-5/8 - 8rd						
	Guide Shoe, Cement Nose, 8-5/8 i						
	Cement Basket, Slip On, 8-5/8 in						
	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	55.8	
Fresh Water + Dye	0	0	8.34	0	0	00:00	30	
Type III + 1.5% CaCl ₂ + 15% CF	0	375	14.5	1.41	6.82	02:30	94.17	61.06
Available Mix Water 400 Bbl.	Available Displ. Fluid 250 Bbl.	TOTAL					179.97	61.06

HOLE				TBG-CSG-D.P.				COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	40	930	8.097	8.625	24	CSG	920	920	J-55	920	877	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	9.3

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	BBLs	Fresh Water	8.34	278	0	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: 1	
Mud Density In: 9.3 LBS/GAL		Mud Density Out: 9.3 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: 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			

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)

Rig packed off guid shoe had to pull casing and run new shoe.

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

N/A

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

N/A

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	2135 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
21:15	0	0	0	0	N/A	Yard call	
23:00	0	0	0	0	N/A	Leave yard	
23:30	0	0	0	0	N/A	Arrive on location 21 miles Rig running casing	
05:50	0	0	0	0	N/A	Spot trucks	
05:55	0	0	0	0	N/A	Rig up safety meeting	
06:45	0	0	0	0	N/A	Pre job safety meeting	
07:10	2135	0	0	0	H2O	Pressure test pumps and lines	
07:14	92	0	5	20	H2O	Fresh water preflush	
07:16	97	0	5	10	H2O	Dyed spacer	
07:24	152	0	5	86	CMT	Batch up and pump 375 sks of Type III + 1.5% Cacl2 + 0.15 lbs/sack Cello Flake 14.5 ppg 1.41 yield 14.5 ppg 1.41 yield 6.82 gps	
07:45	0	0	0	0	N/A	Drop plug	
07:51	282	0	5	45	H2O	Displacement	
08:00	318	0	2.6	11	H2O	Displacement Rate change	
08:04	327	0	2.6	56	H2O	Bump plug	
08:04	615	0	0	0	N/A	Plug down @ 56 bbl's	
08:07	186	0	0	0	N/A	Shut in	
08:08	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

☐ N

615

☒ Y

☒ N

6

172

186

☒ Y

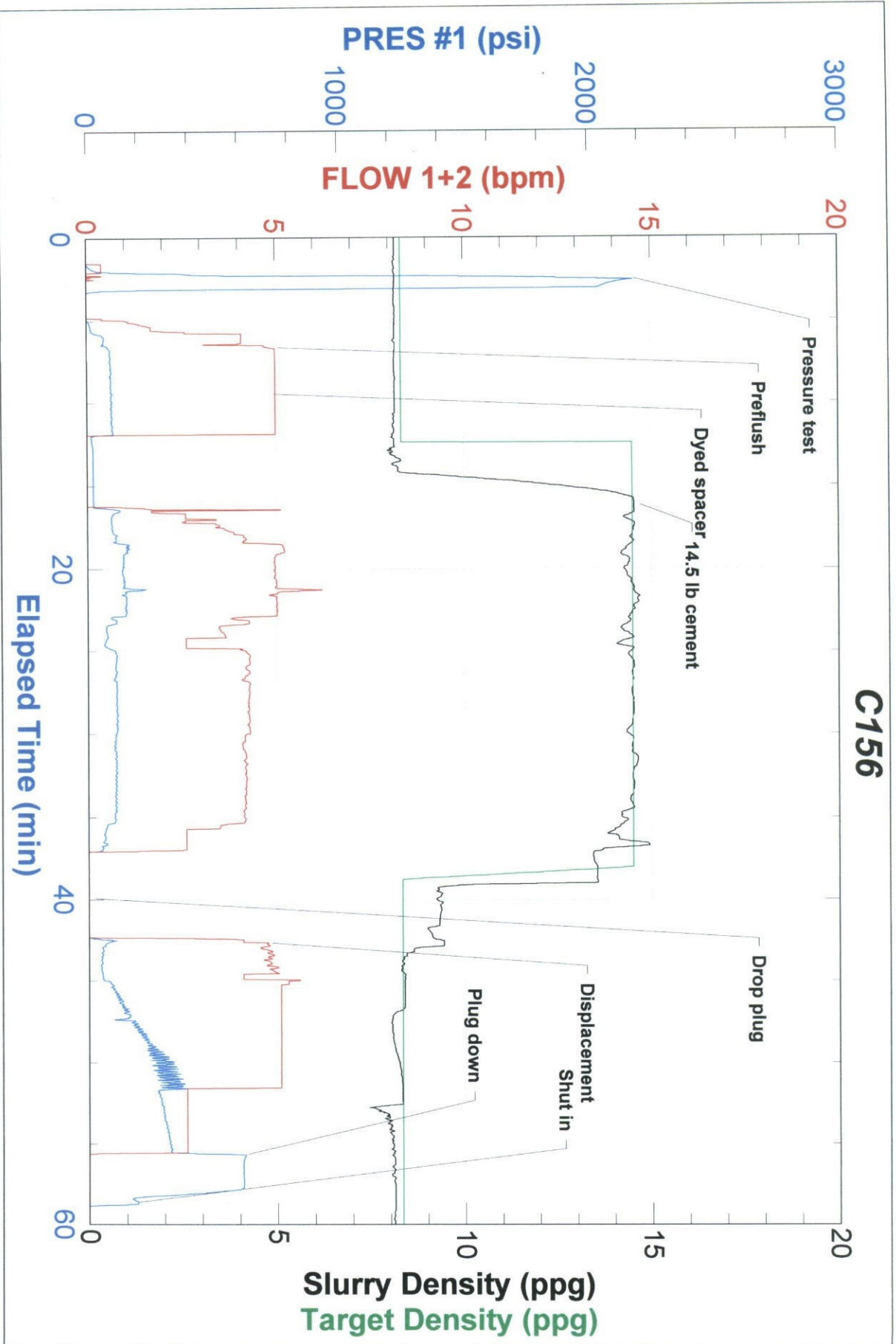
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BJ Services JobMaster Program Version 3.50
Job Number: 1001903824
Customer: EnCana
Well Name: Pratt #12-29





FIELD RECEIPT NO. 1001903824

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 COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:		WELL TYPE :			
04 23 2012		AARON M MCWILLIAMS		05123324320000		877		New Well			
DISTRICT		BJS, BRIGHTON		JOB DEPTH(ft)		WELL CLASS :		Gas			
WELL NAME AND NUMBER		PRATT #12-29		TD WELL DEPTH(ft)		GAS USED ON JOB :		No Gas			
WELL		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :			
LOCATION :		29-1N-68W		Weid		Colorado		Surface			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100112	Calcium Chloride				lbs	529	1.440	761.76	55%	342.79	
100295	Cello Flake				lbs	57	4.570	260.49	55%	117.22	
488019	FP-6L				gals	3	93.500	280.50	55%	126.23	
488465	ClayCare, Clay Treat-2C, 330 gl tote				gals	3	139.600	418.80	55%	188.46	
499632	Granulated Sugar				lbs	50	3.290	164.50	55%	74.03	
499680	Static Free				lbs	30	35.800	1,074.00	55%	483.30	
499703	Type III Cement				sacks	375	26.900	10,087.50	55%	4,539.38	
SUB-TOTAL FOR Product Material							13,047.55	55.00%	5,871.41		
A152	Personnel Surcharge - Cement Svc				ea	1	152.000	152.00	55%	68.40	
M100	Bulk Materials Blending Charge				cu ft	390	3.930	1,532.70	55%	689.72	
SUB-TOTAL FOR Service Charges							1,684.70	55.00%	758.12		
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											
X BHI APPROVED											



FIELD RECEIPT NO. 1001903824

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 COMPLETED		MO. 04	DAY 23	YEAR 2012	BHI REPRESENTATIVE	WELL API NO:		05123324320000		WELL TYPE :						
DISTRICT		BJS, BRIGHTON			JOB DEPTH (ft)			877			WELL CLASS :					
WELL NAME AND NUMBER		PRATT #12-29			TD WELL DEPTH (ft)			930			GAS USED ON JOB :					
WELL		LEGAL DESCRIPTION			COUNTY/PARISH			STATE			JOB TYPE CODE :					
LOCATION :		29-1N-68W			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		3,250.000		3,250.00		55%		1,462.50	
F038		Cement Pump Casing, Additional Hrs			hrs		3		895.000		2,685.00		55%		1,208.25	
F090		Fuel per pump charge - cement			pump/hr		2		57.500		115.00		55%		51.75	
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		42		8.550		359.10		55%		161.60	
J391		Mileage, Auto, Pick-Up or Treating Van			miles		42		4.830		202.86		55%		91.29	
		SUB-TOTAL FOR Equipment									8,746.96		55.00%		3,936.14	
J401		Encana Oil & Gas (USA) Inc.			ton-mi		378		2.850		1,077.30		55%		484.79	
		SUB-TOTAL FOR Freight/Delivery Charges									1,077.30		55.00%		484.79	
		AF/CC: 10143947														
		Major: 8720														
		Minor: 618														
		FIELD ESTIMATE									24,556.51		55.00%		11,050.46	
ARRIVE LOCATION :		MO. 04	DAY 22	YEAR 2012	TIME 23:30	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						X		BHI APPROVED		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						CUSTOMER AUTHORIZED AGENT						X				