

CEMENT JOB REPORT



CUSTOMER EnCana Oil & Gas USA Inc			DATE 07-OCT-10		F.R. # 1001698821		SERV. SUPV. PHILLIP S MULLINS		
LEASE & WELL NAME HELEN #43-23 - API 05014206560000			LOCATION Sec.23 - T1N - R68W			COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Work-Over			TYPE OF JOB Squeeze-Top			

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ		/	/	/	/	/	/	/
Mud Clean II		0	8.3	0	0	00:00	10	/
Fresh Water		0	8.3	0	0	00:00	7	/
Premium Lite Cement + additives		160	12.5	2.00	10.90	03:00	53	38.60
Fresh Water		0	8.3	0	0	00:00	4	/
Fresh Water		0	8.3	0	0	00:00	6	/
Premium Lite Cement		202	13.4	1.55	7.87	03:00	55.5	37.72
Fresh water		0	8.3	0	0	00:00	0.5	/
Available Mix Water <u>240</u> Bbl. Available Displ. Fluid <u>235.5</u> Bbl.							TOTAL	136 76.32

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
8.25	0	4760	4.5	11.6	CSG	8472	/	/	/	1603

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	TYPE	WGT.
8.625	24		800	No packer	0	0	0	1.315	8RD	WATER BASED MU	8.5

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				
6.4	BBLS	Fresh Water	8.3	0	0	0	10960	3000	6224	3000			Transport	
		Fresh water	8.3											

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 8.5 Circulation Rate: 2 BPM

Mud Density In: 0 LBS/GAL Mud Density Out: 0 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: .25 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: 0 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

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	

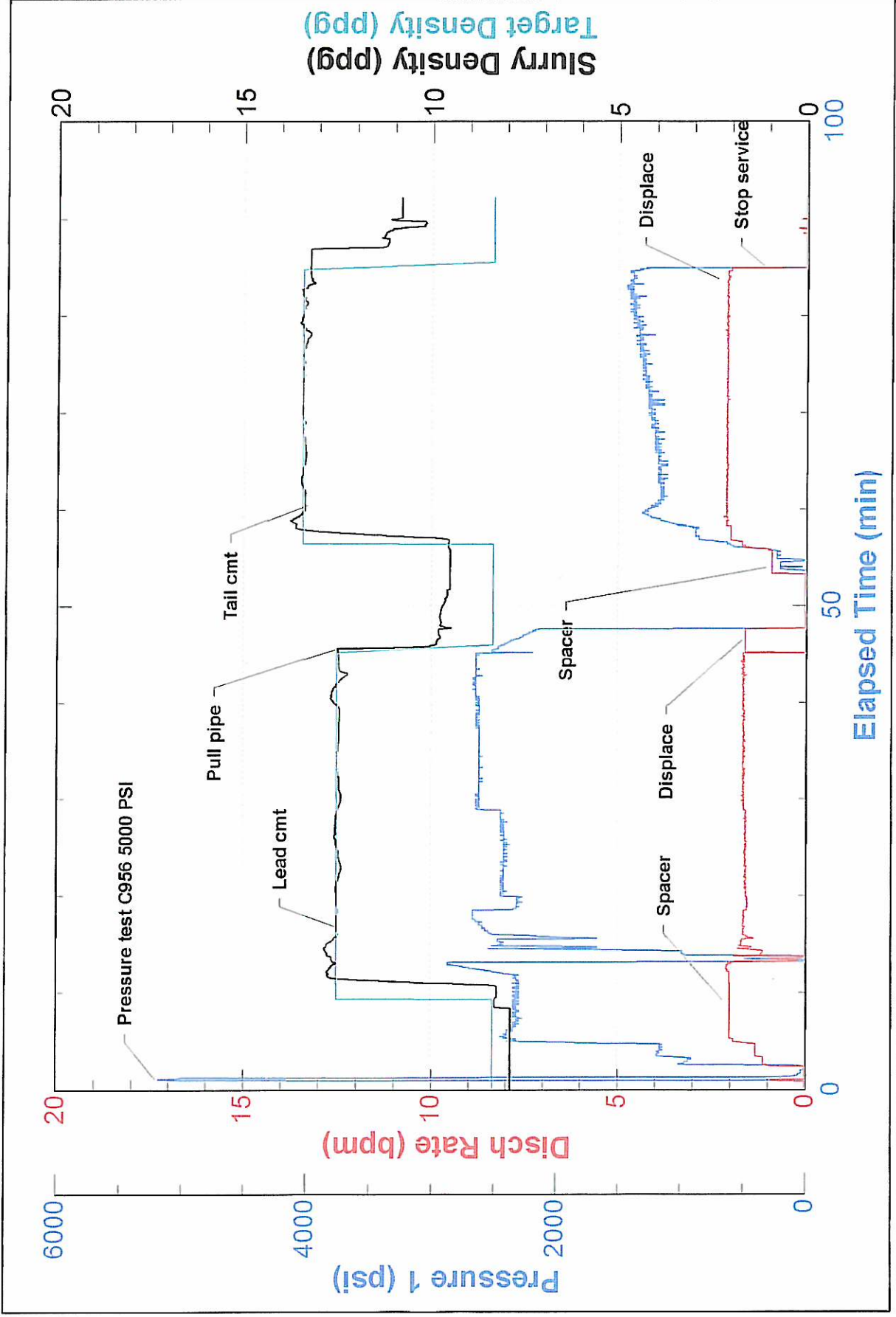
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
N/A

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	5000 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
11:45	0	0	0	0	N/A	Pre rig up safety meeting	
12:30	0	0	0	0	N/A	Pre job safety meeting	
12:46	5000	0	0	0	H2O	Pressure test pumps and line	
12:48	2400	0	2	10	MUD CLEA	Mud flush	
12:53	2350	0	2	7	H2O	Spacer	
12:57	2700	0	2.1	53	CEMENT	Batchup and pump 160 sks of PLC + 0.2% CD-32 + 0.7% FL-52 + 6% Bentonite + 0.2% ASA-301+ 3 lbs/sack CSE-2 @ 12.5# Batchup and pump 160 sks of PLC + 0.2% CD-32 + 0.7% FL-52 + 6% Bentonite + 0.2% ASA-301+ 3 lbs/sack CSE-2 @ 12.5#	
13:30	2500	0	1.6	4	H2O	Displace	
13:33	0	0	0	0	N/A	Pull pipe	
14:29	900	0	2	6	H2O	Spacer	
14:34	1300	0	2.1	55.5	CEMENT	Batchup and pump 202 sks of PLC+ 3% Bentonite @ 13.4#	
15:00	1350	0	2.1	.5	H2O	Displace	
15:01	0	0	0	0	N/A	Stop service	
15:04	0	0	0	0	N/A	Post job rig down safety meeting	
BUMPED PLUG Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 136	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Service Supervisor Signature:

X Tuffy



FIELD RECEIPT NO. 1001698821

BJ Services Company



CUSTOMER EnCana Oil & Gas USA Inc				CREDIT APPROVAL NO. A10011284171		PURCHASE ORDER NO.		CUSTOMER NUMBER 20023075 - 00219208		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. 10 DAY 07 YEAR 2010		BJ SERVICES REPRESENTATIVE PHILLIP S MULLINS		WELL API NO: 05014206560000		WELL TYPE : New Well					
BJ SERVICES DISTRICT Brighton				JOB DEPTH (ft) 7,460		WELL CLASS : Gas					
WELL NAME AND NUMBER HELEN #43-23				TD WELL DEPTH (ft) 8,472		GAS USED ON JOB : No Gas					
WELL LOCATION : Sec 23 - T1N - R68W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Squeeze-Top					
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100120	Bentonite			lbs	1364	0.470	641.08	45%	352.59		
398108	Mud Clean II			gals	420	1.510	634.20	45%	348.81		
398224	Premium Lite Cement			sacks	362	21.850	7,909.70	45%	4,350.34		
488013	CD-32			lbs	28	11.900	333.20	45%	183.26		
488015	FL-52			lbs	98	24.100	2,361.80	45%	1,298.99		
488019	FP-6L			gals	2	93.500	187.00	45%	102.85		
488353	CSE-2			lbs	480	1.510	724.80	45%	398.64		
499632	Granulated Sugar			lbs	50	3.290	164.50	45%	90.48		
499705	ASA-301			lbs	28	18.150	508.20	45%	279.51		
SUB-TOTAL FOR Product Material							13,464.48	45.00%	7,405.47		
A152	Personnel Surcharge - Cement Svc			ea	1	152.000	152.00	0%	152.00		
M100	Bulk Materials Service Charge			cu ft	402	3.930	1,579.86	45%	868.92		
SUB-TOTAL FOR Service Charges							1,731.86	41.05%	1,020.92		
ARRIVE LOCATION : MO. 10 DAY 07 YEAR 2010 TIME 11:30				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.							
CUSTOMER REP. Tom Flynn				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 X							
				BJ SERVICES APPROVED X							

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PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
F067A	Cement Pump Tubing, 7001 - 8000 ft	6hrs	1	9,875.000	9,875.00	45%	5,431.25		
J225	Data Acquisition, Cement, Standard	job	1	1,540.000	1,540.00	45%	847.00		
J390	Mileage, Heavy Vehicle	miles	26	8.550	222.30	45%	122.27		
J391	Mileage, Auto, Pick-Up or Treating Van	miles	26	4.830	125.58	45%	69.07		
J401	Bulk Delivery, Dry Products	ton-mi	219	2.850	624.15	45%	343.28		
	SUB-TOTAL FOR Freight/Delivery Charges				624.15	45.00%	343.28		
	FIELD ESTIMATE				27,583.37	44.75%	15,239.26		
AFET# 09123910									
CODE 8720.618									
SUB-TOTAL FOR Equipment									
SUB-TOTAL FOR Freight/Delivery Charges									
FIELD ESTIMATE									
ARRIVE LOCATION:		MO.	DAY	YEAR	TIME				
		10	07	2010	11:30				
CUSTOMER REP.		Tom Flynn							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									
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CUSTOMER AUTHORIZED AGENT		X							
BJ SERVICES APPROVED		X							