

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC		DATE 18-AUG-13		F.R. # 10011008519		SERV. SUPV. COLE W MARRIOTT							
LEASE & WELL NAME MCPEEK #4-8-10 - API 05123368220000		LOCATION 10-2N-66W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Ensign 122		TYPE OF JOB Long String									
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD TVD						
Cement Plug, Rubber, Top 4-1/2 in	Float Shoe 4-1/2 - 8rd												
	Float Collar, Auto Fill, 4-1/2 - 8rd												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES									
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
50:50:3+.6%FL52+.1%SMS+20%SF		0		235	13.5	1.71	8.30 03:00 71 45.94						
ClayCare Water		0		0	8.4	0	0 00:00 133.14						
PLC+.2%CD32+.7%FL52+6%Gel+.2%ASA301+3#/sk		0		365	12.5	2.00	10.90 03:00 130 94.63						
Mud Clean I		0		0	8.34	0	0 00:00 20						
Freshwater		0		0	8.34	0	0 00:00 40						
Surfactant Wash		0		0	8.34	0	0 00:00 20						
Available Mix Water 900 Bbl.		Available Displ. Fluid 300 Bbl.		TOTAL		414.14 140.57							
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
7.875	10	8160	4	4.5	11.6	CSG	8096	8065	N-80	8096	8072	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.
8.1	8.63	24	CSG	950	950	No packer	0	0	0	4.5	8RD	WATER BASED	9.6
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			
125.4	BBLS	ClayCare Water	8.4	1358	0	0	0	0	6224	3000	Rig		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 BPM				
Mud Density In: 9.6 LBS/GAL Mud Density Out: 9.6 LBS/GAL						PV & YP Mud In: 12			PV & YP Mud Out: 12				
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: 1.5 BBLS							
Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input type="checkbox"/> FULL						Method Used to Verify Returns: Visual							
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 32			Type: <input 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 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													

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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

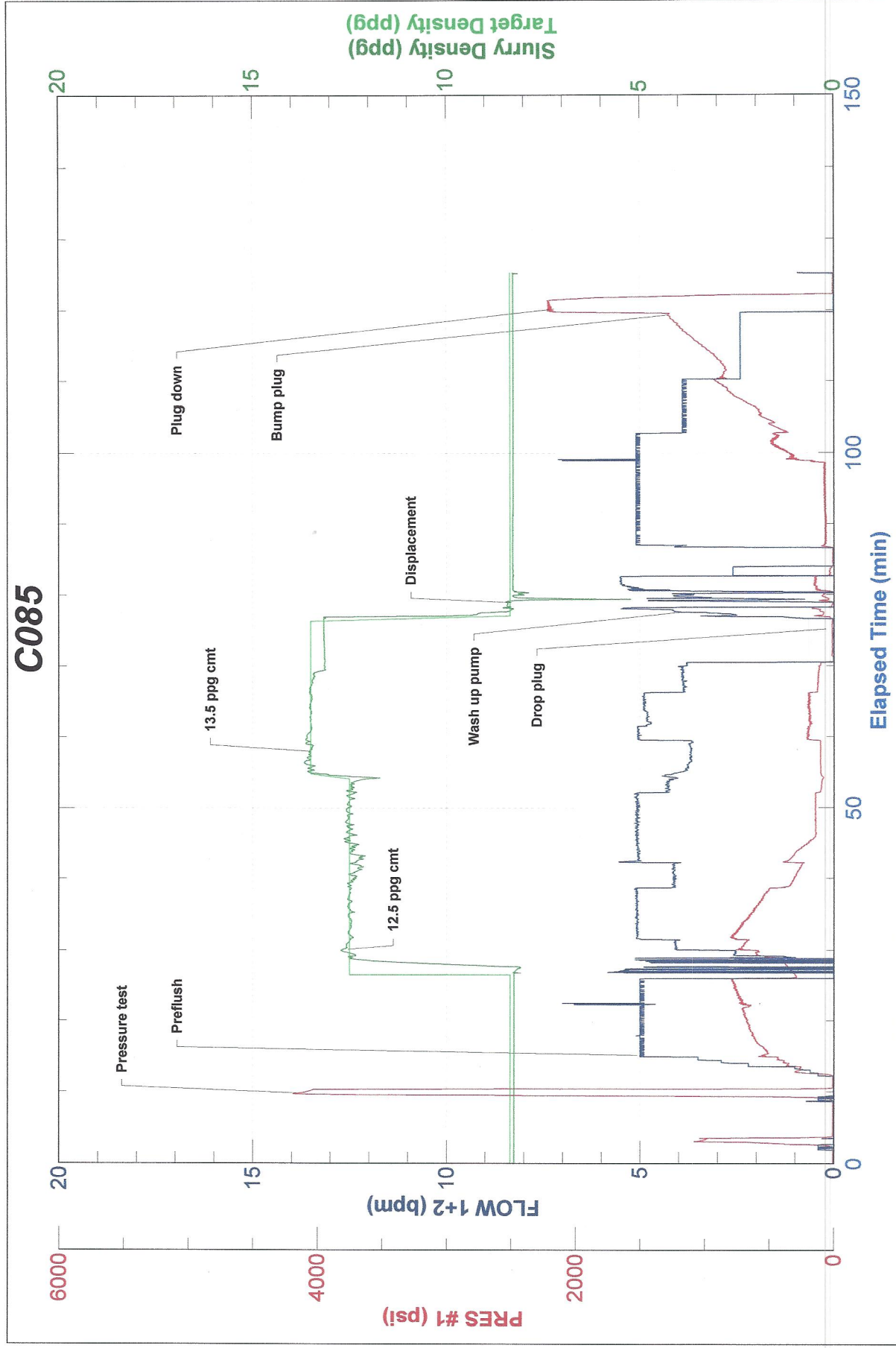
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4188 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
22:30	0	0	0	0	N/A	Arrive on location 13 miles	
23:15	0	0	0	0	N/A	Spot trucks rig installing landing joint	
23:25	0	0	0	0	N/A	Pre rig up safety meeting	
01:30	0	0	0	0	N/A	Pre job safety meeting	
02:04	4188	0	0	0	H2O	Pressure test	
02:14	511	0	5	20	H2O	Mud clean I	
02:20	630	0	5	20	H2O	Surfactant wash	
02:24	732	0	5	20	H2O	Fresh water	
02:29	135	0	5	128	CMT	Batch up weigh and pump 365 sxs of lead cement @ 12.5 ppg	
02:56	101	0	4.2	70	CMT	Batch up weigh and pump 235 sxs of tail cement @ 13.5 ppg	
03:20	0	0	0	0	N/A	Drop plug	
03:29	417	0	5	80	H2O	Displacement started to loose returns 80 barrels into	
03:45	923	0	4	20	H2O	Slow rate	
03:52	1220	0	2.4	25	H2O	Bumped plug had no returns but positive lift pressure last 10 barrels	
04:01	2211	0	0	0	N/A	Plug down	

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	1220	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	383	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Baker Hughes JobMaster Program Version 3.60
Job Number: 10011008519
Customer: Encana
Well Name: Mcpeek 4-8-10

C085





FIELD RECEIPT NO. 10011008519

CUSTOMER ENCANA OIL & GAS (USA) INC - XML		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20011760 - 0040056573-1		INVOICE NUMBER	
MAIL INVOICE TO STREET OR BOX NUMBER 370 17TH ST, STE 1700 US BANK TOWER		CITY DENVER		STATE Colorado		ZIP CODE 80202			
DATE WORK COMPLETED	MO. 08	DAY 18	YEAR 2013	BHI REPRESENTATIVE COLE W MARRIOTT		WELL API NO: 05123368220000		WELL TYPE: New Well	
DISTRICT BJS, BRIGHTON				JOB DEPTH(ft) 0		WELL CLASS: Gas			
WELL NAME AND NUMBER MCPEEK #4-8-10				TD WELL DEPTH(ft) 0		GAS USED ON JOB: No Gas			
WELL LOCATION :		LEGAL DESCRIPTION 10-2N-66W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE: Long String	
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement			sacks	118	27.000	3,186.00	58%	1,338.12
100121	Silica Flour			lbs	3948	0.500	1,974.00	58%	829.08
100275	Sodium Metasilicate			lbs	20	3.670	73.40	58%	30.83
100283	R-3			lbs	32	3.290	105.28	58%	44.22
100317	Poz (Fly Ash)			sacks	118	12.000	1,416.00	58%	594.72
398110	Mud Clean I			gals	840	1.510	1,268.40	58%	532.73
398224	Premium Lite Cement			sacks	365	21.850	7,975.25	58%	3,349.61
488013	CD-32			lbs	64	11.900	761.60	58%	319.87
488015	FL-52			lbs	342	24.100	8,242.20	58%	3,461.72
488019	FP-6L			gals	7	93.500	654.50	58%	274.89
488353	CSE-2			lbs	1096	1.510	1,654.96	58%	695.08
488449	Bentonite II			lbs	2499	0.470	1,174.53	58%	493.30
488532	GasFlo G, 330 gal tote			gals	2	105.000	210.00		210.00
488584	NE-945, tote			gals	1	135.000	135.00	58%	56.70
499702	ClayCare, Clay Treat-2C, 260 gl tote			gals	6	90.000	540.00	58%	226.80
499705	ASA-301			lbs	64	18.150	1,161.60	58%	487.87
499789	FAW-4			gals	2	115.000	230.00	58%	96.60
ARRIVE LOCATION : 08 18 2013 22:30				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. Scott Osborn				CUSTOMER AUTHORIZED AGENT X					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				BHI APPROVED X					



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DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 0		WELL CLASS : Gas											
WELL NAME AND NUMBER MCPEEK #4-8-10					TD WELL DEPTH (ft) 0		GAS USED ON JOB : No Gas											
WELL LOCATION :		LEGAL DESCRIPTION 10-2N-66W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String									
PRODUCT CODE		DESCRIPTION			UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT		% DISC.		NET AMOUNT			
		SUB-TOTAL FOR Product Material									30,762.72		57.60%		13,042.14			
A152	Personnel Surcharge - Cement Svc			ea		1		152.000				152.00		0%		152.00		
M100	Bulk Materials Blending Charge			cu ft		756		3.930				2,971.08		58%		1,247.85		
		SUB-TOTAL FOR Service Charges											3,123.08		55.18%		1,399.85	
F019A	Cement Pumping, 8001 - 9000 ft			6hrs		1		9,775.000				9,775.00		58%		4,105.50		
F090	Fuel per pump charge - cement			pump/hr		4		57.500				230.00		0%		230.00		
J050	Cement Head			job		1		595.000				595.00		58%		249.90		
J225	Data Acquisition, Cement, Standard			job		1		1,540.000				1,540.00		58%		646.80		
J390	Mileage, Heavy Vehicle			miles		26		8.550				222.30		58%		93.37		
J391	Mileage, Auto, Pick-Up or Treating Van			miles		26		4.830				125.58		58%		52.74		
		SUB-TOTAL FOR Equipment											12,487.88		56.93%		5,378.31	
J401	Bulk Delivery, Dry Products			ton-mi		389		2.850				1,108.65		58%		465.63		
		SUB-TOTAL FOR Freight/Delivery Charges											1,108.65		58.00%		465.63	
ARRIVE LOCATION :				MO.	DAY	YEAR	TIME	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.				08	18	2013	22:30	Scott Osborn					CUSTOMER AUTHORIZED AGENT					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								CUSTOMER AUTHORIZED AGENT					BHI APPROVED					



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WELL NAME AND NUMBER MCPEEK #4-8-10				TD WELL DEPTH(ft) 0		GAS USED ON JOB : No Gas					
WELL LOCATION : 10-2N-66W				COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String			
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		% DISC.	
		FIELD ESTIMATE								47,482.33 57.28% 20,285.93	
ARRIVE LOCATION : 08 18 2013 22:30		MO. DAY YEAR TIME		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. Scott Osborn				CUSTOMER AUTHORIZED AGENT							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT							

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CUSTOMER AUTHORIZED AGENT

BHI APPROVED