December 11, 2009

Mr. John McCarthy
Chief Conservation Officer
National Energy Board
444-7th Avenue S.W.
Calgary, Alberta T2P 0X8

Transmittal :

RE: **Abandoned Wells (WID #1942 PC Devon Kugpik L-46 and WID #1977 PC Devon Nuna I-30)**
Suspended Wells (WID #1600 PCI Canterra Bele O-35, WID #1555 PCI Canterra Tweed Lake A-67, WID #1476 PCI et al Tweed Lake M-47)

Please find enclosed paper copies and a CD containing the following information:

Report on Abandonment for wells Kugpik L-46, Nuna I-30
Well Termination record for all wells (except Tweed Lake M-47)
Report on Workover for wells Bele O-35, Tweed Lake A-67, only
Well Inspection report for Bele O-35,Tweed Lake A-67, Tweed Lake M-47

Thank You

B Fahlman

B.Fahlman for
Jeff Bever
Team Leader
Frontier Gas
jbever@suncor.com

MAIL ROOM
SALLE DE COURIER
2009 DEC 11 P 12: 32
NEB/ONE

Received By: _____ Date: _____

(please return a signed copy for our records)

PETRO-CANADA

PETRO-CANADA OIL and GAS
COMPLETIONS DEPARTMENT

REPORT ON WORKOVER

AT

PCI Canterra Tweed A-67

FROM: 24 Sep 2009 TO: 24 Sep 2009

Prepared By: Kevin Hoff

Approved By: Bob Barvir
Bob Barvir

Distribution

Wellfile	26 PCCW
Regulatory	NEB
Field Office	
Area Office	
Partners	

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OPERATIONS SUMMARY : PCI Canterra Tweed A-67 Workover 1

Rig : Non-rig Operated
Field Supervisor(s) : Kevin Hoff
Completions Supervisor : Bob Barvir — Phone : (403) 296-3444
Prod Engineer : Dan Whiting — Phone : (403) 296-7162

Well Objective
Pressure test production casing to verify integrity and inject corrosion inhibitor into the wellbore

Daily Operations Summary	
Day 1 24 Sep 2009	Conducted bubble test on surface casing; test negative. Inhibited 178 mm production casing with 200 litres Nalco R-7390 inhibitor. Pressure tested wellbore to 1000 kPa. Serviced wellhead and cleaned up location. FINAL REPORT

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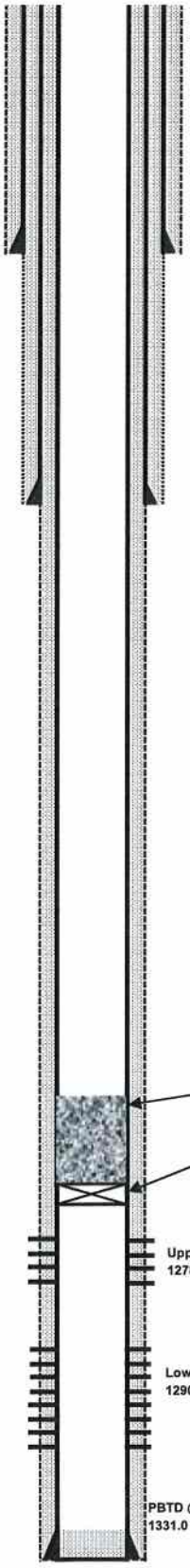
PETRO-CANADA Oil and Gas

Well Name PCI Canterra Tweed A-67 **Date** May 7/09

UWI **WA / Licence #**

Surface Location **Latitude** 66° 56' 11.60"N **Longitude** 125° 56' 18.88"W



Elevations

KB Elevation	397.10 m	**KB-THF**	5.80 m	**TD**	1347.0 mKB
GL Elevation	390.90 m	**KB-CF**	6.35 m	**PBTD**	1250.7 mKB
		KB-GL	6.20 m		

Wellhead: Manufacturer	Size and Rating mm	x	mm	MPa	x	mm	MPa	x	mm	MPa
Cameron	245	x	279	21	x	179	21	x	65	21

Casing	Hole mm	Jts #	OD mm	Wt. kg/m	Grade	Thread	Top	Bottom	
Conductor	444	5	340	101.2	K-55	ST&C	surface	61.5	mKB
Surface	311	62	245	59.5	MN-80	LT&C	surface	754.0	mKB
Production	216	132	178	43.2	L-80	LT&C	surface	1347.0	mKB

Annular Fluid 10% NaCl water w/ 0.9 % inhibitor & topped w/ 1.6 m^3 diesel m^3

Perforations / Open Hole		Top	Bottom	BHP	BHT	H_2S	CO_2
Date	**Formation**	(mKB)	(mKB)	(kPa)	(°C)	(%)	(%)
Feb 7/86	Lower Mount Clark (abandoned)	1290.5	1301.0	13,000	12.0		
Feb 19/86	Upper Mount Clark (abandoned)	1278.5	1284.5	13,000	12.0		

Bottomhole Equipment Description (from top down) depth in mKB

Item	Jts	Description	Length	Top
1		Class 'G' cement above bridge plug	9.3	1250.7
2		178 mm Halliburton EZ-drill permanent bridge plug		1260.0

Remarks

Well Status Suspended Mt. Clark gaswell. **Prepared by** Bob Barvir


PCI Canterra Tweed A-67
2009 - 09 - 25
PCI CANTERRA
TWEED LAKE A67
WID 1555

PCI Tweed A-67 2009-09-25

COMPLETIONS DAILY REPORT # 1 : PCI Canterra Tweed A-67 Workover 1

Rig : Non-rig Operated
Field Supervisor : Kevin Hoff — Phone : (250) 706-9375
Completions Supervisor : Bob Barvir — Phone : (403) 296-3444
Prod Engineer : Dan Whiting — Phone : (403) 296-7162

Daily Report

Daily Operations Summary

Conducted bubble test on surface casing; test negative. Inhibited 178 mm production casing with 200 litres Nalco R-7390 inhibitor. Pressure tested wellbore to 1000 kPa. Serviced wellhead and cleaned up location.

FINAL REPORT

24Hr Operations Plan

Job wrap up in Norman Wells including fluid and garbage disposal. Prepare to demob equipment and personnel back to Edmonton 2009 - 09 - 26.

Well Objective

Pressure test production casing to verify integrity and inject corrosion inhibitor into the wellbore

Well Data

Province	NWT	**PBTD**	1251.0 mKB	**Day Cost**	$38,100	**Report #**	1
Field		**GRD Elev**	390.9 m	**Cum Cost**	$38,100	**Job Start**	24 Sep 2009
UWI		**KB Elev**	397.1 m	**AFE**	$113,983	**Job End**	24 Sep 2009
Licence		**KB - THF**	5.80 m	**AFE #**	P789029	**Total Job Hrs**	10.00 hrs
PCOG WI	100%	**KB - CF**	6.35 m	**Day Manhours**	81 hrs	**Total P Hrs**	10.00 hrs
H2S Class		**8AM Temp**	2°C	**Total Manhours**	81 hrs	**Total NPT Hrs**	0.00 hrs

Morning Well Status

Tubing	kPa	Casing	kPa	H2S	Comment:	FINAL REPORT

Operations For Period 0730 Hrs to 1730 Hrs On 24 Sep 2009

Class	Operation	From	To	Hrs	Activity Description
P	PLN	0730	1130	4.00	NEB notified of planned work and commencement time 2009 - 09 - 18. Reviewed ERP and workover program with Suncor Logistics, Completions, Stream-Flo and Canadian Helicopters personnel. Travelled to Bele O-35 location from Norman Wells via helicopter. Picked up equipment left on location from previous day. Topped up Bele O-35 wellhead with diesel for freeze protection. Travelled to Tweed A-67 location.
P	STM	1130	1200	0.50	Held on-site operational and safety meeting with all personnel on location.
P	PTO	1200	1730	5.50	Conducted 10 minute bubble test on surface casing vent line; test negative. No pressure noted on 178 mm production casing. Plumb bobbed diesel fluid level at 11 mCF. Serviced wellhead valves with Stream-Flo personnel. Tightened tubing head bonnett studs. Topped up casing with 160 liters Nalco R-7390 corrosion inhibitor. Pressure tested casing to 1000 kPa for 10 minutes; test good. Pumped remaining 48 liters inhibitor into well in 4 x 12 liters stages, allowing 15 minutes between stages for inhibitor to migrate through diesel. Bled diesel cap off well and repeated injecion stage, pressuring casing up to 2000 kPa each time. After 200 liters total injected into casing, allowed 20 minutes for diesel to migrate to surface. Bled casing to zero. Secured, chained and padlocked wellhead with combination lock #0246. Cleaned up location. Flew all equipment and personnel back to Norman Wells base. FINAL REPORT

General Comments

0730 TO 1730 Hrs ON 24 Sep 2009

Comments	Daily costs include total demobe estimates FINAL REPORT

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