

N E B COPY

NATIONAL ENERGY BOARD
Exploration and Production

DEC 14 2009

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 BarvirDistributionWellfile
Regulatory
Field Office
Area Office
Partners

26 PCCW

NEB

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OPERATIONS SUMMARY : PCI Canterra Tweed A-67 Workover 1

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Rig : Non-rig Operated
Field Supervisor(s) : Kevin Hoff
Completions Supervisor : Bob Barvir
Prod Engineer : Dan Whiting

Phone : (403) 296-3444
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



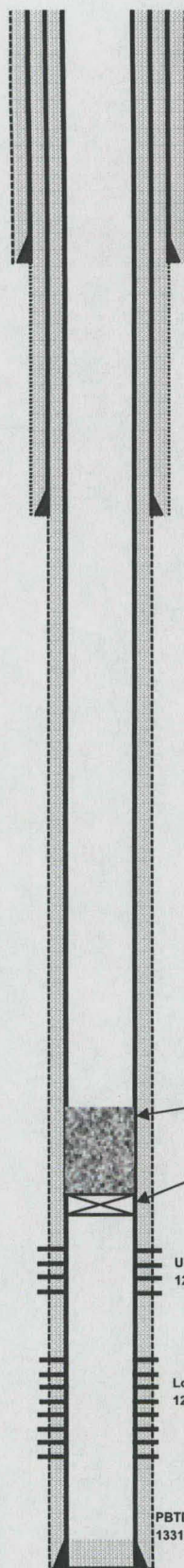
Surface Location

Date May 7/09

WA / Licence #

Latitude 66° 56' 11.60"N

Longitude 125° 56' 18.88"W

[illegible]

PCI Canterra Tweed A-67

2009 - 09 - 25

PCI CANTERRA
TWEED LAKE A 67
WID 1555

PO Tweed A-67

2009-09-25



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

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Rig : Non-rig Operated
Field Supervisor : Kevin Hoff
Completions Supervisor : Bob Barvir
Prod Engineer : Dan Whiting

Phone : (250) 706-9375
Phone : (403) 296-3444
Phone : (403) 296-7162

24 Sep 2009

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
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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 bonnet 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 injection 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