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|----------------------|--------------------------|------------|-------------------------------------|-------------|-------------------------------------|
| Nova Scotia | <input type="checkbox"/> | West Coast | <input type="checkbox"/> | Well Status | |
| Newfoundland | <input type="checkbox"/> | Northern | <input checked="" type="checkbox"/> | Suspended | <input type="checkbox"/> |
| Gulf of St. Lawrence | <input type="checkbox"/> | Hudson Bay | <input type="checkbox"/> | Completed | <input checked="" type="checkbox"/> |
| | | | | Abandoned | <input type="checkbox"/> |

APPLICATION TO ALTER CONDITION OF A WELL

This application form is to be submitted in triplicate to the District Conservation Engineer at least 45 days before commencement of operations

Well Name: Columbia et al Kotaneelee Y.T. I-48 Area: Kotaneelee
 Coordinates: Lat: 60°07'35.917"N Long: 124°07'36.450"W
 Operator: Columbia Gas Development Of Canada Ltd. Contractor: Cenalta Well Servicing Ltd.
 Drilling Rig or Unit: N/A Depth: 4026m PBD
 Date ATDW Issued: 79-03-22 Date of Last Operation: January, 1991
 UWI 3001486010124000

TYPE OF OPERATION

Pressure test 177.8mm production casing. Set permanent packer. Pressure test and run in 89mm tubing string. Conduct acid frac. Flow well on clean-up through the Kotaneelee Gas Plant.

SUMMARY OF PROPOSED OPERATIONS

1. Rig up wireline. Run in and set a Baker Model "DB" production packer at 3545m KB.
2. Pressure test packer and annulus to 21 MPa for 15 minutes.
3. Pick up locator seal assembly and 89mm CSH tubing and run in hole. Pressure test tubing on the way in to 50 MPa.
4. Circulate annulus to inhibited water.
5. Land seals in packer and tubing in conventional tubing hanger. Pressure test seals to 21 MPa. .../2

Signed: B.M. Jackson, P.Eng. Title: Chief Drilling and Production Engineer
 Date: January 18/91 Company: Columbia Gas Development Of Canada Ltd.

APPROVAL

An approved copy of this notice should be posted at each wellsite.

Signed: _____
 Conservation Engineer
 Date: _____
 ATDW No: _____ File: _____