



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: Paramount et al Bovie C-76 Area: Fort Liard, Northwest Territories
Coordinates: Lat: ...60° 15' 14.83" Long: ...122° 59' 22.34"
Operator: Paramount Resources Ltd. Contractor: Alberta Gold
Drilling Rig or Unit: ...30 Depth: ...3221 mKB
Date ATDW Issued: January 7, 1997 Date of Last Operation: Presently on well

TYPE OF OPERATION

Directionally drill out of 177 mm casing

SUMMARY OF PROPOSED OPERATIONS

Abandon perforations 3119 - 3175 mKB.
Abandon perforations 2900 - 2426 mKB.
Mill section of 177 mm casing.
Cement a 139.7 mm liner with 150 m overlap to top of Nahanni.
Directionally drill through the Nahanni, overbalanced then underbalanced.
Production test.
Leave well suspended waiting on production facilities.

Signed: J. Macdonald Title: Drilling and Completions Consultant
Date: Feb 19/98 Company: Paramount Resources Ltd.

APPROVAL

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

Well Status

Suspended ☐
Completed ☐
Abandoned ☐

Signed: Jerry Baker
Conservation Engineer
Date: February 20, 1998
ATDW No: File: WID #1817



Exploratory ☒
Development ☐

Delineation ☐
Service ☐

AUTHORITY TO DRILL A WELL

APPLICATION

This application is submitted with Section 82 of the Canada Oil and Gas Drilling Regulations. When approved under Section 83 of the Regulations, it is the requisite authority for the commencement of drilling operations.

Well Name in Full: Paramount et al Bovie C-76A
Operator: Paramount Resources Ltd. Drilling Program No.:
Contractor: Alberta Gold Permit or Lease No.: EL 369
Drilling Rig or Unit: Rig #30 Estimated Well Cost:
Location-Unit: C Section: 76 Grid Area: 60° 20' 122° 45'
Coordinates: Lat.: 60° 15' 14.83" Long.: 122° 59' 22.34"
Area: Ft. Liard, N.W.T. Field/Pool:
Elevation-RT/KB: 432.5 (ASL) GL: 426.8 (BRT)
Approx. Spud Date: Feb. 20, 1998 Estimated Days on Location: 35
Anticipated Total Depth: 3200 m Target Horizon(s): Nahanni

EVALUATION PROGRAM

Ten-metre sample intervals N/A
Five-metre sample intervals From kick off point to TD.
Canned sample intervals N/A
Conventional cores at N/A
Logs and Tests GR - DSI - CAL
LDT - CNL - NGT - MLT - EDAC - DLT - MSFL - EMS

CASING AND CEMENTING PROGRAM

	O.D.	Weight:	Grade:	Setting Depth Below Seafloor:	Cementing Program (Volumes):
Existing:	339.7	81.1	K-55	453	70t.
	244.5	69.9	L-80	1713	60t 1:1:2 + 36t 0:1:0
	177.8	43.2	L-80	2897	19.5t. Cmt. Top 2629 m

Proposed: 127.0 2450 - 2880
B.O.P. Equipment: 152.4 mm 35 MPa Shoffer Double Gate BOP
152.4 mm 35 MPa Hydril GK Annular BOP

Other Information: Proposed operation - cut window at 2635 m, drill to top Nahanni
(2880 m) and set slimline 127 mm casing to 2880 m. Drill to TD of 3200 m.

Signed: *J. Maskromt* Title: Drilling and Completions Consultant
Date: Feb. 19, 1998 Company: Paramount Resources Ltd.

APPROVAL

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

Signed: *T. M. Baker*
Engineering Branch
Date: Feb 20/98

File: 9211-P33-8-301, WID. 1850
UWI 300C766020122452

Canada