

1. GENERAL FILE INFORMATION ON SCREENING

File Number: N1998A0942
FEAI I.D. Reference #:
Project Title: N1998A0942-Paramount Resources Ltd. - Oil & Gas, Cameron Hills I-74
Alias Project Title: Oil & Gas Exploration
Proponent: Paramount Resources Ltd.
Type of Proponent: Industry
Subject Descriptors: oil and gas
EA Type:
EA Start Date: 1999/01/01
Proposed Date of Activity: 1998/12/03
EA Determination: Section 20 (1)(a)
Determination Date: 1998/12/20
Project Abandoned:
Follow-up program required: No
Est. Follow-up prog. end date: No

2. RESPONSIBLE AUTHORITY (RA) IDENTIFICATION

Lead RA and Screening Div.: South Mackenzie District
Lead RA Contact: Ed Hornby 669-2765
NAP District: South Mackenzie District
Lead RA Trigger Types: law list 0470
Type of Application: land use permit
Type of Approval being sought: new
Present licence/permit/lease #:
Other RAs or Screening Div.: NEB, Water Board
Other RA Trigger Types:
Other RA Types of Approval: Alter condition of a well, water licence
Project File Location: South Mackenzie District

3. PROJECT LOCATION

Region: Northwest Territories
Topographic Map Sheet Number: 85C/4
Geographic Place Name: Cameron Hills
Latitude: 60° 4' 35" N **Longitude:** 117° 28' 19" W
Drainage Region:
Watershed: The Hay River
Street Name:
Nearest Community: Steen River, Alberta
Surrounding Land Status: Crown
Special Designation:

Multiple Activities:

Physical Act. from Inclusion List: — Yes

Project Category Code: Point

Phase of Prj./Prim. Undertaking: Operation

Project Description:

Re-opening access road and wellsite to Paramount et al Cameron I-74, which was previously constructed. Operations will be conducted in the winter only, which will cause minimal environmental and resource impact. A standard portable drilling camp will be used. Equipment: Caterpillars, Grader, water truck and drilling rig. Fuel: Diesel = 1- 400 bbl, gasoline = 4 42 gal, propane and oil mud

Sources Used:

land use applications
personal information
historical maps
contour maps

5. DESCRIPTION OF ENVIRONMENT

Ecozone: taiga plains

Description of Biophysical Environment:

Flat, Treed muskeg with thick peat layer over permafrost. Access passes over treed muskeg, pine ridges, swamp and high ground vegetated with spruce and aspen.

Description of Socio-economic and Cultural Environment:

There has been considerable oil & gas exploration in this area over the years. There is some hunting and trapping in the vicinity and a bit of recreational use by snowmachines.

Past and Current Land Use Activities in the Area:

Running Maps (current permits and licences)
Interference Maps (other land dispositions)
Historical Maps (expired permits and licences)

Date application referred to gov. ts: 1998/12/07
Date application referred to public: 1998/12/07
Deadline date for public comments: 1999/01/05
Referral sent to: Town of Hay River

Contact Person:
Date comments received:

Referral sent to: DIAND - R.M.O.
Contact Person:
Date comments received:

Referral sent to: DIAND - Water
Contact Person:
Date comments received:

Referral sent to: GNWT - PWNHC
Contact Person:
Date comments received:

Referral sent to: GNWT - RWED
Contact Person:
Date comments received:

Referral sent to: Dene Nation
Contact Person:
Date comments received:

Referral sent to: Metis Association
Contact Person:
Date comments received:

Referral sent to: DFO
Contact Person:
Date comments received:

Referral sent to: NOGD
Contact Person:
Date comments received:

Referral sent to: Fort Providence Hamlet Office
Contact Person:
Date comments received:

Referral sent to: Hay River Metis Local 51
Contact Person:
Date comments received:

Referral sent to: Deh Gah Gotie Dene Council
Contact Person:
Date comments received:

Referral sent to: Fort Providence Metis
Contact Person:
Date comments received:

Referral sent to: Enterprise Settlement Corporation
Contact Person:
Date comments received:

Referral sent to: Hay River Dene Band

Referral sent to:

WEST POINT FIRST NATION

Contact Person:

Date comments received:

Referral sent to:

Ka'a'gee Tu First Nation

Contact Person:

Date comments received:

Referral sent to:

Deh Cho First Nations

Contact Person:

Date comments received:

Referral sent to:

NEB

Contact Person:

Date comments received:

7. IDENTIFICATION OF PROJECT COMPONENTS AND ENVIRONMENTAL EFFECTS

7a. PROJECT COMPONENTS:

vegetation removal 1
burning 1
site restoration - planting/seeding 1
site restoration - fertilization 1
fuel storage 1
excavation 1
oil/gas exploration/extraction 1
garbage - disposal of sewage 1
garbage - waste generation 1
equipment use 1
access road modification 1

Accidents or malfunctions:

Effects of environment on project

7b. PROJECT EFFECTS:

alters microclimate affecting - permafrost/ground ice 7
alters permafrost regime affecting - permafrost/ground ice 7
alters vegetation community affecting - terrestrial ecosystem 5
increases noise levels disturbing - workers 5
increases vibration levels disturbing - workers 5
releases pollutants into air contaminating - local air quality 5
risks human health/safety affecting - workers 5

8. IDENTIFICATION OF OTHER RESOURCE USES AND THEIR ENVIRONMENTAL EFFECTS

OTHER RESOURCE USES:

fishing
hunting/subsistence
recreational
trapping

9. CUMULATIVE ENVIRONMENTAL EFFECTS

10. MITIGATION MEASURES AND TERMS AND CONDITIONS

10a. Mitigation Measures:

Effect

Description of Mitigation Measure(s)

10b. TERMS AND CONDITIONS:

11. SIGNIFICANCE

After taking into account mitigations, the following adverse environmental impacts are significant:

12. LIKELIHOOD OF OCCURANCE

The following significant adverse effects are likely to occur:

13. CEAA DETERMINATION RECOMMENDATION

Section 20 (1)(a) - Project may proceed as it is not likely to cause significant adverse environmental effects.

14. SCREENING REPORT AND/OR DECISION REPORT

Public Notice of availability of Screening Report: No
Public Notice of availability of Decision Report: No
Public Comments Received on Screening Report: No
Public Comments Received on Decision Report: No
Record of comments attached to screening form: No
Decision Report: No Decision Report
Decision Report sent to:

Prepared By: _____
Drew Forbes

Date: December 14, 1998

Approved By:  _____
Ed Hornby
Land Use Administrator

Date: December 20, 1998