



## Sahtu Land and Water Board

### Staff Report

<b>Division:</b> Land and Water Program	<b>File No.</b> S06B-005
<b>Permit Type:</b> Seismic	<b>Licence Type:</b> NA
<b>Date Prepared:</b> August 19, 2021	<b>Meeting Date:</b> September 23, 2021
<b>Subject:</b> Final Plan for Land Use Permit S06B-005 – Summit Redstone 06-1 Seismic Program – 60 km SW of Tulit’a, NWT	

#### 1.0 Purpose/Report Summary

To present the Final Plan for the Summit Redstone 2D Seismic Program submitted by Husky Oil Operations Limited (Husky) for Board approval and clearance (Attachment 1).

#### 2.0 Background

Husky completed an Exploratory Seismic Program in the Summit Creek – Redstone area that consisted of the acquisition of approximately 200 km (11 lines) of 2D seismic data in the summer 2006.

##### 2.1 Project Overview

The Program used the Little Smith Staging area (authorized under Permit S05B-003 and Licence S05L3-002) and the Keele River Staging Area (authorized under Permit S05T-006 and Licence S05L3-003) to support the operation of the summer heli-portable seismic program.

The original program had been approved for 450 km (21 seismic lines). The program area was bounded by Moose Prairie and Moose Nest Creek area to the west, the Dahadinni River to the south, the Mackenzie River to the east and Stewart Lake to the north. The Summit-Redstone 06-1 Seismic Program was used by Husky to assess the hydrocarbon potential on, and near, the previously held Exploration Licenses EL397 and EL423.

The hand cut seismic lines were completed using helicopter portable drilling and recording techniques to minimize ground traffic and disturbance. Wherever possible, the seismic lines followed a meandering path and vegetation was cleared by hand to a width of 1.5 metres. Seismic shot holes were drilled at 150 m intervals and the receiver geophones were spaced at 25 m intervals. Clean-up was conducted at the same time as the recording phase, with all slash bucked and laid flat to the ground, shot holes plugged and reclaimed with a native grass seed mix where required, and all lath, flagging tape and trash removed.

The most recent Inspection Report dated July 17, 2019, noted an abundance of vegetation, all permit conditions met and a recommendation for file closure (Attachment 2).

## 2.2 Process Requirements

**Permit Start Date:** July 4, 2006

**Expiry Date:** July 3, 2011

**Final Plan Submitted:** November 27, 2020

A Type A Land Use Permit was required for the following activities: Use and operation of heavy equipment, construction of a camp, clearing of land, construction of airstrips, use of dynamite, and fuel use and storage.

## **3.0 Comments**

### 3.1 Land Use Fees

In total Husky submitted fees of \$5,300.00 for the Land Use Permit, including the \$150.00 non-refundable application fee. The actual area of land used for the Summit Creek Seismic Program and the Little Smith Staging Area was 46 ha of which 30 ha was Federal Crown Land and 16 ha Sahtu Private Settlement Lands. Schedule 1 of the MVLUR states that a Land Use Fee for federal public lands of \$50.00/hectare will be made if lands proposed to be used exceed two hectares. In the MVLUR there is no distinction for parts of a hectare.

	<b>Hectares</b>	<b>Land Use Fee (\$)</b>
<b>Submitted with Original Application</b>	103	\$5,150.00
<b>Actual Crown Land Used</b>	30	\$1,500.00
<b>Total Owning/Refund</b>		\$3,650.00

\*Note: The original application fee includes two hectares free under the MVLUR

There has been an overpayment of land use fees of \$ 3,650.00. Since the Permit was issued prior to devolution of the NWT on April 1, 2014, the land use fees will be refundable from Canada.

### 3.2 Security Deposit

No security deposit was required for this Project.

### 3.3 Other Agency Comments

The Manager, Resource Management for the GNWT – Department of Lands, Sahtu Region has confirmed that they have no concerns with the file and recommend File Closure (Attachment 2).

#### **4.0 Conclusion and Recommendation**

Section 33 of the MVLUR states: *When a permittee has complied with all conditions of the permit and with these Regulations, the Board shall issue a letter of clearance to the permittee with a copy to the federal Minister.*”

Board staff recommend that the Board:

- Make a motion to accept the Final Plan and issue a letter of clearance (Attachment 3) to the Permittee with copy to the Government of Canada for the refund of land use fees.

#### **5.0 Reference Material Attached**

- 5.1 Husky Oil Operations Ltd. Final Plan with location maps
- 5.2 Inspection Report from GNWT-Lands
- 5.3 Draft Letter of Clearance

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Bonnie Bergsma', with a long horizontal flourish extending to the right.

Bonnie Bergsma  
Regulatory Specialist