



Exploratory  Development  Other: (N/A) Delineation Service

## APPROVAL TO DRILL A WELL

This application is submitted under Section 82.(1) of the *Canada Oil and Gas Drilling Regulations* (SOR/79-82). When approved under Section 83 of the Regulations it is the requisite approval for the commencement of drilling operations.

Well Name:	Husky et al Keele River L-52			
Operator:	Husky Oil Operations Limited			
Operating License No.:	1171			
Contractor:	Akita Sahu Drilling Ltd			
Drilling Rig or Unit:	Rig # 14			
Land Use Permit No.:	S07A-015			
Location:	Unit:	L	Section:	52
Coordinates:	Surface: (NAD 27)	Lat.:	64°1'30.2"	Long.:
	Bottom Hole:	Lat.:	64°1'30.2"	Long.:
Region:	Mackenzie Valley- Central			
Elevation KB/RT:	300.30m			
Approximate Spud Date:	1/10/2008			
Anticipated Total Depth:	830.00m			
Drilling Program No.:				
Interest Identifier:	Exploration Licence 423			
Estimated Well Cost:	\$9000000.00			
Water Licence No.:	S07L1-004			
Grid:	64-10-124-45			
Field / Pool:	North Cloverleaf			
GL / Seafloor:	304.0m			
Est. Days on Location:	22			
Target Formation:	Little Bear formation			

### EVALUATION PROGRAM

	Interval (m KB)	Comments
Ten-metre samples:	.....	.....
Five-metre samples:	0.00 - 830.00	3 sets, 5 m interval from surface to well total depth
Canned sample intervals:	0.00 - 830.00	1 set, 5 m interval, unwashed, bagged (500mg)
Conventional cores at:	540.00 - 576.00	Conventional core in Little Bear Formation (Optional)
	250.00 - 250.00	Array Induction Resistivity, DJ-Pole Sonic, Gamma (250- TD), Dual CNL-Density Gamma (250- TD) (Neutron /GR will be extended to surface across surface casing)
Logs and Tests:	830.00	Temperature Log (250- TD), UBI Formation Imager (250- TD), MDT, Sample & Pressure (optional), Side wall Core (optional), Open hole DST (optional)

### CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m³)
339.72	90.76	K-55	30.00	2.00
244.50	69.94	L-80	250.00	14.30
177.80	34.23	L-80	830.00	18.4
.....	.....	.....	.....	.....

B.O.P. Equipment: See attached

Other Information: Well Program Attached

Signed: Kim Richardson Date: December 3, 2007

Responsible Officer

Name: Kim Richardson Operator: Husky Oil Operations Ltd  
Title: Drilling Superintendent Phone: (403)298-7273

### NEB USE ONLY

An approved copy of this notice is to be posted at each drillsite. This operation is authorized under Section 5.(1)(b) of the *Canada Oil and Gas Operations Act* (O-7) and is subject to the terms and conditions attached to this authorization.

Date: 17 JAN 08  
File: 9200  
WID: 2052  
UW: 300L526410124450

Signed: D. F. W.  
Chief Conservation Officer