GEOLOGICAL PROGNOSIS
(Preliminary)

WELL NAME: Pacific et al Peel YT-F-37

LOCATION: Unsurveyed Territory
Latitude 66°56'26", Longitude 134°51'54"

ELEVATIONS: Ground: 160' (est.) Kelly Bushing: 172' (est.)

Geological Markers	Subsea	Depth
Lower Cretaceous	+ 172'	Surface
Mississippian	- 628'	800'
Imperial	- 1128'	1300'
Canol	- 7128'	7300'
Hume	- 7428'	7600'
Gossage	- 7778'	7950'
Ronning	- 9228'	9400'
Total Depth	-10828'	11000'

PROGRAM:

1. Drill into the Hume 50 feet and cut a 60 foot core, (for stratigraphic studies); if significant porosity occurs at the top of the Hume, drill 30' into porosity and run a drill-stem test. Drill-stem test other worthwhile porosity when encountered.

2. Repeat the above for the Gossage and Ronning formations except, cut 120' cores in each rather than 60 feet. Drill-stem test worthwhile porosity in both formations.

3. Total depth may be reached when formation water is encountered from a DST in the Ronning. (This should be cleared through the Calgary office.)

4. Additional drill-stem testing will be carried out, based on log and sample evaluations when T.D. has been reached.

SAMPLES:

Pacific - 10' intervals - Surface to total depth.

Canadian Fina - 1 washed set 10' intervals - Surface to total depth.

- 1 unwashed set of bagged samples - Surface total depth.

Home Oil - 1 washed set - surface to total depth.

Golden Eagle - none required.

Kerr McGee - none required.

Canadian Superior - to be determined.

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ANALYSES: Core analysis (porous sections only) - full diameter analysis.

Oil, gas and water from all DST's, (3 samples - top, middle and bottom of recoveries.)

LOGS: (Schlumberger)

First Run Logs - To be carried out in the event that intermediate casing is run.

Dual Induction - Laterlog

2" - 100', Intermediate T.D. to surface casing.
5" - 100', Intermediate T.D. to surface casing.

(BHC) GR/Sonic-Caliper (40-70-100 scale over Carbonates and 40-90-140 scale over upper shales)

2" - 100', Intermediate T.D. to surface (Gamma Ray only through casing.)
5" - 100', Intermediate T.D. to surface (Gamma Ray only through casing.)

NOTE #1: A four armed, high resolution dipmeter may be required at this time, to be cleared through the Calgary office.

Final Run Logs

Dual Induction - Laterlog

2" - 100', F.T.D. to intermediate casing.
5" - 100', F.T.D. to intermediate casing.

(BHC) GR/Sonic-Caliper (40-70-100 scale over Carbonates)

2" - 100', F.T.D. to intermediate casing.
5" - 100', F.T.D. to intermediate casing.

(BHC) Formation Density Log

2" - 100', F.T.D. to intermediate casing.
5" - 100', F.T.D. to intermediate casing.

Sidewall Neutron Porosity - Lithology

2" - 100', F.T.D. to intermediate casing.
5" - 100', F.T.D. to intermediate casing.

NOTE #2: If First Run Logs are not needed, then run the FDL and the SNP-Lith. logs from T.D. to 200' above the Hume only.

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NOTE #3: The four armed high resolution dipmeter may be required at this time, to be cleared through the Calgary office.

REQUIREMENTS:

	Logs			
	Field	Final	Analysis	DST Reports
Pacific (Calgary)	4	2	3	3
Canadian Fina	2	2	2	2
Home Oil	2	2	2	2
Golden Eagle	2	3	2	1
Kerr McGee	2	2	2	2
Canadian Superior	2	2	2	2

PARTNERS WITH DERRICK FLOOR PRIVILEGES:

Canadian Fina Oil Ltd.
Home Oil Co, Ltd.
Golden Eagle Oil and Gas Ltd.
Kerr McGee of Canada Ltd.
Canadian Superior Oil Ltd.

P. Gen.
For S. B. Smith
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JRB/clr