

Drilling Authority No.
Date Issued

WELL NAME N.W.T. Dee; Bay No. 1

FIELD Wildcat..... Area: ..Great Slave Lake

LOCATION: Unit G Section 10 Grid 61-20 116-45.....

Latitude 61-16 Longitude 116-45-15.....

From Established Reference Marker

Rig Release Date: ... 6-5-52.....

Status D & A

Information Release Date ... 6-5-54.....

CHANGE OF NAME:

DATE RECEIVED	INDEX
	Application for a Drilling Authority. Well Completion Data. Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
	Application to Abandon a Well or Suspend Drilling.
	Application to Alter Condition of a Well. Well History Supplement. Well Completion Data. Work-over Report No.....
	Application to Commingle Production before Measurement.
	Data for Back Pressure Test on Natural Gas Wells — Menograph 7 Method.
	Data for Back Pressure Test on Natural Gas Wells — Vittor's Method.
	M.P.R. — Oil — Calculations.
	New Oil Well Report.
	New Gas Well Report.
	Well Inspection Report.
	Rig Inspection Report.
	Battery Inspection Report.
	Equipment Report.
	Well Card.
	Well Visit.
	Daily Drilling Reports.
	Logs. Large scale Small scale

DATE RECEIVED

LOGS:

Name

Run No.

Type

Interval

ANALYSES:

Sample

Lab. No.

Formation

Interval

A.O.F. Potential

Formation

Interval

M.C.F.D.

Test Data

DRILL STEM TESTS:

No.

Formation

Interval

C O P Y

61° 16' 116° 45'
CONFIDENTIAL

N.W.T. PETROLEUMS

General Petroleum of Canada, participating in the above company, is operating a Failing 55 rotary rig at Deep Bay on P. & N.C. Permit No. 234 (see attached map).

The company geologist has given the following section from the N.W.T. Deep Bay No. 1 well which was spudded in April 18th and abandoned May 4th:

Top May River shale	55 feet
" Simpson shale	110 feet
" Slave Point detrital	
limestone	375 feet
" " " bedrock	
limestone	426 feet
" Presqu'ile dolomite	926 feet
" (Slave Point limestone?)	1043 feet
Bottom of hole in above	1321 feet

Significant sections were:

- 645 - 665 Limestone, good porosity, highly fractured, some bleeding oil.
- 665 - 900 Limestone, oil stained, fair to good porosity.

Three drillstem tests produced no significant results other than a little gas and sulphur water.

N.W.T. Deep Bay No. 2 well was spudded in May 15th and had reached a depth of 846 feet on May 29th. Results of this drilling are reported to be better than from the No. 1 well.

Top May River shale	40 feet
" Simpson shale	65 feet
" Slave Point limestone	351 feet

Significant sections were:

- 351 - 366 Limestone, vuggy, bleeding, fractured.
- 402 - 425 Limestone, finely crystalline, bleeding.

A drill stem test on the first section gave sulphur water and traces of oil.

WEST TERRITORIES OILS LIMITED

Petco Limited, NewHanchmans Oil Company Limited and Western Homestead Oils Limited are participating in a summer program of stratigraphic exploration to be carried on by West Territories Oils Limited. Four wells will be drilled within twenty-five miles east and south of Fort Simpson.

Yellowknife, N.W.T.
June 2, 1952.

Ed. A.B. Irwin
Resident Geologist.

NOTICE OF INTENTION TO ABANDON A WELL

CHIEF

MAY 19 1952

Notice to be forwarded, in duplicate, to the Director, (Lands Division), Northern Administration and Lands Branch, Department of Resources and Development, Ottawa.

Re: N. W. T. Deep Bay #1

Notice is hereby given, as required by Section 80 of the P. & N. G. Regulations, dated May 9, 1949, that it is the intention of the day of May 2nd 1952, to abandon Well No. 1. Elevation: 14' above level. Southwest shore Deep, Great Slave Lake, approximately feet, located on southeast shore from mouth "Punch" Creek and 350 yards in from shore. Permit No. 234

registered in the name of W. Leigh Brintnell of Edmonton

The reservoir is composed of Breckinridge equivalent and very poor porosity development in Slave Point limestone.

Oil, gas and water were encountered as follows and will be shut off as outlined below:- 621' - 665' 1/2 hr. Sulphur water to surface.

Oil:- Nil

Gas:- Nil

Water:- Water rose to (How near the surface) To surface.

The depth drilled to was 1321' feet and the following casings were inserted:

Diameter	Depth feet	Weight	Free, set or cemented	The intention is to withdraw feet
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No casing set.

Cement Plug:

40' - 65' 16 sacks
5' - 20' 14 sacks
Cellar filled.

A.B. Inman

Date May 15 1952

Signature

W. L. Brintnell

Title President N.W.T. Petroleum Limited

Address No. 7 Hangar, Municipal Airport
Edmonton, Alberta.

NOTICE OF INTENTION TO BEGIN BORING OPERATIONS

NOTICE to be forwarded, in duplicate, to the ^{Supervisory Engineer, Yellowknife} Director, ~~Lands Division,~~
~~Northern Administration and Lands Branch, Department of Resources~~
~~and Development, Ottawa,~~ at least 15 days before work is begun

April 15th 19 52

Sir:

Notice is hereby given as required by Section 34 of the Petroleum and Natural Gas Regulations, dated 9th of May, 1949, that it is our intention to begin boring a well on P. & N. G. Permit No. 234 on or about the

17th day of April 19 52.

Standing in the name of N. W. T. Petroleum Limited

and located in accordance with attached sketch

(Give below distances from boundaries)

Being approximately 3 miles S.E. of the N.W. boundary and about 2 miles S.W. of the N.E. boundary.
 The well shall be known as N. W. T. Deep Bay #1.

We intend using the following equipment:-

Type of drilling rig: Rotary Pailing #55 New or used. Used

CASING

Size	Weight	Thread	Brand	New Used	Depth	How set
7"	23 lbs.	2		new	300'	Cemented

We expect to encounter the following oil, water and gas horizons and propose taking care of them as follows: We will inform you of any changes in this programme.

We expect to encounter slave point limestone at 365' and Precambrian Dolomite at 550'

The well is to be drilled by ~~the company~~ Contractor. If contractor give name.

The officers in charge of the operations will be: General Petroleum Limited

At the well C. Matthews, Engineer

Of the Company General
 Petroleum of Canada Limited

Name of Permittee: E. L. Brintnell,

Signature W. L. Brintnell

Approved A. B. Lewis

Title