

Drilling Authority No. 248

Project No.

File No.



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL RESOURCE MANAGEMENT DIVISION

Application for a Drilling Authority

This notice of intention to begin drilling operations, in triplicate, and where required a plan of survey approved by the Surveyor General showing the target area or the site of the well must be submitted and approved before commencing operations.

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to drill:—

Name and number of well Pan Am Shell Merrill YF J-67

Location: Unit J Section 67 Grid 60°20'N, 124°15'W

Latitude 60°16'30" Longitude 124°27'00"

From Established Reference Marker

Universal Well Location Reference 60.27500° N. Lat. 124.45000° W. Long.

Elevation: Ground K.B. feet above sea-level.

Well is expected to produce from Middle Devonian carbonate formation at a depth of about 5500' feet. Expected total final depth 7000'

Area assigned to well

(for Oil Conservation Engineer's use only)

Permit No. 2722 Lease No. N/A Acreage 63,534 acres

Permittee, licensee, or lessee Shell

Exploratory Licence No. 225 1581

Surface owned by Crown

(If allocated submit name and address of owner and occupant.)

Petroleum and natural-gas rights owned by Crown

We propose to use the following strings of casing, either cementing or landing them as indicated below:—

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Sacks of Cement
1. <u>13 3/8"</u>	<u>54.5#</u>	<u>K-55</u>	<u>New</u>	<u>900</u>	<u>To surface</u>
2. <u>7"</u>	<u>23#</u>	<u>K-80</u>	<u>New</u>	<u>0-6300</u>	<u>To comply</u>
3. <u>7"</u>	<u>23#</u>	<u>S00-95</u>	<u>New</u>	<u>6800-6900</u>	<u>with</u>
4. <u>7"</u>	<u>26#</u>	<u>S-95</u>	<u>New</u>	<u>6900-7000</u>	<u>regulations</u>
5.					

Expected water, gas, and oil horizons and type of control equipment.....

Middle Devonian Carbonate

Drilling mud and blowout preventers and 1 hydril and 1 double gate Schaeffer,

hand and hydraulic remote controlled

Well will be drilled with Rotary Rig No. 42H by Brinkerhoff

(Drilling Contractor or company)

Responsible agent of applicant:— Contractor's Business Licence No. Not reg'd

At well J.A. Scharff At registered office same

Address 9916A Richmond Ave. Address same

It is understood that if changes become necessary, notice of the change of plan will be submitted.

Dated at Grande Prairie, this 14 day of January 19 69

Signed by J.A. Scharff Company Pan American Petroleum Corporation

Title Drilling Foreman Operator's Licence No. 225 1200

(For Resource Management Division use only)

APPROVED

This application has been examined and approved subject to the following conditions:—

- The Company will submit to this office, on Tuesday of each week, the latest reports received by radio on the progress of the well.
- During well drilling and testing operations every effort shall be made to ensure

Dated 21st January 19 69 Oil Conservation Engineer B.H. Scharff

Forms to be submitted to Oil Conservation Engineer,
Department of Indian Affairs and Northern Development, Calgary, Alberta.

that drilling fluids, chemicals and wastes shall be disposed of or contained in a manner that will prevent the contamination of adjacent vegetation and surface or subsurface waters.

3. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.



B.H.J. Thoms
Oil Conservation Engineer