



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

Application to Amend a Drilling Authority

This application, in triplicate, must be submitted and approved before commencing operations. If the well location is changed, this application must be accompanied where required, with a plan of survey approved by the Surveyor General.

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made to amend Drilling Authority No. **325**, concerning **The casing design on the 9 5/8" intermediate casing string**
(Name and Number of Well)

The following amendments are required: **The revised 9 5/8" intermediate casing design at a mud weight of 10.60 per gallon is as follows:**

Top Joint	Size	Weight	Grade	Material
0 - 200 (202')	9 5/8"	47#	Soc-95	LT&C
200 - 4360 (4430)	"	40#	"	"
4360 - 6434 (1920)	"	43.5#	"	"
6434 - 9937 (3530)	"	"	Soc-95	"
9937 - 10522 (593')	"	47	"	"
10522 - 10904 (387)	"	"	S-95	"

Reasons for the amendments:
To drill deeper because a porous zone was encountered

Dated at **Grande Prairie**, this **21** day of **May**, 19**69**

Signed by *[Signature]*
Title **Area Foreman**
Company **Pan American Petroleum Corporation**

(For Resource Management Division use only)

APPROVED

This application has been examined and approved subject to the following conditions:
Confirming oral approval given by Mr. B.H.J. Thoms on the 21st May 1969.

Date **26th May**, 19**69** (for) Oil Conservation Engineer

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