

VERBAL APPROVAL FORM

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
910 State Office Building Portland, OR 97201

MISCELLANEOUS APPLICATION

(In compliance with rules and regulations pursuant to ORS 520)

ARCO
(Company or operator) Columbia County 44-21
(Lease) (Well No.)
Sec. 21, T. 6 N, R. 5 W M.B.&M. Surveyed Coordinates: 250' FSL, 600' FEL
Wildcat: _____ (or) Field Name: Mist Gas Field County: Columbia
Date: 1/15/85 Person: Al Adler Position: Field Supervisor

This application becomes a permit when signed and dated by DOGAMI in the box below.

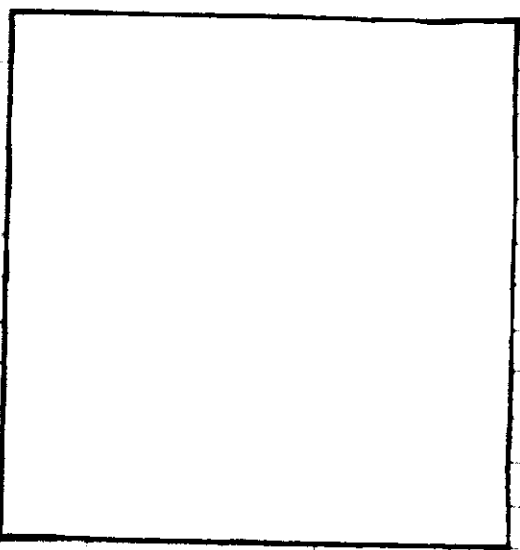
The present condition of the well, including complete casing record, is as follows:

Location only = not drilled.

Following is a detailed account of proposed work:

- Change depth of 9 5/8" casing from 400 ft to 1000 ft. Cement to surface.
- Change proposed total depth of well from 3500 ft to 4500 ft.
- Change 13 3/8" conductor casing to 16".

DOGAMI Approved 1-15-85
By Kevin Z. Albrecht



2640'