

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building Portland, Oregon 97201

APPLICATION FOR PERMIT TO DRILL AN OIL AND GAS WELL OR STRATIGRAPHIC HOLE
(To be accompanied by a \$100 permit fee for new wells only and a surety bond conditioned as provided by law.)

St. Helens,, Oregon March 24, 1983

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296 OR 1977) application is hereby made for permit to drill a (new well) (stratigraphic hole) to be known as REICHHOLD ENERGY CORP./ WERNER
(company or operator) (lease)

Well No. 34-21 in SE/4 of Sec. 21, T. 5S, R. 2W W.B.&M,
St. Louis Field, Marion County.

Survey Coordinates: 600' N & 1500' W of SE corner

Elevation of ground above sea level is 180 feet. All depth measurements are taken to top of Kelly Bushing, which is 11.4 above ground.

Lessee: REICHHOLD ENERGY CORPORATION

Address: P.O. Box 810, St. Helens, OR 97051

Lessor: Carl Werner

Address: 13543 Manning Road, Gervais, OR 97026

We propose to use the following strings of casing and to land or cement them as herein indicated:

Size of hole	Size of casing	Weight in pounds per foot	Grade and type	New or second hand	Depth	Landed or cemented No. sacks cement
12 1/4	8 5/8	24	K-55	New	1100	395
7 7/8	5 1/2	15.50	K-55	New	3500	120
1 1/2	13 3/8"				200	cem. to surface
12 1/4	8 5/8"	24	K-55	New	1500I	cem. to surface

1375 psi collapse

Proposed Depth: 3500' Objectives: Spencer Sand

REICHHOLD ENERGY CORPORATION

company or operator

By [Signature]

Position Staff Geologist

Send communications regarding well to:

Name W.F. Covert

Address P.O. Box 810

St. Helens, OR 97051

Approved April 21, 1983
except as follows: The January 1983 stipulations approved by the Governing Board of this Department are conditions of this permit.
DEPT. OF GEOLOGY & MINERAL INDUSTRY
By [Signature]
Petroleum Engineer

NOTE: This permit is valid only if land use approval is obtained from the county or city in which the drilling takes place, and provided these authorities make a determination of compliance with statewide goals. Issuance of this permit is not a finding of compliance with the Statewide Planning Goals or the acknowledged comprehensive plan.

RECEIVED PERMITS
MAR 30 1983
DEPT. OF GEOLOGY

change by
Telcon Stinson/
Olmstead
10/23/84