

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

APPLICATION FOR PERMIT TO DRILL AN OIL OR GAS WELL

(To be accompanied by a \$100 permit fee, a surety bond conditioned as provided by law, and evidence of mineral rights ownership or lease.) This application becomes a permit to drill when signed and dated by DOGAMI in box below.

In compliance with rules and regulations pursuant to ORS 520, application is hereby made for permit to drill

(a gas well) to be known as TENNECO OIL COMPANY COLUMBIA CO. 14-28
(an oil well) (Company or operator) (Lease) (Well No.)

in SW 1/4 of Sec. 28, T. 6N, R. 5W W.B.&M. Directional? No X Yes

Survey Coordinates: 750' N & 1100' E of SW Cor., Sec. 28-T6N/R5W
1170' 2187'

Wildcat: _____ (or) Field Name: Mist County: Columbia

Elevation of ground above sea level is ~~2649~~ 795.9 feet. All depth measurements are taken from K.B.
12', which is 12' above ground.

Lessor (Mineral Owner): Columbia County, Oregon **RECEIVED - PTLD**

Address: Columbia County Courthouse, First Street, St. Helens, Oregon 97051 **MAY 7 1985**

Surface Owner: Longview Fiber Co. **RECEIVED PTLD DEPT. OF GEOLOGY**

Address: P. O. Box 97, Vernonia, Oregon 97064 **MAY 7 1985**

Lessee: Tenneco Oil Co./Marathon Oil Co. **MAY 7 1985**

Address: P.O. Box 9909 Bakersfield, CA 93389 **DEPT. OF GEOLOGY A MINERAL INDUSTRY**

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/Type | Depth | Amount of cement |
|--------------|----------------|---------------------------|------------|-------|------------------|
| 12 1/4" | 8 5/8" | 24# | K-55 | 400' | 200 sx. |
| 7 7/8" | 5 1/2" | 15.5# | K-55 | 3500' | 845 sx. |
| | | | | | |
| | | | | | |

Geologic Objectives Clark & Wilson Sand

Proposed Depth 3500'

Company/Operator TENNECO OIL COMPANY

Signature Raph M. P. Letridge

Position Div. Land Manager

Date 4/30/85

SEND WELL COMMUNICATION TO:

Name R. E. McPhetridge

Address P. O. Box 9909
Bakersfield, CA 93389

Phone (805) 835-6800 (Day) (805) 398-8121 (Night)

DOGAMI Approved June 11, 1985

The September 1984 stipulations approved by the State Geologist are conditions of this permit.

By Dennis K. Olmstead
Petroleum Engineer

NOTE: (1) Issuance of this permit is not a finding of compliance with the Statewide Planning Goals or the acknowledged comprehensive plan. (2) Permit expires one year from date of issue. (3) Land use approval must be obtained from the county or city in which the drilling takes place. (4) Unless specifically exempted, permittee is obligated to comply with all current applicable statutes and rules