

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

O&G PERMIT #: 458

API #: 36-009-00284

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 Nahama & Weagant Energy Co. Columbia County CC 34-31-65
 (an oil well) (Company or Operator) (Lease) (Well No.)

in SE 1/4 of Sec. 31, T 6N, R 5W Directional? No Yes Survey Coordinates (if yes, BHL & SHL):
2100'W and 500'N from the SE/4

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

Elevation of ground above sea level is 830 feet. All depth measurements are taken from Kelly Bushing, which is 11.4 above ground.

Lessor (Mineral Owner): Columbia County

Address: Courthouse, St. Helens, OR 97051

Surface Owner: E. T. Johnston

Address: 10887 Highway 202, Birkenfeld, OR 97016

Lessee: Nahama & Weagant Energy Company

Address: 602 "H" St., Bakersfield, CA 93304

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
1 1/4"	8-5/8"	24	J-55	450'	300 sx
7-7/8"	4 1/2"	10.5	J-55	2110'	150 sx

Geologic Objectives Clark and Wilson Sand

Proposed Depth 2110' TVD

Company/Operator NAHAMA & WEAGANT ENERGY COMPANY

Signature Trent Rosenlieb

Position Engineer

Date 5-23-91

SEND WELL COMMUNICATION TO:

Name Trent Rosenlieb, c/o NVEC

Address 602 "H" St.
Bakersfield, CA 93304

Phone (805) 323-9075 (Day) (805) 323-9075 (Night)

DOGAMI approved June 19, 1991
 A log is required to confirm the cement of production casing is at least 500' above the perforations of the gas zone, or at least 100' above any fluid bearing zone, whichever is higher. The July '87 stipulations are conditions of this permit.
 by [Signature]

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 including those adopted after permit issuance.