

O&G F. MIT #: 456
 API #: 36-009-00282

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 the box below.

In compliance with rules and regulations pursuant to ORS 520, application is hereby made for permit to drill (a gas well)

(a oil well) to be known as Nahama & Weagant Energy Co. Adams 31-34-75
 (Company or Operator) (Lease) (Well No.)

in NE 1/4 of Sec. 34, T. 7N, R. 5W W.B.&M. Directional? Yes No

Survey Coordinates: 400' South & 2200' West from the Northeast corner Section 34; T7N; R5W

Wildcat: Yes (or) Field Name: _____ County: Columbia
 Elevation of ground above sea level is 1680 feet. All depth measurements are taken from Kelly Bushing, which is 11.4 feet above ground.

Lessor (Mineral Owner): Archie Adams 293
 Address: Iron Mountain Road, Redding, CA 96001
 Surface Owner: Longview Fibre Co. 287
 Address: P.O. Box 667, Longview, WA 98630
 Lessee: ARCO Oil & Gas 171
 Address: P.O. Box 147, Bakersfield, CA 93302

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	J-55	500'	350 sx
7 7/8"	4 1/2"	10.5	J-55	3600'	300 sx

Geologic Objective: Clark & Wilson Sand
 Proposed Depth: 3600 feet

DOGAMI Approved	<u>5/28/91</u>	Co./Operator	<u>Nahama & Weagant Energy Company</u>
	see below	Signature	<u>Trent Rosenlieb</u>
		Position	<u>Engineer</u>
		Date	<u>5-3-91</u>
BY <u>Archie Adams</u>	SEND WELL COMMUNICATIONS TO:		
	Name	<u>Trent Rosenlieb</u>	
	Address	<u>602 H Street</u>	
	Phone	<u>Bakersfield, CA 93304</u>	<u>323-9075 (day) 872-0386 (Night)</u>

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 the 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.

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.

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