

STATE OF OREGON
 DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
 800 NE Oregon St #28 Portland, OR 97232

O&G PERMIT # 517

API # 36-009-00336

APPLICATIONS FOR PERMIT TO DRILL AN OIL OR GAS WELL

(To be accompanied by a \$250.00 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 Enerfin Resources Northwest Columbia County #14-22-75 (Raptor)
 (Company or Operator) (Lease) (Well No.)

in SW ¼ of Sec. 22, T 7N, R 5W, Directional? No X Yes Survey Coordinates (if yes, BHL & SHL)
~~253' E and 1126' N from SW corner of Section 22~~ → 73' E and 1202' N from two corners Sec. 22

Wildcat: (or) Field Name: Mist Gas Field County Columbia
 Elevation of ground above sea level is 1410 feet. All depth measurements are take from Kelly
 Bushing , which is 10.00' above ground.

Lessor (Mineral Owner): 284 County of Columbia
 Address: Courthouse, St. Helens, OR 97051
 Surface Owner: 287 Longview Fibre Company
 Address: P.O. Box 639, Longview, WA 98632
 Lessee: 297 Enerfin Resources Northwest Limited Partnership
 Address: 5100 California Avenue, Suite 226, Bakersfield, CA 93309

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

Size of hole	Size of casing	Weight in pounds per foot	Grade/Type	Depth	Amount of Cement
25"	12"			40'	Surface pour
9-7/8"	7"	23#	J55/ERW	500'	145 sxs
6-1/4"	2-7/8"	6.5#	JUE 8rd	2825'	195 sxs

Geologic objectives Clark & Wilson Sand (C&W)
 Proposed Depth 2825' Company/Operator Enerfin Resources Northwest Limited Partnership

DOGAMI approved Nov. 27, 1998
 24-hour notice to DOGAMI for BOPE test and flow test.
 By: Don E. Wernick

Signature [Signature]
 Position Manager of Lands
 Date September 25, 1998

SEND WELL COMMUNICATION TO:
 Name Enerfin Resources Northwest Limited Partnership
 Address P.O. Box 1358
Clatskanie, OR 97016-3358
 Phone (503) 755-2010 (Day) (503) 755-2010 (Night)

NOTE: (1) Issuance of the 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.