STATE OF OREGON PARTMENT OF GEOLOGY AND MINERAL INDUSTRIE 910 State Office Building Portland, OR 97201

04G	PERMIT	#:	444
UAG	resmil	# 1	444

API #: 36-009-00270

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.

					for permit to drill
		and regulations pursuar			
(a gas well)	to be known	Northwest Natu	ral Gas Co.	NNG (Lease)	IW32c-10 (Well No.)
in <u>NE</u>	<u> </u>	. <u>10</u> , 1. <u>6N</u>	Fact from the We	w.b.am. Directi	onal? NoyesX
					(bottom hole location
/ildcat:	(or)	Field Name: Mist U	nderground Stora	ge County: _	Columbia
					aken from
					above ground.
esor (Mine	ral Owner):	Northwest Natu	ral Gas Company	22	2
Idnace:		220 N.W. Secon	d Ave., Portland	<u>, OR 97209</u>	
rface Owne	r:	Longview Fibre	Company	<u> </u>	7
			Longview, WA 986		
idress:		Northwest Natu			77
		220 N.W. Secon	d Ave Portland	OR 97209	
idress:	+- veo +bo fo	llowing strings of casi	ng and to land or ceme	nt them as herein i	indicated:
		Weight in pounds	<u> </u>		1
Size of hole	Size of casing	per foot	Grade/Type	Depth	Amount of cement
17½"	13 3/8"	54.5	K-55	450'	545 SX
12½" 8 5/8	8 5/8"	36.0	K-55	2000'	950 SX
<u> </u>					
<u> </u>	<u> </u>	Clark and Wilson S	and		2 24
		2600' TVD			العلم، لمن
Proposed D	epth2	112	Company/Oper	ator Oregon Natu	iral Gas Development
			Signature	bold than	mg
DOGAMI App	coved Al	ıgust 29, 1			ons Superintendent
Thic wol	ll is nermi	itted as a gas inj	ection-Date 8(3)	MMUNICATION TO:	
+ 6 - 3 - 3 - 3		well, and is not aploratory product 987 stipulations	52, 4 <u></u>	ld Thomas	
annroved	a nv the S	Late debiodist are	Name221	N.W. Second	Ave.
LCOUGI CIG	ons of this	BOP test.			209
RV 121	un I	Olluster			359-4956 (Night)
Denni	s L. UIMST	ead,Petroleum Engi		h the Statewide Pla	anning Goals or the acknowl- Land use approval must be

edged 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.

Form 1 (5-85)

