

MISCELLANEOUS APPLICATION - OIL OR GAS WELL
STATE OF OREGON • DEPT OF GEOLOGY & MINERAL INDUSTRIES • 229 BROADALBIN ST SW • ALBANY OR 97321

(In compliance with rules and regulations pursuant to ORS 520.)

(1) Permittee Information

Name	NW Natural
Mailing Address	220 NW Second Avenue
City/State/Zip	Portland, OR 97209
Telephone	(503) 226-4211
Fax	(503) 220-2595
Email	todd.thomas@nwnatural.com
Prepared by	Todd Thomas
On Site Contact	Ed Vadar
Phone (day)	(360) 269-2547
Phone (night)	(503) 728-9000
Other	

(2) Well Information

Well Name	CC 44-27-65
DOGAMI ID No.	466

(3) Proposed Work

Deepen	<input type="checkbox"/>
Rework	<input type="checkbox"/>
Abandon	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Todd Thomas
Signature

Project Manager
Title

12/13/04
Date

(4) Present Condition of Well

Size of hole	Size of Casing	Weight in pounds per foot	Grade/Type	Depth	Cemented Interval	Perforations (number and depth)	Tubing detail (type and location)
12 1/4"	9 5/8"	36#	J-55	460'	to surface		
8 1/2"	3 1/2"	9.3#	J-55	2148'	to surface	1699'-1703'	
						1646'-1657'	
						1716'-1719' (squeezed)	

(5) Wellhead Pressure (psi) 290 psi shut in surface pressure

(6) Detailed account of proposed work. (For P&As, describe the abandonment and site reclamation plan.)

See Attached

(7) P&A Design

Type of Cement	Cement Additives		Location of Plugs (Intervals)		Capacity of Plugging Interval		Volume of Cement		Excess Volume of Cement	
	Type	% by weight								
Portland, Type	I-II	% by weight	1703	ft.	.0087	bbls/ft.	148	bbls	5	bbls
		% by weight	surface	ft.		bbls/ft.		bbls		bbls
		% by weight		ft.		bbls/ft.		bbls		bbls
		% by weight		ft.		bbls/ft.		bbls		bbls

RECEIVED
 DEC 28 2004
 Mined Land Reclamation