

SUMMARY REPORT - 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	Northwest Natural Gas Company
Mailing Address	220 Northwest Second Ave.
City/State/Zip	Portland, OR 97209
Telephone	(503) 226-4211
Fax	(503) 220-2586
Email	Todd.Thomas@nwnatural.com
Prepared by	Todd Thomas

(2) Well Information

API: 36-009-00363

Well No.	IW 32dd-10-65
DOGAMI ID No.	O & G Permit #545
Drilling Commenced	June 25, 2005
Drilling Completed	July 15, 2005
Date P & A	
Total Depth	2578 ft M.D.
Redrill Depth	
Logs Run	Induction, Sonic, Gamma Ray, Neutron Density, EMI

Todd A. Glan
Signature

Project Manager
Title

5/2/06
Date

(3) Casing Record

Size of Hole	Size of Casing	Weight (pounds per foot)	Grade/Type	Depth	Type and Amount of Cement	
17 1/2"	13 3/8"	54.5	J-55	483 ft	Class III	83 bbls.
12 1/4"	9 5/8"	36.0	J-55	2191- ft	Halliburton Premium	156 bbls.

(4) Plugs & Junk

Plugs / Junk	Geological Marker	Depth
None	Keasey	636' TVD
	Cowlitz	1848' TVD
	Clark & Wilson	2108' TVD

(5) Perforations or Liner

Size of Casing	From	To	Shots/ft.	Method of Perforating		
				Jet	Bullet	Slotted Line
6 5/8"	2286 ft	2107 ft				Baker Excluder

(6) Initial Production

Date	Clean Oil (bbl/day)	Gravity	Percent Water	FTP	FCP	SITP	SICP

