

01N/02E-29DCR

900060

Alt 225 ± 3

6711 N. E. 58th Ave.  
Vancouver, Wash. 98661

SE.  $\frac{1}{4}$  T1N R2E Wm 29  
Phone: 694-6242

HANSEN DRILLING CO., Inc.

# LOG

Name Northwest Natural Gas Co.

Address 72nd & Broadway Portland Multnomah

Date Started 10-14-83 Date Finished 10-18-83

## DESCRIPTION:

- (a) Well Depth 250 ft. Diameter 8 3/4
- (b) Depth from ground surface to water level before pumping 0 ft. Bailer tested 0 GPM
- (c) Drawdown of water level is 0 feet.  
(pumping level minus static water level)
- (d) Casing - screen - perforation - shoe - etc.

10" surface casing	-4" - 20'4"
18 sks. cement	45 sks. coke
54 sks Gel (mud)	350# Graphite
250 ft. 1" pipe	3 yds. gravel

12 Hrs. Mob., demob., clean-up surface seal  
11 Hrs. Drilling  
7 Hrs. anodes, circulate, coke graphite gravel

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LOG 0900060

Log on Ground Information

Material	Depth
Top soil & gravel	0 - 2 TS
Gravel & clay	2 - 6 GC
Gravel sand boulders Lc Qag	6 - 65 GB
Black sand little gravel	65 - 95 SG
Brown sand & gravel little clay	95 - 105 SG
Semi cemented gravel l c	105 - 130 GR
Brown clay	130 - 138 95
Gravel sand & clay H	138 - 200 GS
Cemented gravel trace of clay	200 - 298 GR