

Alt. 322 15  
Multnomah County

15/3E 15 ACBA

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

Phone: 694-6242

900253  
HANSEN DRILLING CO., Inc.

## LOG

Name Northwest Natural Gas

Location: SE Regner Rd. & Elliott St.

Address Gresham, Oregon

Date Started 12-17-80 Date Finished 12-23-80

### DESCRIPTION:

(a) Well Depth 250 ft. Diameter 8 3/4"

(b) Depth from ground surface to water level before

pumping XX ft. Bailer tested XX GPM

(c) Drawdown of water level is XX feet.  
(pumping level minus static water level)

(d) Casing - screen - perforation - shoe - etc.

10" casing cemented	0-20
3 sks. cement	17 sks. coke
16 sks. gel	14 sks. graphite
250 ft. 1" w/gussets	2 yds. gravel

### Time:

6 hrs. mob., demob., clean-up

12½ hrs drilling

1 hr. down time

6 hrs. anodes, circulate, coke, graphite,  
gravel

11 Anodes on #2 Loop

PIONEER PTE. 1M

#14 Nustad/Burgstahler

#260

Alt. 322 ± 5 #260

Log on Ground Information

Material	Depth
clay brown	0- 9 CC
broken rock (hard)	9- 26 RU
gravel w/clay binder	26- 65 GC
gravel cemented	65-116 GR
brown clay	116-118 CC
gravel, sand w/clay binder	118-148 GS
sand & gravel	148-156 SG
sand, gravel w/clay binder	156-170 SG
sand & clay, brown	170-172 SC
gravel and sand	172-178 GS
boulder & gravel	178-200 BG
cemented sand, gravel w/clay layers 1'-2' thick	200-230 SR
sandy clay, green	230-254 CS