

02S/03E-07BDDA

Alt 407 ±3 25/3E 7

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Vancouver, Wash. 98661

Phone: 694-6242
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900376
HANSEN DRILLING CO., Inc.

LOG

205

Name Northwest Natural Gas Co.

location:

Address 172nd & Armstrong Circle

Clackamas County

Date Started 8-21-75 Date Finished 8-29-75

DESCRIPTION:

(a) Well Depth 400 ft. Diameter 10"

(b) Depth from ground surface to water level before
pumping _____ ft. Bailer tested _____ GPM

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

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

10" casing cemented 0 - 20'

400' of 10" pipe w/gussets

3 sk. cement 5 yds. gravel

22 sk. gel stagen

26 sk. mud coke & graphite

Time is 11
30 1/2 hrs. drilling time

7 hrs. mobilization & cleanup

2 hrs. down time

6 hrs. circulate anodes, coke,
graphite & gravel

Desmet

PIONEER PTC. IN

Log on Ground Information

Material	Depth
Brown dirt & small gravels	0 - 6 TB
Black rock broken at 11' & 17'	6 - 21 RQ
Black rock (M)	21 - 36 RQ
Decomposed black rock w/brown clay binder	36 - 39 RQ
Black rock (S)	39 - 42 RQ
Light brown clay	42 - 57 CC
Black & brown sand	57 - 62 SB
Cemented sand & gravel (LC)	62 - 108 SR
Brown clay	108 - 110 CC
Cemented sand & gravel (LC)	110 - 137 SR
Brown clay	137 - 139 CC
Cemented sand & gravel	139 - 162 SR
Sand & gravel w/layers brown clay	162 - 175 SG
Sand & gravel w/layers brown clay	175 - 202 SG
Brown clay	202 - 208 CC
Grey clay	208 - 297 CC
Black sand	297 - 303 SB
Grey clay	303 - 374 CC
Grey clay	374 - 400 CC