



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Special Standards Request Form

REQUEST FOR WRITTEN APPROVAL TO USE CONSTRUCTION METHODS NOT INCLUDED IN OREGON ADMINISTRATIVE RULES 690-200 THROUGH 690-240

Before the request can be considered, this form must be completed. Requests shall be submitted to the Well Construction Program Coordinator, Water Resources Department, 725 Summer Street NE, Suite A, Salem OR 97301-1266. Requests may also be considered by the appropriate Regional Manager.

Date of request: _____ **Oral approval date (if applicable):** _____

Bonded Well Constructor (name, license #, and mailing address): _____

(1) Location of Well: _____ 1/4 _____ 1/4 Tax lot _____ Section _____,
Township _____, Range _____, _____ County
Address at well site: _____

(2) Start Card Number(s)(for work to be done): _____

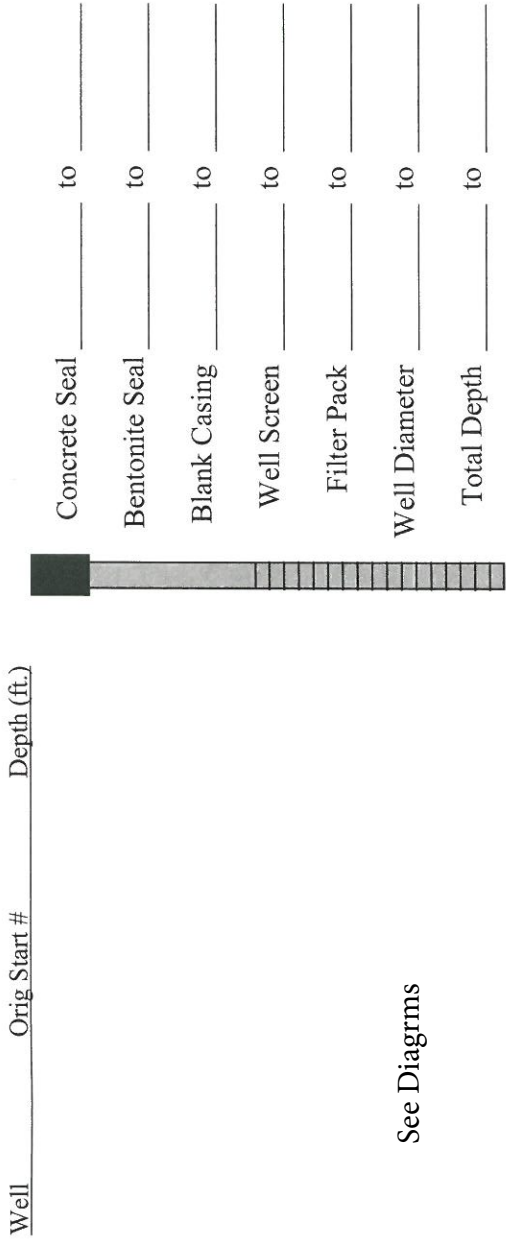
(3) Name and Address of Land Owner: _____

(4) Distance to the nearest septic tank, drainfield, closed sewage line (if water supply well)

(5) The unusual site conditions which necessitate this request: _____

(6) The proposed construction methods that the bonded well constructor believes will be adequate for this well: (attach additional pages if needed)

- (7) Diagram showing the pertinent features of the proposed well design and construction:
(attach additional pages if needed)



See Diagrams

PLEASE NOTE:

- (1) The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.
- (2) If it should be determined at some future date that the well, due to its construction, is allowing ground water contamination, waste or loss of artesian pressure, the undersigned shall return to the site and rectify the problem.
- (3) If oral approval was granted, a written request must be submitted to the Department either within three (3) working days of the date of oral approval or prior to the completion of the associated well work. Failure to submit a written request as described above may void prior oral approval.

I have read and understand the above information. I further attest that the information provided is accurate to the best of my knowledge.

Bonded Constructor Signature: _____

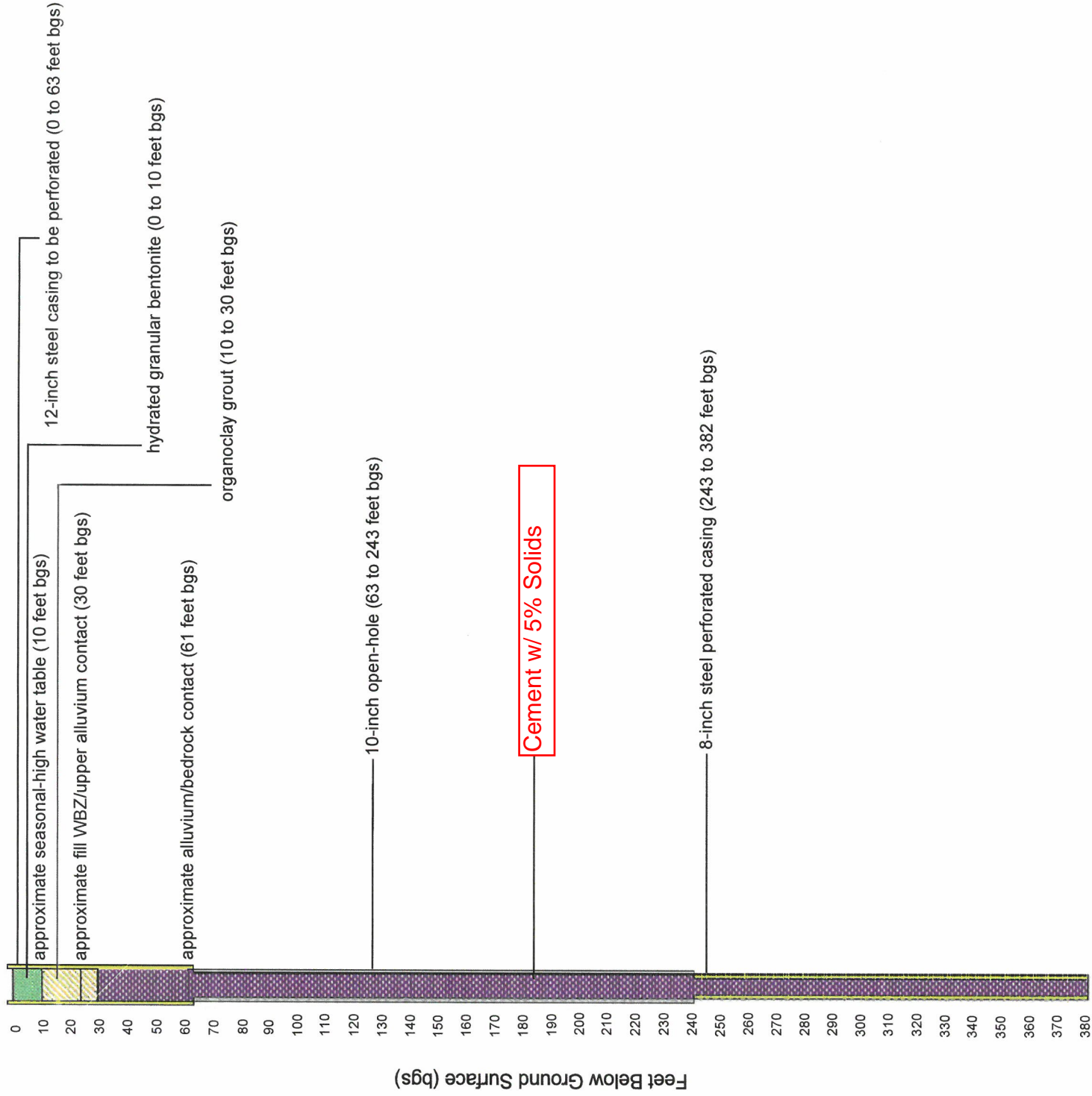



Figure 3
Mult 802 Decommissioning Plan

Water Supply Well Decommissioning
 NW Natural - Gasco Site
 7900 NW St. Helens Road
 Portland, Oregon

HAHN AND ASSOCIATES, INC.
 Project No. 2708

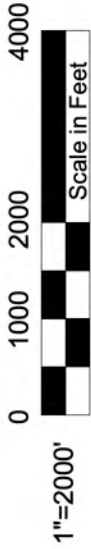
April 2019

HAHN AND ASSOCIATES, INC.

ENVIRONMENTAL CONSULTANTS
 434 NW 6th Avenue, Suite 203
 Portland, Oregon 97209
 503-796-0717



Notes:
 Base Map from Google Earth
 Imagery Date: 5/22/2017
 OU = Operable Unit



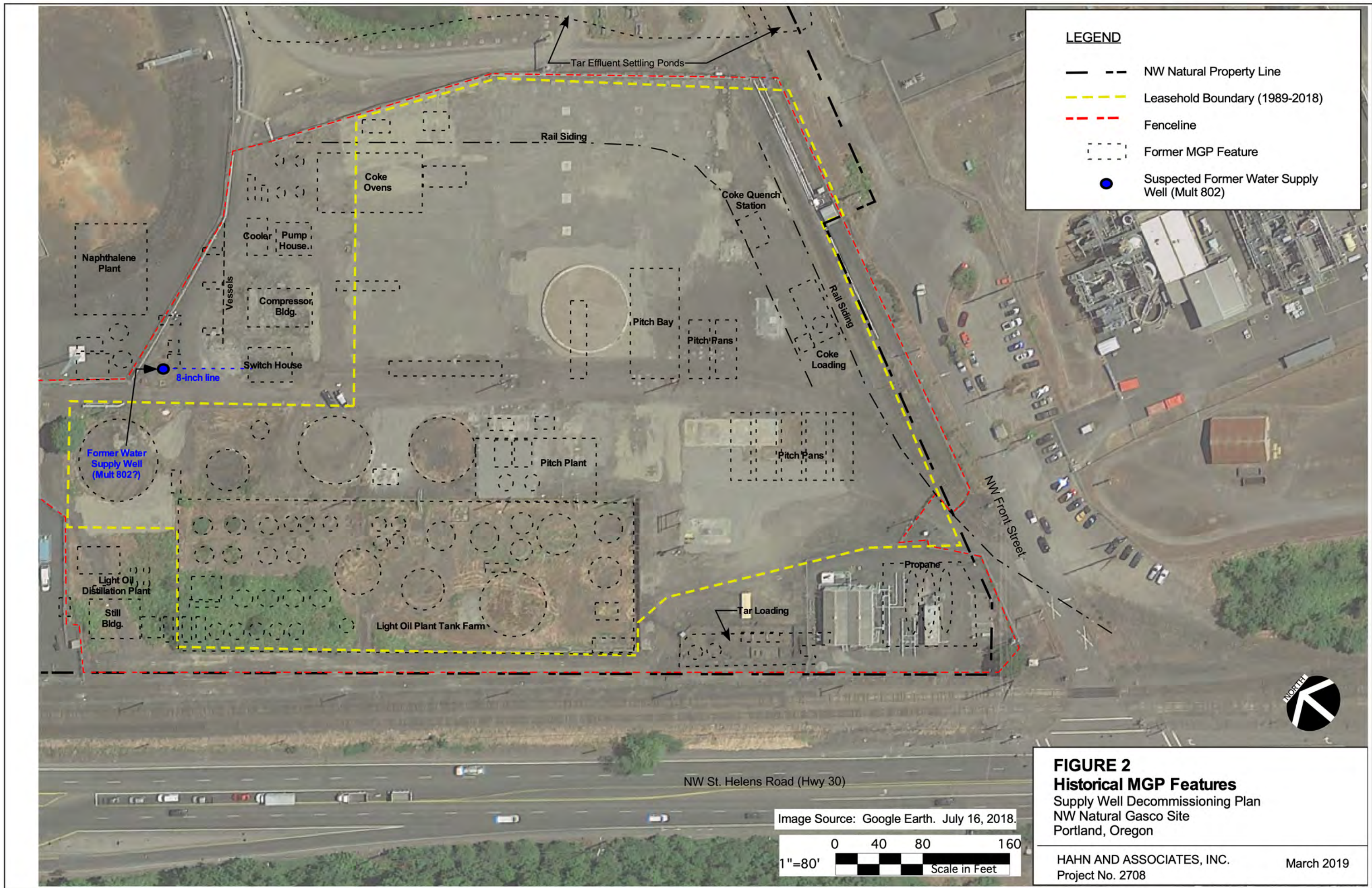
1"=2000'

FIGURE 1 Location Map

Water Supply Well Decommissioning
 NW Natural Gasco Site
 Portland, Oregon

HAHN AND ASSOCIATES, INC.
 Project No. 2708

January 2019



LEGEND

- NW Natural Property Line
- Leasehold Boundary (1989-2018)
- Fenceline
- Former MGP Feature
- Suspected Former Water Supply Well (Mult 802)

FIGURE 2
Historical MGP Features
 Supply Well Decommissioning Plan
 NW Natural Gasco Site
 Portland, Oregon

Image Source: Google Earth. July 16, 2018.

1"=80'

0 40 80 160
 Scale in Feet



MULT
802

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

State Well No. 1N/1W-12N

State Permit No.

(1) OWNER:

Name Portland Gas & Coke Company
Address

(2) LOCATION OF WELL:

County Multnomah Driller's well number
SW ¼ Section 12 T. 1N R. 1W W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

W Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in item 12.

(4) PROPOSED USE (check):

Domestic Industrial Municipal Rotary Driven
Irrigation Test Well Other Cable Jetted
 Dug Bored

(6) CASING INSTALLED:

Threaded Welded
12" Diam. from 0 ft. to 63 ft. Gage
8" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:

Perforated? Yes No
Type of perforator used
Size of perforations in. by in.
..... perforations from ft. to ft.
..... perforations from ft. to ft.
..... perforations from ft. to ft.
..... perforations from ft. to ft.
..... perforations from ft. to ft.

(8) SCREENS:

Well screen installed? Yes No
Manufacturer's Name
..... Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Well seal—Material used in seal
Depth of seal ft. Was a packer used?
Diameter of well bore to bottom of seal in.
Were any loose strata cemented off? Yes No Depth
Was a drive shoe used? Yes No
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Did any strata contain unusable water? Yes No
Type of water? depth of strata
Method of sealing strata off

(10) WATER LEVELS:

Static level 48 ft. below land surface Date 1954
Artesian pressure lbs. per square inch Date

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom?
Yield: 140 gal./min. with ft. drawdown after hrs.
" 150 " " with drawdown to 200 feet

Barlet test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well below casing
Depth drilled ft. Depth of completed well 382 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of partings and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Sand	0	61
Rock (basalt)	61	241
Sand and broken rock	241	246
Sand	246	258
Basalt, broken, soft	258	370
Data from USGS		

Work started 19 Completed 1948
Date well drilling machine moved off of well 19

(13) PUMP:

Manufacturer's Name H.P.
Type:

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME A. M. Jannsen (Type or print)
(Person, firm or corporation)
Address

Drilling Machine Operator's License No.

[Signed]
(Water Well Contractor)

Contractor's License No. Date 19

NOTEBOOK SHEET

Name _____ Date _____

Pond, 2 mi S of Exhe,
 Warden St. Johns bridge.
 "basalt at
 int. 60 ft.
 400 ft. dip.
 12" casing
 Sewer 4' S Mar 1954
 Pumps 1.59 gpm at 220 ft.
 Flowed when drilled 1941
 made 400 gpm.

9-185
(August 1949)
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION

WELL SCHEDULE

 Date _____ 1 April, 1954 Field No.
 Record by _____ Office No.
 Source of data Mr Wright, Engineer

1. Location: State Oregon County Mult
 Map Hillsboro
 _____ 1/4 sec. _____ T _____ N S R
 2. Owner: Port Had Gas & Coke Address 2900 NW 2
 Tenant _____ Address _____
 Driller A.M. Jamison Address Red Hill
 3. Topography Valley plain
 4. Elevation 30 ft. above S.L. May
 5. Type: Dug, drilled, driven, bored, jetted 19 48
 6. Depth: Rept. 382' ft. Meas. _____ ft.
 7. Casing: Diam. 12 in., to 8 in., Type Iron
 Depth 63' 12", Finish 140'-8" Part
 8. Chief Aquifer Sand? From 271 ft. to
 Others _____
 9. Water level _____ ft. rept. _____ 19 _____ abo
 _____ ft. meas. _____ belc
 _____ which is _____ ft.
 10. Pump: Type _____ Capacity _____ G. l.
 Power: Kind _____ Horsepower _____
 11. Yield: Flow _____ G. M., Pump 140 G. M., Meas. (Re)
 Drawdown _____ ft. after _____ hours pumping _____
 12. Use: Dom., Stock, PS., RR., Ind., Irr., Obs. Coking
 Adequacy, permanence Not adequate
 13. Quality c.t. _____ Temp _____
 Taste, odor, color _____ Sample Y
 Unfit for _____
 14. Remarks: (Log, Analyses, etc.) Well lost about
 of production soon after beginning.
 Well was drilled twice a day at

increase in production was noticed. Any
production over 140 gpm will cause present
pump set at 180 ft. to break suction.

Stratton Log:

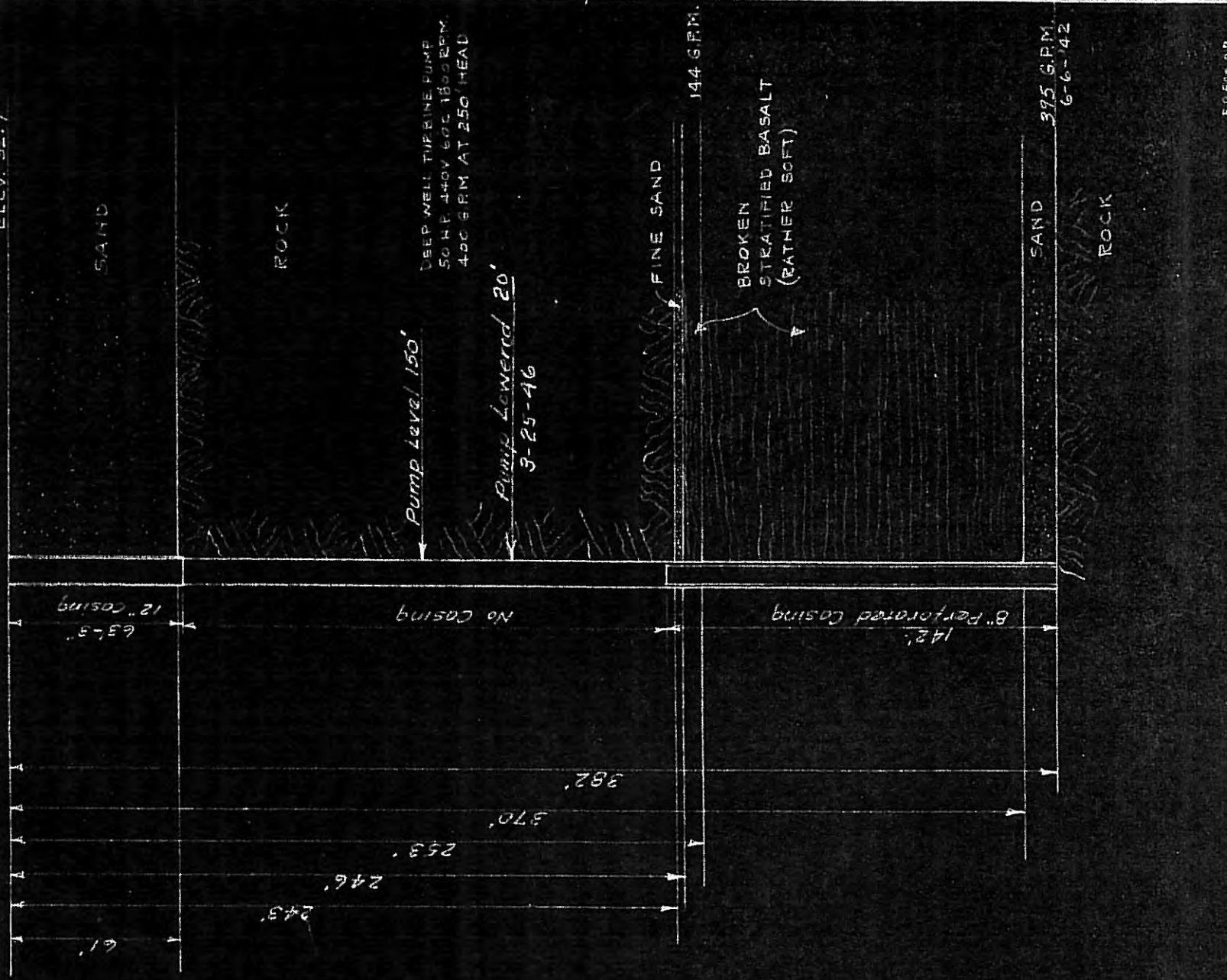
0-61 sand (12" casing to 63')
61-241 Rock (basalt?; not cased)
241-246 Sand and broken rock
246-258 Sand
253?-370 Basalt, broken, soft.
382' bottom of well

Mr Wright promised to send complete

log. R.Hg. 1 Apr. 1954.

PG&C Well Schematic – Supply Well Mult 802

ELEV. 32.7'



WORK ORDER NO.
EP 3594213

DRAWING NO.
SK-194B

FR 54-A7

PORTLAND GAS & COKE COMPANY
WELL AT COKE OVEN PLANT

DR. *WAG*

CHK. *EMC*

APP.

SCALE 1" = 50'

DATE 7-6-43