GILL....1.0.8

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.

RECEIVED
NOV 10 1970
STATE ENGINEER
SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON

(please type or print)

(do not write above this line)

State Well No. 2N/20-25c16

State Permit No.

Gillam

(1) OWNER:
Name CHEM NUCLEAR SERVICES, INC.
Address 1750 SW SKYLINE BLVD. PORTLAND, ORE.

(2) TYPE OF WORK (check):
New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary [X] Driven [ ]
Cable [X] Jetted [ ]
Dug [ ] Bored [ ]

(4) PROPOSED USE (check):
Domestic [ ] Industrial [X] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

CASING INSTALLED:
Threaded [ ] Welded [X]
12 " Diam. from C ft. to 200 ft. Gage STD.
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:
Perforated? [ ] Yes [X] 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.

(7) SCREENS:
Well screen installed? [ ] Yes [X] No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? [X] Yes [ ] No If yes, by whom? STRASSER
Yield: 300 gal./min. with 16 ft. drawdown after 4 hrs.
" " "
" " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water 67° Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used CEMENT GROUT
Well sealed from land surface to 25 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 20 sacks
Number of sacks of bentonite used in well seal sacks
Brand name of bentonite
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.
Was a drive shoe used? [X] Yes [ ] No Plugs Size: location ft.
Did any strata contain unusable water? [ ] Yes [X] No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? [ ] Yes [X] No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:
County CLACK. Driller's well number 5362
NW ¼ SE ¼ Section 25 T. 2N R. 20E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 520 ft.
Static level 426 ft. below land surface. Date 10/21/70
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:
Diameter of well below casing 8
Depth drilled 620 ft. Depth of completed well 620 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. *Report each change in position of Static Water Level and indicate principal water-bearing strata.*

MATERIAL	From	To	SWL
SEE ATTACHED SHEET			

Work started AUG 19 1970 Completed OCT 29 1970
Date well drilling machine moved off of well NOV 2 1970

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Don Johnson (Drilling Machine Operator) Date NOV 9, 1970
Drilling Machine Operator's License No. 56

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 R.J. STRASSER DRILLING CO (Person, firm or corporation) (Type or print)
Address 8110 SE SUNSET LANE PORTLAND ORE.
[Signed] Robert L. Strasser (Water Well Contractor)
Contractor's License No. 10 Date NOV 9, 1970

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119

PRospect 1-2355

R. J. Strasser Drilling Co.
8110 S. E. Sunset Lane
Portland, Oregon 97206

November 9, 1970

Log of Chem-Nuclear Well

top soil	0 - 2
gravel with some binder	2 - 56
white ash, some gravel	56 - 64
white ash	64 - 107
brown sand and ash	107 - 153
tuff inter bed	153 - 185
broken rock	185 - 195
black basalt,	195 - 210
black basalt, clay seams	210 - 227
hard black basalt	227 - 235
fractured black basalt	235 - 250
hard grey basalt	250 - 267
broken basalt, clay seams	267 - 280
fractured black basalt	280 - 294
porous black basalt	294 - 295
fractured black basalt	295 - 318
black and brown basalt, green clay seams	318 - 337
hard black basalt, green clay seams	337 - 342
hard black basalt	342 - 372
hard grey basalt	372 - 429
black porous basalt, green deposit	429 - 437
hard grey basalt	437 - 476
fractured grey and brown basalt	476 - 483
hard grey basalt	483 - 520
soft porous grey basalt	520 - 527
hard grey and black basalt, fractured	527 - 539
grey porous basalt, green deposit	539 - 565
porous and broken grey basalt	565 - 585
hard grey basalt, fractured	585 - 588
soft black porous basalt	588 - 597
hard grey basalt	597 - 609
soft black porous basalt	609 - 620