STATE ENGINEER 6032551 7MAP 3 1958 THE OF O	REGON Ap. 673 Fill In State Permit No. 5647
(1) OWNER: STATE FNGINFER	(10) WELL TESTS: DESERVATION WELL
Name Harvey Aluminum Company	Was a pump test made? T Yes No If yes, by whom? Driller
Address The Dalles, Oregon	Yield: 1000 gal./min. with 21 2th ft. draw down after 4 hrs
	" " "
(2) LOCATION OF WELL.	" " "
(2) LOCATION OF WELL:	Artesian flowg.p.m.
County , Wasco Owner's number, if any— #3A	Shut-in pressure
R. F. D. or Street No. 45,62248700, -121,20844200	Bailer test g.p.m. with ft. drawdown
Bearing and distance from section or subdivision corner	Temperature of water Was a chemical analysis made? ☑ Yes □ N
52 N & 1840' W. from the + 28/33 corn	Was electric log made of wells U Ver Chro
of Sect. 28 1 TWP 2N, Range 13E Seing wi	·U.(.
n the SWH of SWH of Sec. 28 TWP 2N Ran	and the second s
13E bearing N 70°04; W. Dist. 1952; (3) TYPE OF WORK (check):	Diameter of well,
New well Deepening Reconditioning Abandon	Total depth 319 ft. Depth of completed well 319
abandonment, describe material and procedure in Item 11.	Formation: Describe by color, character, size of material and structure, an show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation
(4) PROPOSED USE (check): (5) EQUIPMENT:	and the second s
(2, 22, 22, 22, 22, 22, 22, 22, 22, 22,	ft. to ft.
Domestic Industrial Municipal Rotary Cable C	_0 5 Rock Fill
Irrigation Test Well Other Dug Well	_ 5 " 15 " Fractured Rock
A) C1 C77C 77C7 17 - 77C7	15 " 17 " Broken Rock
(6) CASING INSTALLED: If gravel packed	17 23 Hard Grade Basalt
Threaded Welded Gage	23 " 33 " Blue Shale Interbed
FROM ft. to ft. Diam. Wall of Bore ft. ft.	_33 " 50 " Black Basalt with layers clay
" " " " "	50 " 63 " Hard Black Basalt
11 11 11 11 11 11	63" 92 " Hard grade Basalt
12 11 19 19 19 12	92 " 96 " Black Basalt
10 12 . 11 11 11 11 11	96" 98 " Black Basalt
30 10 10 10 10 10 10 10 10 10 10 10 10 10	98" 101 " Black Basalt with trace quartz
Type and size of shoe or well ring Size of gravel:	101 " 10h " Black Basalt
Describe joint	104" 117 " Black Basalt with Quartz
	117 " 128 " Hard Grade Basalt
7) PERFORATIONS:	128 " 172 " Hard & Soft Layers Black Basal
Type of perforator used	1/2 1/0 Broken Black Basalt
SIZE of perforations in., length, by in. FROM ft. to ft. perf per foot No. of rows	176" 180 " Hard grade Basalt
P B B B B B B B B B B B B B B B B B B B	180 " 182 " Black Rock
. 11 21 22 22 23 23 21 21	182 " 202 " Blue Clay
II	202 " 207 " Rock
21 21 21 21 11 11 11 11 11	207 " 229 " Black Basalt
	229 " 277 " Black Basalt with Hard & soft
SCREENS: Give Manufacturer's Name, Model No. and Size	277 318 Porous Black rock water bearing
	318 319 " Hard Grey Rock
a) CONCERNATION	
(8) CONSTRUCTION:	
Was a surface sanitary seal provided? Yes No To what depth ft.	"
Were any strata sealed against pollution? XI Yes No I yes, note depth of strata 2071	Ground elevation at well site
FROM ft. to ft.	Work started Aug. 1 1957. Completed Dec. 31 1957
" 0	Well Driller's Statement:
"Surface " 207 ^t "	This well was drilled under my jurisdiction and this report is
METHOD OF SEALING Cementing Casing	true to the pest of my knowledge and belief.
(9) WATER LEVELS:	NAME A. M. Jannsen Drilling Company
Depth at which water was first found 35! ft.	21075 S. W. Tualatin Valley Highway
Standing level before perforating 771 ft.	I Addrege
Standing level after perforating ft.	Driller's well number
Log Accepted by:	[Signed Street Ul VINAIL.]
[Signed] Harvey Aleumones 2-28, 158	(Well Driller)
[Signed] Vary alumnous 2-28, 158	License No. 79 Dated January 3
7	,
V	

255 3255

DEGETVED JUL 3 1 1957 D STATE ENGINEER SALEM, CREGON

March 15, 1957

GEOLOGIC LOG OF #1 WELL HARVEY ALUMINUM - THE DALLES, OREGON REPORT NO. 4

242 ft. to 250 ft.	Hard gray rock
250 ft. to 255 ft.	Hard gray rock
255 ft. to 260 ft.	Hard gray rock
260 ft. to 262 ft.	Hard gray rock
262 ft. to 265 ft.	Hard gray rock
265 ft. to 268 ft.	Hard gray rock
268 ft. to 271 ft.	Hard gray rock
271 ft. to 274 ft.	Hard gray rock
274 ft. to 277 ft.	Hard gray rock
277 ft. to 279 ft.	Hard gray rock
279 ft. to 281 ft.	Hard gray rock
281 ft. to 284 ft.	Hard gray rock
284 ft. to 286 ft.	Hard gray rock
286 ft. to 288 ft.	Porous Blackrock (water bearing)
288 ft. to 294 ft.	Porous Blackrook (water bearing)
294 ft. to 296 ft.	Harder, but still water - brown color
296 ft. to 306 ft.	Porous Blackrock (water bearing very good)
306 ft. to 310 ft.	Rough black rock

R. J. STRASSER DRILLING CO.



DECEIVED
JUL 3 1 1957
STATE ENGINEER
SALEM, OREGON

February 1, 1957

GEOLOGIC LOG OF # 1 WELL HARVEY ALUMINUM - THE DALLES, OREGON REPORT NO. 4

166 ft. to 181 ft. Medium hard rough black rock

181 ft. to 189 ft. Hard gray rock

189 ft. to 205 ft. Blue shale

205 ft. to 212 ft. Conglomerate

212 ft. to 229 ft. Medium hard brown rock

229 ft. to 212 ft. Hard gray rock

R. J. STRUSSER DRILLING CO.

WELL NO. 1

HARVEY ALUMINUM

THE DALLES, OREGON

(Continuing Log)

STATE ENGINEER SALEM, OREGON

January 25, 1957

1321	to 146'	Very hard gray rock
1461	to 1521	Medium hard rough black rock
1521	to 155'	Hard gray rock
1551	to 1661	Medium hard rough black rook

GEOLOGIC LOG OF #1 WELL HARVEY ALUMINUM - THE DALLES, ORROCK STATE ENGINEER SALEM, CREGON

REPORT NO. 2

Very hard gray rock 891 to 951

Hard gray rock, but coarse in texture 95' to 104'

Drilled faster

Very hard gray rock - very fine cuttings 10lr' to 108'

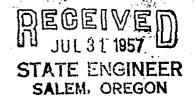
Hard gray rock. Same formation as the 108' to 129'

104 to 108 strata

Very hard gray rock 1291 to 1321

Samples up to date.

Sh Ch



GEOLOGIC LOG OF #1 WELL

HARVEY ALUMINUM - THE DALLES, OREGON

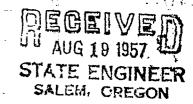
43*	to	89 t	Very hard gray rock (similarutaussai):
36*	to	39t	Layer of decomposed formation (similar to coal)
27t	to	36 †	Mixture of colors Hard gray-black and white rock
21,	to	271	Hard gray rock
19:	to	21.4	Broken formation
114	to	19*	Hard gray rock
44	to	11¢	Hard sloping rock ledge
Oz	to	4 *	Surface

January 8, 1959

R. J. Strasser Drilling Co.

```
Conglomerate
205° to 212°
               Medium hard brown rock
212' to 229'
               Hard gray rock
229° to 242°
242° to 250°
               Hard gray rock
250° to 255°
               Hard gray rock
2551 to 2601
               Hard gray rock
260° to 262°
               Hard gray rock
2621 to 2651
               Hard gray rock
2651 to 2681
               Hard gray rock
268' to 271'
               Hard gray rock
271 to 264
               Hard gray rock
274* to 277*
               Hard gray rock
277° to 279°
               Hard gray rock
279' to 281'
               Hard gray rock
281' to 284'
               Hard gray rock
2841 to 2861
               Hard gray rock
2861 to 2881
                Porous Blackrock (water bearing)
                Porous Blackrock (water bearing)
288° to 294°
2941 to 2961
                Harder, but still water-brown color
2961 to 3061
                Porous Blackrock (water bearing very good)
306' to 310'
                Rough black rock
```

A A A



GEOLOGIC LOG OF #1 WELL HARVEY ALUMINUM - THE DALLES, OREGON

0 to 4	Surface
4 to 11 to	Hard sloping rock ledge
11' to 19'	Hard gray rock
19' to 21'	Broken formation
21' to 27'	Hard gray rock
271 to 361	Mixture of colors Hard gray-black and white rock
36' to 39'	Layer of decomposed formation (similar to coal)
431 to 891	Very hard gray rock
89 to 95	Very hard gray rock
95° to 104°	Hard gray rock, but coarse in texture Drilled faster
104' to 108'	Very hard gray rock - very fine cuttings
108' to 129'	Hard gray rock. Same formation as the 104 to 108 strata
129' to 132'	Very hard gray rock
132' to 146'	Very hard gray rock
146° to 152°	Medium hard rough black rock
152' to 155'	Hard gray rock
155' to 166'	Medium hard rough black rock
166° to 181°	Medium hard rough black rock
181' to 189'	Hard gray rock
1891 to 2051	Blue shale