

(1) OWNER: STATE ENGINEER Name: Harvey Aluminum Company Address: The Dallas, Oregon

(2) LOCATION OF WELL: County: Wasco Owner's number, if any: #3A R. F. D. or Street No.: 45.62248700, -121.20844200

Bearing and distance from section or subdivision corner: 652 N. & 1840' W. from the E 28/33 corner of Sect. 28, TWP 2N, Range 13E being with in the SW 1/4 of SW 1/4 of Sec. 28 TWP 2N, Range 13E bearing N 70° 04' W. Dist. 1952'

(3) TYPE OF WORK (check): New well [x] Deepening [ ] Reconditioning [ ] Abandon [ ] abandonment, describe material and procedure in Item 11.

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

(5) EQUIPMENT: Rotary [ ] Cable [x] Dug Well [ ]

(6) CASING INSTALLED: Threaded [ ] Welded [x] Table with columns: FROM, ft. to, ft., Diam., Gage or Wall

If gravel packed Table with columns: Diameter of Bore, from ft., to ft.

Type and size of shoe or well ring Describe joint

(7) PERFORATIONS: Type of perforator used Table with columns: SIZE of perforations, in., length, by, in.

SCREENS: Give Manufacturer's Name, Model No. and Size

(8) CONSTRUCTION: Was a surface sanitary seal provided? [ ] Yes [x] No To what depth ft. Were any strata sealed against pollution? [x] Yes [ ] No If yes, note depth of strata 207'

(9) WATER LEVELS: Depth at which water was first found 35' Standing level before perforating 77' Standing level after perforating

Log Accepted by: [Signed] Harvey Aluminum Co. Dated 2-28-58 by Claude C. Cook

(10) WELL TESTS: OBSERVATION WELL Was a pump test made? [x] Yes [ ] No If yes, by whom? Driller Yield: 1000 gal./min. with 2' 2" ft. draw down after 4 hrs.

(11) WELL LOG: Diameter of well, 10 inches. Total depth 319 ft. Depth of completed well 319 ft.

Formation: Describe by color, character, size of material and structure, and 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. Table with columns: ft. to, ft., description.

Ground elevation at well site 122.80 feet above mean sea level. Work started Aug. 1 1957. Completed Dec. 31 1957

Well Driller's Statement: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME A. M. Jannsen Drilling Company (Person, firm, or corporation) (Typed or printed) Address 21075 S. W. Tualatin Valley Highway Aloha, Oregon Driller's well number

[Signed] Edward M. Jannsen (Well Driller) License No. 79 Dated January 3

255  
WASC 3255

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JUL 31 1957

STATE ENGINEER  
SALEM, OREGON

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 Blackrock (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*  
R. J. STRASSER DRILLING CO.

255  
WASC  
3755

RECEIVED  
JUL 31 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 242 ft.	Hard gray rock

O. J. Norris  
R. J. STRASSER DRILLING CO.

255  
WASC  
3855

REPORT NO. 3 -- GEOLOGICAL LOG

WELL NO. 1

HARVEY ALUMINUM

THE DAILES, OREGON

(Continuing Log)

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STATE ENGINEER  
SALEM, OREGON

January 25, 1957

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

O. J. Norris  
R. J. Strasser Drilling Co.

255  
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3755

January <sup>18</sup> 21, 1957

GEOLOGIC LOG OF #1 WELL  
HARVEY ALUMINUM - THE DALLES, OREGON  
REPORT NO. 2

RECEIVED  
JUL 31 1957  
STATE ENGINEER  
SALEM, OREGON

- 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

Samples up to date.

O. J. Norris  
R. J. Strasser Drilling Co.

355  
WASC  
3255

GR 145  
411  
378

RECEIVED  
JUL 31 1957  
STATE ENGINEER  
SALEM, OREGON

January 8, 1959

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

0' to 4'	Surface
4' to 11'	Hard sloping rock ledge
11' to 19'	Hard gray rock
19' to 21'	Broken formation
21' to 27'	Hard gray rock
27' to 36'	Mixture of colors Hard gray-black and white rock
36' to 39'	Layer of decomposed formation (similar to coal)
43' to 89'	Very hard gray rock <del>(similar to coal)</del>

O. J. Norris  
R. J. Strasser Drilling Co.

253  
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3255

205' to 212'	Conglomerate
212' to 229'	Medium hard brown rock
229' to 242'	Hard gray rock
242' to 250'	Hard gray rock
250' to 255'	Hard gray rock
255' to 260'	Hard gray rock
260' to 262'	Hard gray rock
262' to 265'	Hard gray rock
265' to 268'	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
284' to 286'	Hard gray rock
286' to 288'	Porous Blackrock (water bearing)
288' to 294'	Porous Blackrock (water bearing)
294' to 296'	Harder, but still water-brown color
296' to 306'	Porous Blackrock (water bearing very good)
306' to 310'	Rough black rock

255  
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RECEIVED  
AUG 19 1957  
STATE ENGINEER  
SALEM, OREGON

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

0' to 4'	Surface
4' to 11'	Hard sloping rock ledge
11' to 19'	Hard gray rock
19' to 21'	Broken formation
21' to 27'	Hard gray rock
27' to 36'	Mixture of colors Hard gray-black and white rock
36' to 39'	Layer of decomposed formation (similar to coal)
43' to 89'	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
189' to 205'	Blue shale