
EXHIBIT 6
WELL LOGS FOR PW-2 AND BERKLAND WELL

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date
of well completion.

(Do not write above this line)

State Well No.

State Permit No.

MAY 24 1978

Name John Wilkenson
Address 27469 Fern Ridge Rd.
Sweet Home Ore.

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

Rotary	<input checked="" type="checkbox"/>	Driven	<input type="checkbox"/>	Domestic	<input checked="" type="checkbox"/>	Industrial	<input type="checkbox"/>	Municipal	<input type="checkbox"/>
Cable	<input type="checkbox"/>	Jettied	<input type="checkbox"/>	Irrigation	<input type="checkbox"/>	Test Well	<input type="checkbox"/>	Other	<input type="checkbox"/>
Dug	<input type="checkbox"/>	Bored	<input type="checkbox"/>						

6" Diam. from 0 ft. to 20 ft. Gage 1250
 " Diam. from _____ ft. to _____ ft. Gage _____
 " Diam. from _____ ft. to _____ ft. Gage _____

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.

Manufacturer's Name _____

Type _____ Model No. _____

Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

Drawdown is amount water level is lowered below static level

Was a pump test made? ☐ Yes ☒ No If yes, by whom?

Yield:	gal./min. with	ft. drawdown after	hrs.
100	100	100	100
200	200	200	200
300	300	300	300
400	400	400	400
500	500	500	500
600	600	600	600
700	700	700	700
800	800	800	800
900	900	900	900
1000	1000	1000	1000

.....

"Tested w/Air 15 gpm" "

Bailer test gal./min. with 189 ft. drawdown after 1 hrs.

Artesian flow	g.p.m.
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
24	100
25	100
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81	100
82	100
83	100
84	100
85	100
86	100
87	100
88	100
89	100
90	100
91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

Temperature of water Depth artesian flow encountered ft.

Well seal—Material used Cement
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 10 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 12 sacks
How was cement grout placed? poured

Was a drive shoe used? ☒ Yes ☐ No Plugs Size: location ft.

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☐ Yes, ☒ No Size of gravel: _____

Gravel placed from ft. to ft.

County DeWitt Driller's well number

1/4 1/4 Section 24 T. 105 R. 5W W

Bearing and distance from section or subdivision corner

Depth at which water was first found 196

Static level 31 ft. below land surface. Date 5/17

Artesian pressure _____ lbs. per square inch. Date _____

Diameter of well below casing 6"

Depth drilled , ft. Depth of completed well

Formation: Describe color, texture, grain size and structure of material 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 stratum.

[illegible]

Work started 4/27/78 1978 Completed 5/1/78 1978

Date well drilling machine moved off of well 5/1/78 19

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to best knowledge and belief.

[Signed] Claude J. By Date 5/8, 1958
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1133

Water Well Contractor's Certification:

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

Name Bert Jones
(Person, firm or corporation) (Type or print)

Address 29400 Santram Juvu kharano

[Signed] Bert Jones
(Water Well Contractor).

Contractor's License No. 574 Date 5/8/78 19

LOG OF EXPLORATORY BORING

PROJECT NAME COFFIN BUTTE LANDFILL
LOCATION Benton County, Oregon
DRILLED BY Staco Well Services
DRILL METHOD Air rotary
LOGGED BY Craig D. Fanshier

BORING NO. PW-2
PAGE 1 OF 5
REFERENCE ELEV. 248.90'
TOTAL DEPTH 199.00'
DATE COMPLETED 7/30/92

RECOVERY PERCENT	POCKET PENETRO-METER (TSF)	BLOW COUNTS (N COMP)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	WELL DETAILS	LITHO-LOGIC COLUMN	LITHOLOGIC DESCRIPTION
				5				0-6 feet: SILTY CLAY (CL), brown, hard, dry. (ALLUVIUM)
				10				6-8 feet: GRAVELLY CLAY (CL), brown, 60-80% clay, soft, 20-40% gravel (medium grain gray basalt), dry.
				15				8-14 feet: SILTY CLAY (CL), light brown, low plasticity, damp.
				20				14-43 feet: GRAVELLY CLAY (CL), light brown to light yellowish brown clay, low plasticity, 20-30% gravels (1/8-1/2").
				25				
				30				
				35				
				40				
				45				43-89 feet: BASALT, brown to gray, 5% green, 5% purple tint, fine to medium grained, moderately weathered.
				50				

REMARKS

Boring drilled with air rotary using a 10-inch downhole hammer to 94 feet bgs and with a 6-inch downhole hammer from 94 to 199 feet bgs.



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				55				43-89 feet: BASALT, brown to gray, 5% green, 5% purple tint, fine to medium grained, moderately weathered.
								@ 52-57 feet: No green or purple tint.
				60				@ 57 feet: Easier drilling, trace quartz and plagioclase.
				65				@ 65 feet: Traces of quartz or plagioclase.
				70				@ 71-72 feet: Easier drilling.
				75				
				80				
				85				@ 85 feet: Harder drilling.
				90				89-199 feet: BASALT, 60% greenish gray, 40% purple tint, fine to medium grained. Fresh basalt.
				95				@ 95 feet: Borehole produces approximately 10 gpm water by air lifting through the drill pipe using the drilling air compressor.
				100				

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 DRILLED BY **Staco Well Services**
 DRILL METHOD **Air rotary**
 LOGGED BY **Craig D. Fanshier**

BORING NO. **PW-2**
 PAGE **3 OF 5**
 REFERENCE ELEV. **248.90'**
 TOTAL DEPTH **199.00'**
 DATE COMPLETED **7/30/92**

RECOVERY PERCENT	POCKET PENETRO- METER (TSF)	BLOW COUNTS (N COMP)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	WELL DETAILS	LITHO- LOGIC COLUMN	LITHOLOGIC DESCRIPTION
				105				89-199 feet: BASALT, 60% greenish gray, 40% purple tint, fine to medium grained. Fresh basalt.
				110				
				115				
				120				
				125				
				130				
				135				
				140				
				145				
				150				

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				155				89-199 feet: BASALT, 60% greenish gray, 40% purple tint, fine to medium grained. Fresh basalt.
				160				
				165				
				170				
				175				
				180				
				185				
				190				
				195				
				200				

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				205				Total depth drilled 199 feet below ground surface. Total depth sampled 199 feet below ground surface.
				210				WELL COMPLETION DETAILS: 0-94 feet: Bentonite grout slurry surface seal. +1.37-94 feet: 6-inch dia., 0.250-inch steel surface casing. 94-199 feet: Open borehole. 1.3-199 feet: 4.5-inch Class 160 PVC liner. 149-199 feet: 0.5-inch drilled perforation, 4 per foot (around circumference). End cap: PVC slip cap.
				215				BOREHOLE DIMENSIONS: 0-94 feet: 10-inch. 94-199 feet: 6-inch.
				220				
				225				
				230				
				235				
				240				
				245				
				250				

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