

STATE OF OREGON  
**WATER WELL REPORT**  
 (as required by ORS 537.765)

**RECEIVED** MAR 11 4/18/85

SEP 25 1985

PLEASE TYPE or PRINT IN INK

69/2W-18 dd

**WATER RESOURCES DEPT**

(for official use only)

**(1) OWNER:** SALEM, OREGON  
 Name Kiewit Industrial Co. #2  
 Address 4850 Brooklake Rd, NE  
 City Salem, Or. 97305 State \_\_\_\_\_

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

**(3) TYPE OF WELL:** Rotary Air  Driven  Rotary Mud  Dug  Bored   
**(4) PROPOSED USE (check):** Domestic  Industrial  Municipal  Thermal: Irrigation  Withdrawal  Reinjection  Other: Piezometric  Grounding  Test

**(5) CASING INSTALLED:** Steel Threaded  Plastic Welded   
 12" Diam. from +1 1/2 ft. to 222.4 ft. Gauge 322  
 " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**LINER INSTALLED:** Steel Threaded  Plastic Welded   
 none  
 " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**(6) PERFORATIONS:** Perforated?  Yes  No  
 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  No  
 Manufacturer's Name Cook  
 Type Stainless Model No. 304  
 Diam. 12" tele Slot Size 25 Set from 232 ft. to 242 ft.  
 Diam. 12" tele Slot Size 100 Set from 242 ft. to 292 ft.

**(8) WELL TESTS:** Drawdown is amount water level is lowered below static level  
 Was a pump test made?  Yes  No If yes, by whom? Driller-A&H  
600 gal./min. with 71.5 ft. drawdown after 24 hrs.  
 Air test NA gal./min. with drill stem at \_\_\_\_\_ ft. \_\_\_\_\_ hrs.  
 Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Artesian flow \_\_\_\_\_ g.p.m.  
 Temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:** Special standards: Yes  No   
 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.  
 Amount of sealing material 18 sacks  pounds   
 How was cement grout placed? Pressure pumped  
 Was pump installed?  No  Yes Type HP Depth \_\_\_\_\_ ft.  
 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.

**(10) LOCATION OF WELL by legal description:**  
 County Marion SE 1/4 SE 1/4 of Section 18 of  
 Township 6S Range 2W WM.  
 (Township is North or South) (Range is East or West)  
 Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 MAILING ADDRESS OF WELL (or nearest address) Solid Waste to Energy Facility @ Brooks, Or. 4850 Brooklake Rd. NE

**(11) WATER LEVEL of COMPLETED WELL:**  
 Depth at which water was first found 60 ft.  
 Static level 56.5 ft. below land surface. Date 9-14-85  
 Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:** Diameter of well below casing 12  
 Depth drilled 305 ft. Depth of completed well 305 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
Soil med brown	0	1	
Clay silty brown	1	36	
Clay gray, silty strks	36	58	
Sand dirty gray	58	84	
Conglomerate med brown	84	143	
Sand med fine gray	143	148	
Clay-sand, some gravel med-fine gray	148	186	
Clay&gravel med gray	186	194	
Clay med gray	194	208	
Conglomerate gray&brown cemented fine	208	216	
Conglomerate gray&brown	216	225	
Conglomerate semi cement ed strks gray-brown	225	266	
Conglomerate loose brn	266	295	
Clay med gray	295	306	

Date work started 8-1-85 /completed 9-14-85 test-pm  
 Date well drilling machine moved off of well 9-12-85 19

**(unbonded) Water Well Constructor Certification (if applicable):**  
 This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] \_\_\_\_\_ Date \_\_\_\_\_, 19 \_\_\_\_\_

**(bonded) Water Well Constructor Certification:**  
 Bond \_\_\_\_\_ Issued by: \_\_\_\_\_ (Surety Company Name)  
 On behalf of Staco Well Services-Chuck Stadel (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
 (Signed) Chuck Stadel (Water Well Constructor)  
 (Dated) 9-23-85

NOTICE TO WATER WELL CONSTRUCTOR  
 The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,  
 SALEM, OREGON 97310  
 within 30 days from the date of well completion. SP\*46868-690