

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

RECEIVED

SEP 25 1985

MAR 1... 4/1/79

65/2W-18dd

WATER RESOURCES DEPT PLEASE TYPE or PRINT IN INK

(for official use only)

(1) OWNER: SALEM, OREGON
 Name Ogden-Martin # 1
 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
 Irrigation Thermal: Withdrawal ReInjection
 Other: Piezometric Grounding Test

(5) CASING INSTALLED: Steel Plastic
 Threaded Welded
12" Diam. from +1 1/2 ft. to 222 ft. Gauge .312
 " Diam. from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED: Steel Plastic
 Threaded Welded
 " 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 wire 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 107.65 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 92 sacks pounds
 How was cement grout placed? pressure grouted from bottom of ann. to surface
 Was pump installed? no 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 61 ft.
 Static level 56 ft. below land surface. Date _____
 Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 12"
 Depth drilled 306 ft. Depth of completed well 306 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 med brown silty	2	39	
Clay sticky gray	39	61	
Sand med black	61	68	
Sand med blk-pea gravel	68	94	
Conglomerate med to course brown & gray	94	102	
Clay med brown	102	104	
Conglomerate course gray	104	113	
Conglomerate med brn loose some binder	113	123	
Conglomerate cemented			
Brown & gray	123	127	
Conglomerate med brown gray semi loose	127	132	
Clay sandy gray	132	149	
Conglomerate course gray	149	167	
Clay sticky gray	167	172	
Claystn crumbly gray	172	176	
Conglomerate course gray	176	184	

Date work started 7-16-85 /completed 9-6-85 test-pm
 Date well drilling machine moved off of well 9-4-85 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 Service-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*46866-690

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

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WATER RESOURCES DEPT
SALEM, OREGON

(1) OWNER:

Name Ogden-Martin
 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: (4) PROPOSED USE (check):

Rotary Air Driven Domestic Industrial Municipal
 Thermal: _____
 Rotary Mud Dug Irrigation Withdrawal Reinjection
 Other: _____
 Bored Piezometric Grounding Test

(5) CASING INSTALLED: Steel Plastic
 Threaded Welded

_____ " Diam. from _____ ft. to _____ ft. Gauge _____
 _____ " Diam. from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED: Steel Plastic
 Threaded Welded

_____ " 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 _____
 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? Yes No If yes, by whom? _____
 _____ d: _____ gal./min. with _____ ft. drawdown after _____ hrs.

 Air test _____ 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 _____
 Well sealed from land surface to _____ ft.
 Diameter of well bore to bottom of seal _____ in.
 Diameter of well bore below seal _____ in.
 Amount of sealing material _____ sacks pounds
 How was cement grout placed? _____

 Was pump installed? _____ 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 _____ of Section _____ of
 Township _____ Range _____ WM.
 (Township is North or South) (Range is East or West)
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 MAILING ADDRESS OF WELL (or nearest address) _____

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found _____ ft.
 Static level _____ ft. below land surface. Date _____
 Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing _____
 Depth drilled _____ ft. Depth of completed well _____ 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
Clay med gray	184	197	
Conglomerate med brown & gray	197	204	
Conglomerate med loose	204	214	
Conglomerate cemented brn	214	221	
Conglomerate med gray-brn	221	232	
Conglomerate large gray	232	237	
Conglomerate med brn-gray	237	242	
Conglomerate semi cemented brn&gray	242	271	
Conglomerate med-fine brown	271	297	
Clay med gray	297	300	
Clay med soft gray	300	306	

Date work started _____ /completed _____
 Date well drilling machine moved off of well _____ 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 _____ (number) Issued by: _____ (Surety Company Name)

On behalf of _____ (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) _____ (Water Well Constructor)

(Dated) _____

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*46866-690

Ogden -
Martin

A & H Pump Service

6975 N.E. 33rd
Redmond, Oregon 97756

JACK ABBAS — (503) 548-6887

Well # 1 6520-18

SEP 25 1985

ENVIRONMENTAL RESOURCES DEPT
SALEM, OREGON

WELL TEST DATA SHEET

Tested by [Signature] Static W/L 54' 4" Date 9/5/85
 Owners Name SOLID WASTE FACILITY Well Location BROOKS ONE EAST
 Drillers Name STACO - Steve Stadel Diameter of Well 12"
 Casing Size 12" Bottom of Well 305
 Diameter of Bowls 12" Diameter of Column 8"
 Test Pump Set @ 200' (1) Air Line _____ Ft.
 Flow Meter Used (2) Electric Probe X
 Flow Tube Used 8" pipe Orifice Dia. 5 (3) Sonic Sounder _____

TIME		TO WATER	HEAD	FLOW	ENGINE	REMARKS
Hr	Min	Depth Ft	Inches	G.P.M.	R.P.M.	
8:	20		9.5	307		STARTED Pumping
8:	23	102' 7"	9.0	298		
8:	30	105	10			
8:	35	102' 2"	11	330		
9:	00	105' 2"	11	330		
9:	15	105' 1"	11	330		
9:	20	105' 1"	11	330		
9:	45	106' 6"	11	330		
10:	00	108'	11	330		
10:	15	108' 6"	11	330		
10:	20	109	11	330		
10:	45	108	11	120		
11:	00	107	11	330		
11:	15	105' 8"	11	330		
11:	30	106	11	330		
12:	00	106' 2"	11	330		SAMPLE TAKEN #1
12:	20	106' 2"	11	330		
12:	25	117	16"	402		Increased Speed
12:	45	118' 6"	16"	402		
1:	00	119' 6"	16	402		
1:	15	119' 6"	16	402		
1:	30	119' 6"	16	402		
1:	45	119' 6"	16	402		
2:	00	120'	16	402		SAMPLE TAKEN #2
2:	15	121' 6"	16	402		
2:	30	122'	16	402		
2:	45	122' 2"	16	402		
3:	00	122' 5"	16	402		
3:	15	122' 6"	16	402		
3:	30	122' 8"	16	402		
3:	45	122' 11"	16	402		
4:	00	123'	16	402		
4:	15	123' 1"	16	402		
4:	30	133'	25	500		Increased Speed
4:	45	134'	25	"		
5:	00	138	25	"		SAMPLE TAKEN #3
5:	15	137	25	"		
5:	30	139' 6"	25	11		