

Linn  
9

AUG 26 1996

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

WATER RESOURCES DEPT. (START CARD) # 15741

Instructions for completing this report are on the last page of this form SALEM, OREGON

(1) OWNER: Well Number 6  
Name Oregon Metallurgical Corp.  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

(2) TYPE OF WORK  
 New Well  Deepening  Alteration (repair/recondition)  Abandonment

(3) DRILL METHOD:  
 Rotary Air  Rotary Mud  Cable  Auger  
 Other \_\_\_\_\_

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Livestock  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of Completed Well 210'  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
16"	0	20'	cement	0	20'	15sacks
12"	20	210'				

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

Casing:	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
	12"	+16"	178'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			08"		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(7) PERFORATIONS/SCREENS:

Perforations Method Acetylene torch  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
165'	176'	3/8"	100	12"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
05"	08"	x12"				<input type="checkbox"/>	<input type="checkbox"/>
119'	124'					<input type="checkbox"/>	<input type="checkbox"/>
89'	99'					<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing
Yield gal/min	Drawdown	Drill stem at	Artesian
145 gpm	65'		1 hr.
160 gpm	65'		
195 gpm	85'		

Temperature of water \_\_\_\_\_ Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done?  Yes By whom \_\_\_\_\_  
Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
County Linn Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 11 S N or S Range 3 W E or W. WM.  
Section 18 SE 1/4 SW 1/4  
Tax Lot 300 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) 530 W 34 St - Albany

(10) STATIC WATER LEVEL:  
34 ft. below land surface. Date 4-10-90  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
Depth at which water was first found 26'

From	To	Estimated Flow Rate	SWL
26'	31'	10 gpm	8'
58'	60'	30 gpm	12'
110'	115'	70 gpm	15'
172'	175'	425 gpm	34'

(12) WELL LOG:  
Ground Elevation \_\_\_\_\_

Material	From	To	SWL
Top soil	0	3	
Brown clay	3	5	
Medium brown firm clay	5	20	
Packed blue clay&gravel	20	26	
Brown clay & gravel	26	31	8'
Brown clay	31	32	
Dark gray clay	32	35	
Gray clay & gravel	35	49	
Brown clay & gravel	49	55	
Dark gray clay&gravel	55	58	
Dirty black sand&gravel	58	60	12
Dark gray clay	60	63	
Dark gray sandy clay	63	68	
Dirty black sand&gravel	68	77	
Dark gray clay	77	85	
Dark gray sandy clay	85	90	
Dark brown clay	90	95	
Firm dark gray clay	95	110	
Dirty black sand&gravel	110	115	15
Sandy blue clay&gravel	115	137	

Date started 3-22-90 Completed 4-10-90

(unbonded) Water Well Constructor Certification:  
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number \_\_\_\_\_  
Signed \_\_\_\_\_ Date \_\_\_\_\_

(bonded) Water Well Constructor Certification:  
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1378  
Signed [Signature] Date 4-13-90

# Linn 9 cont.

## Well Test cont.

Yield gal/min drawdown

243 gpm	102'
250 gpm	105'
270 gpm	115'
300 gpm	125'
310 gpm	131'
330 gpm	135'
360 gpm	141'
425 gpm	170'

Pumped for 6 hours

## Well log cont.

Material From To

Dark gray clay&gravel	137	141	
Dark gray sandy clay	141	145	
Firm dark gray clay	145	154	
Medium blue clay	154	159	
Dark gray clay	159	163	
Dark gray silty clay	163	166	
Brown clay	166	172	
Black sand&pea gravel	172	175	
Gray brown clay	175	178	
Dark brown clay	178	188	
Black sand	188	190	
Brown clay	190	195	
Dark gray clay	195	210	

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APR 23 1990

STATE OF OREGON  
WATER WELL REPORT  
(as required by ORS 637.765)

WATER RESOURCES DEPT.  
SALEM, OREGON

Linn 009 115/3w/18cd  
(START CARD) # 15741

(1) OWNER: Well Number: \_\_\_\_\_  
Name Oregon Metallurgical Corp.  
Address P.O. Box 580  
City Albany State OR Zip 97321

(2) TYPE OF WORK:  
 New Well  Deepen  Recondition  Abandon

(3) DRILL METHOD  
 Rotary Air  Rotary Mud  Cable  
 Other

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Other

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval Yes No Depth of Completed Well 210 ft.  
Explosives used   Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	
16"	0 20'	cement	0 20'	15 sacks
12"	210'			

How was seal placed: Method  A  B  C  D  E  
Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

Casing/Liner	Diameter	From	To	Gauge	Steel		Plastic		Welded		Threaded	
					Yes	No	Yes	No	Yes	No	Yes	No
Casing	12"	+16"	178'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			08"		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 178'08"

(7) PERFORATIONS/SCREENS:

Perforations Method Acetylene torch  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tel./pipe size	Casing	Liner
165'	176'	3/8	100	12"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
05"	08"	x12"				<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump  Bailer  Air  Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
425 gpm	136		6 hr.

Temperature of water \_\_\_\_\_ Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done?  Yes By whom \_\_\_\_\_  
Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
County Linn Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 11 S Nor S, Range 3 W E or W, WM.  
Section 18 C SE 1/4 SW 1/4  
Tax Lot 300 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) 530 W. 34th, Albany

(10) STATIC WATER LEVEL:  
34' ft. below land surface. Date 4-10-90  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found ~~30~~ 26'

From	To	Estimated Flow Rate	SWL
<del>30</del> 26'	31'	10 gpm	8'
58'	60'	30 gpm	12'
110'	115'	70 gpm	15'
172'	175'	425 gpm	34'

(12) WELL LOG: Ground elevation \_\_\_\_\_

Material	From	To	SWL
Top soil	0	3	
Brown clay	3	5	
Med. Brown clay firm	5	20	
Packed blue clay & gravel	20	26	
Brown clay & gravel	26	31	8'
Brown clay	31	32	
Dark gray clay	32	35	
Gray clay & gravel	35	49	
Brown clay & gravel	49	55	
Dark gray clay & gravel	55	58	
Dirty black sand & gravel	58	60	12'
Dark gray clay	60	63	
Dark gray sandy clay	63	68	
Dirty black sand & gravel	68	77	
Dark gray clay	77	85	
Dark gray sandy clay	85	90	
Dark brown clay	90	95	
Firm dark gray clay	95	110	
Dirty black sand & gravel & wood	110	115	15'
Sandy blue clay & gravel	115	137	
Dark gray clay & gravel	137	141	
Dark gray sandy clay	141	145	

Date started 3-22-90 Completed 4-10-90

(unbonded) Water Well Constructor Certification:  
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.  
WWC Number \_\_\_\_\_  
Signed \_\_\_\_\_ Date \_\_\_\_\_

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WWC Number 1378  
Signed \_\_\_\_\_ Date 4-13-90

Firm dark gray clay	145	154
Med. blue clay	154	159
Dark gray clay	159	163
Dark gray silty clay	163	166
Brown clay	166	172
Black sand & pea gravel	172	175
Gray brown clay	175	178
Dark brown clay	178	188
Black sand	188	190
Brown clay	190	195
Dark gray clay	195	210

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