

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

Linn 7404

REVISED COPY

(START CARD) #

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number 3  
Name Oregon Metallurgical  
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 205 ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
16"	0	18'	cement	0	18'	8sacks
12"	18'	205'				

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:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 12"	+15"	190'	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		09"		<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"/>

Final location of shoe(s) 190' 09"

(7) PERFORATIONS/SCREENS:

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

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
176'	189'	1/2"	75	12"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
09"	09"	x12"				<input type="checkbox"/>	<input type="checkbox"/>
140	132					<input type="checkbox"/>	<input type="checkbox"/>
121	113					<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
260 gpm	50'		1 hr.
240	103'		2hr
450	125'		3hr

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 19 1/4 \_\_\_\_\_ 1/4 \_\_\_\_\_  
Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) \_\_\_\_\_

(10) STATIC WATER LEVEL:  
39 ft. below land surface. Date 10-6-80  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found \_\_\_\_\_

From	To	Estimated Flow Rate	SWL
<b>RECEIVED</b>			
AUG 26 1996			
WATER RESOURCES DEPT. SALEM, OREGON			

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

Material	From	To	SWL
Gravel fill	0	3	
Brown clay	3	10	
Blue clay	10	16	
Brown clay & gravel	16	25	
Brown clay	25	29	
Dirty brown sand&gravel	29	40	
Blue clay & gravel	40	43	
Brown clay-some gravel	43	49	
Black clay	49	58	
Black sandy clay&gravel	58	73	
Black clay	73	77	
Black sand & gravel	77	81	
Black clay	81	86	
Blue clay	86	90	
Dark gray clay	90	96	
Dark brown clay	96	100	
Gray clay	100	112	
Black sand & gravel	112	117	
Sandy gray clay&gravel	117	122	
Gray clay	122	126	

Date started 9-16-80 Completed 10-6-80

(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 436  
Signed Merle Warren Date 10-10-80

(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 182  
Signed Merle Warren Date 10-10-80

Lunn 7404 cont.

<u>Material</u>	<u>From</u>	<u>To</u>
Gray clay & large gravel	126	130
Black sand & wood	130	134
Black sand & gravel	134	138
Blue clay & gravel	138	143
Black sand & gravel	143	146
Gray clay	146	154
Packed black sand	154	161
Dark brown clay	161	163
Dark gray clay	163	166
Blue clay	166	171
Packed dark gray sand	171	178
Dark gray clay	178	180
Black sand&small gravel	180	186
Brown clay	186	190
Dark gray clay	190	195
Brown clay	195	198
Dark gray clay	198	205

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

# WATER WELL REPORT

LINN  
7404

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

NOV 1980  
STATE OF OREGON  
Type or print  
SALEM, OREGON (Do not write above this line)

State Well No. 115/3W-19  
State Permit No. \_\_\_\_\_

### (1) OWNER:

Name Oregon Metallurgical Corp.  
Address 530 34th St. SW, Albany, Or. 97321

### (2) TYPE OF WORK (check):

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

### (3) TYPE OF WELL:

Rotary  Driven   
 Jetted   
 Bored

### (4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

### (5) CASING INSTALLED:

Threaded  Welded   
12" Diam. from +1'03" ft. to 190'09" Gage 1312  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

### (6) PERFORATIONS:

Perforated?  Yes  No.  
Type of perforator used Acetylene Torch  
Size of perforations 1/2 in. by 12 in.  
75 perforations from 176'09" ft. to 189'09" 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  
a pump test made?  Yes  No If yes, by whom? Self  
Yield: 260 gal./min. with 50 ft. drawdown after 1 hrs.  
240 " " 103 " " 1 "  
450 " " 125 " " 1 "  
Packer test gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

### (9) CONSTRUCTION:

Well seal—Material used Cement  
Well sealed from land surface to 18 ft.  
Diameter of well bore to bottom of seal 16 in.  
Diameter of well bore below seal 12 in.  
Number of sacks of cement used in well seal 8 sacks  
How was cement grout placed? Placed with a grout pump from the 18' level to the ground surface.  
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:

County Linn Driller's well number \_\_\_\_\_  
1/4 Section 19 T. 11S R. 3W W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

### (11) WATER LEVEL: Completed well.

Depth at which water was first found \_\_\_\_\_ ft.  
Static level 39 ft. below land surface. Date 10-6-80  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

### (12) WELL LOG:

Diameter of well below casing 12"  
Depth drilled 205 ft. Depth of completed well 205 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
Gravel Fill	0	3	
Brown Clay	3	10	
Blue Clay	10	16	
Brown Clay & Gravel	16	25	
Brown Clay	25	29	
Dirty Brown Sand & Grav.	29	40	
Blue Clay & Gravel	40	43	
Brown Clay w/Some Grav.	43	49	
Black Clay	49	58	
Black Sandy Clay & Grav.	58	73	
Black Clay	73	77	
Black Sand & Gravel	77	81	
Black Clay	81	86	
Blue Clay	86	90	
Dark Gray Clay	90	96	
Dark Brown Clay	96	100	
Gray Clay	100	112	
Black Sand & Gravel	112	117	
Sandy Gray Clay & Grav.	117	122	

Work started 9-16 19 80 Completed 10-6 19 80  
Date well drilling machine moved off of well 10-7 19 80

### Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] Merle Warren Date 10/10, 1980  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 436

### Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
Name Merle Warren Well Drilling, Inc.  
(Person, firm or corporation) (Type or print)  
Address 34111 Hwy. 99E, Tangent, Or. 97389  
[Signed] Merle Warren  
(Water Well Contractor)  
Contractor's License No. 182 Date 10/10, 1980