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Linn  
035

AUG 26 1996

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STATE OF OREGON  
WATER WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT. (START CARD) # 15742  
SALEM, OREGON

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

(1) OWNER: Well Number 7  
Name Oregon Metallurgical Corp.  
Address P.O. Box 580  
City Albany State OR Zip 97321

(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 200'  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE		SEAL			
Diameter	From To	Material	From To	Sacks or pounds	
16"	0 18'	cement	0 18'	14 sacks	
12"	18' 200'				

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"	+14"	185'	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		04"		<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) 185' 04"

(7) PERFORATIONS/SCREENS:

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

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
171'	183'	3/8"	100	12"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
08"	04"	x12"				<input type="checkbox"/>	<input type="checkbox"/>
149'	11 154'	11"				<input type="checkbox"/>	<input type="checkbox"/>
164'	11 169'	11"				<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
150 gpm	60'		1 1/2 hr
190 gpm	65'		1 hr
243 gpm	77'		1 1/2 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 11S N or S Range 3W E. or W. WM. \_\_\_\_\_  
Section 19 SW 1/4 NW 1/4  
Tax Lot 300 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) 530 W 34 St - Albany

(10) STATIC WATER LEVEL:  
36 ft. below land surface. Date 5-17-90  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
Depth at which water was first found 28'

From	To	Estimated Flow Rate	SWL
28'	34'	20 gpm	12'
44'	47'	30 gpm	13'
126'	138'	80 gpm	14'
173'	181'	550 gpm	36'

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

Material	From	To	SWL
Top soil	0	3	
Brown clay	3	19	
Brown clay & gravel	19	28	
Dirty gravel	28	34	12'
Brown clay & gravel	34	44	
Brown sand & gravel	44	47	13'
Brown clay & gravel	47	51	
Blue clay & gravel	51	68	
Dirty black sand & gravel	68	73	
Dark gray clay & gravel	73	84	
Gray clay some gravel	84	87	
Gray clay	87	100	
Brown clay	100	105	
Firm dark gray clay	105	112	
Gray sandy clay	112	121	
Gray sand	121	126	
Black sand & gravel	126	138	14'
Gray clay & gravel	138	152	
Gray clay	152	164	
Black sandy clay	164	173	

Date started 4-20-90 Completed 5-11-90

(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.

Black sand & small gravel	123	181	36
Blue gray clay	181	190	
Dark gray clay	190	195	
Dark brown clay	195	200	

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 \_\_\_\_\_ Date 5-15-90

Linn  
035

Well Test  
Information  
Cont.

257 gpm	82'		2 hr
299 gpm	93'		2½ hr
323 gpm	98'		3 hr
351 gpm	103'		3½ hr
390 gpm	111'		4 hr
420 gpm	121'		4½ hr
453 gpm	131'		5 hr
470 gpm	145'		5½ hr
500 gpm	156'		6 hr
525 gpm	168'		6½ hr
550 gpm	175'		7 hr

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

*LINN* JUN - 1 1990  
 035 WATER RESOURCES DEPT.

(START CARD) # 15742

*115/3w/196*

**(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 200 ft.  
 Explosives used Yes  No  Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks or pounds	
16"	0 18'	cement	0 18'	14	sacks
12"	18' 200'				

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
 Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
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Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 185' 04"

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08"	04"	1/2"				<input type="checkbox"/>	<input type="checkbox"/>

**(8) WELL TESTS: Minimum testing time is 1 hour**  
 Pump  Bailer  Air  Flowing Artesian  
 Yield gal/min 550gpm Drawdown 139' Drill stem at \_\_\_\_\_ Time 4 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:**  
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 Section 19 SW 1/4 NW 1/4  
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Black sand & small gravel	173	181	36'
Blue clay gray	181	190	
Dark gray clay	190	195	

Date started 4-20-90 Completed 5-11-90

Dark brown clay 195 200  
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 WWC Number \_\_\_\_\_  
 Signed \_\_\_\_\_ Date \_\_\_\_\_

**(bonded) Water Well Constructor Certification:**  
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 WWC Number 1378  
 Signed \_\_\_\_\_ Date \_\_\_\_\_

Linn 035 cont.

Oregon Metallurgical Corp.

115/3W-19  
Linn Co.

<u>Material</u>	<u>From</u>	<u>To</u>
Packed dark gray sand	170	178
Black sand & pea gravel	178	183
Gray clay	183	190
Dark brown clay	190	195
Dark gray clay	195	203
Dark brown clay	203	240