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

WATER RESOURCES DEPT. SALEM, OREGON

(START CARD) # 40107

Linn 1031

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

(1) OWNER: Well Number 8 Name Oregon Metallurgical Corp. Address P.O. Box 580 City Albany State OR Zip 97321

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

(3) DRILL METHOD: [] Rotary Air [] Rotary Mud [x] Cable [] Auger [] Other

(4) PROPOSED USE: [] Domestic [] Community [x] Industrial [] Irrigation [] Thermal [] Injection [] Livestock [] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [x] No Depth of Completed Well 220ft. Explosives used [] Yes [x] No Type Amount

Table with columns: HOLE Diameter, From, To, Material, SEAL From, To, Sacks or pounds. Row 1: 16", 0, 18', cement, 0, 18', 12sacks. Row 2: 12", 18', 220'

How was seal placed: Method [] A [] B [x] C [] D [] E [] Other Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Casing: 12", +18', 200', 250, [x], [], [x], []. Liner: 12", [], [], [], [], [], [], []. Final location of shoe(s) 200' 06"

(7) PERFORATIONS/SCREENS: [x] Perforations Method Acetylene torch [] Screens Type Material From To Slot size Number Diameter Telephone size Casing Liner. Row 1: 189', 200', 1/2", 100, 12", [], [x], []. Row 2: 141', 147', x12", [], [], [], [], []

(8) WELL TESTS: Minimum testing time is 1 hour [] Pump [x] Bailer [] Air [] Flowing Artesian Yield gal/min Drawdown Drift stem at Time 150gpm 85' 4 Xhr.

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? [x] 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 NW 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: 54 ft. below land surface. Date 7-24-92 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 36'

Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 36', 52', 30gpm, 13'. Row 2: 72', 88', 70gpm, 14'. Row 3: 119', 127', 100gpm, 14'. Row 4: 167', 171', 150gpm, 36'.

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Rows include: Top soil (0-3), Brown clay (3-20), Brown clay & gravel (20-28), Blue clay & gravel (28-36), Dirty black sand & grav (36-52, 13), Blue clay & gravel (52-60), Dirty black sand&gravel (60-65), Dark gray clay & gravel (65-72), Dirty black sand&gravel (72-88, 14), Dark sandy clay (88-95), Dark gray clay (95-100), Dark brown clay (100-106), Dark gray silty clay (106-114), Black sandy clay&pea gra (114-119), Black sand & gravel (119-127, 14), Blue clay & gravel (127-135), Gray clay & gravel (135-150), Gray clay (150-164), Sandy gray clay (164-167), Black sand & sm gravel (167-171, 36).

Date started 6-24-92 Completed 7-24-92

Table with columns: Material, 171, 178, 189, 199, 205, 208, 208, 220. Rows include: Blue clay, Gray sandy clay, Black sand & gravel, Dark brown clay, Dark gray silty clay, Dark brown clay.

(Sealed) 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. Signed WWC Number 1378 Date 8-3-92

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

AUG 24 1992
WATER RESOURCES DEPT.
SALEM, OREGON

LINN
2631

115/3w/1966

(START CARD) # 40107

(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 220 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	
16"	0 18'	cement	0 18'	12 sacks
12"	18' 220'			

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"	+ 18'	200'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		06"		<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) 200' 06"

(7) PERFORATIONS/SCREENS:
 Perforations Method Acetylene torch
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
189'	200'	1/2x12	100	12"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	06"					<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
100 gpm	54'		1 hr.

Temperature of Water 54 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 NW 1/4 NW 1/4
Tax Lot 300 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 530 W 34 St.

(10) STATIC WATER LEVEL:
54' ft. below land surface. Date 7-24-92
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 36'

From	To	Estimated Flow Rate	SWL
36'	65'	50 gpm	20'
72'	88'	50 gpm	15'
119'	127'	100 gpm	35'
189'	199'	100 gpm	54'

(12) WELL LOG:
Ground elevation _____

Material	From	To	SWL
Top soil	0	3	
Brown clay	3	20	
Brown clay & gravel	20	28	
Blue clay & gravel	28	36	
Dirty black sand & gravel	36	52	20'
Blue clay & gravel	52	60	
Dirty black sand & gravel	60	65	
Dark gray clay & gravel	65	72	
Dirty black sand & gravel	72	88	15'
Dark sandy clay	88	95	
Dark gray clay	95	100	
Dark gray clay brown	100	106	
Dark gray silty clay	106	114	
Black sandy clay & pea gravel	114	119	
Black sand & gravel	119	127	35'
Blue clay & gravel	127	135	
Gray clay & gravel	135	150	
Gray clay	150	164	
Sandy gray clay	164	167	
Black sand & small gravel	167	171	
Blue clay	171	179	
Gray sandy clay	179	189	

Date started 6-24-92 Completed 7-24-92

Black sand & gravel	189	199	54'
Dark brown clay	199	205	
Dark gray silty clay	205	208	
Dark brown clay	208	220	

(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 well construction standards. This report is true to the best of my knowledge and belief.
WWC Number 1378
Signed _____ Date 8-3-92