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

AUG 26 1996

REVISED

WATER RESOURCES DEPT. (START CARD) # 15741

Instructions for completing this report are on the last page of this form ALEM, OREGON (9) LOCATION OF WELL by legal description: Well Number County Linn Latitude Longitude Oregon Metallurgical Corp. Name E or W. WM. Township 11 S N or S Range Address SW 1/4 Section 18 1/4 Zip City Block Subdivision Tax Lot 300 Lot (2) TYPE OF WORK New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment Street Address of Well (or nearest address) 530 W 34 St - Albany (3) DRILL METHOD: (10) STATIC WATER LEVEL: Rotary Air Rotary Mud Cable 4-10-90 34 Other ft. below land surface. (4) PROPOSED USE: Artesian pressure lb. per square inch. Date (11) WATER BEARING ZONES: **X** Industrial Irrigation ☐ Domestic Community Livestock Other Thermal ■ Injection Depth at which water was first found 26. (5) BORE HOLE CONSTRUCTION: Special Construction approval Yes X No Depth of Completed Well 210 SWL To Estimated Flow Rate From Explosives used Yes X No Type _ 26° 31**'** 8 10 g pm SEAL HOLE <u>5</u>8• 60 12 30 gpm Diameter Material Sacks or pounds 70 gpm 110' 115' 172' 425 gpm 16" 20 15sacks cement 12" 210 20 (12) WELL LOG: How was seal placed: []B Ground Elevation . Method Other _ From To SWL Material ft. Material Backfill placed from _ ft. to 0 Top soil ft. Size of gravel Gravel placed from ζ Brown clay (6) CASING/LINER: <u>Medium brown firm clay</u> 20 Welded Threaded To Gauge Steel **Plastic** 20 Packed blue clay&gravel 26 Casing: 8. 26 31 X Brown clay & gravel +16"178".250X 31 32 Brown clay 08" Dark gray clay 32 49 Gray clay & gravel 35 Liner: Brown clay & gravel 49 55 \Box 55 Dark gray clay&gravel 58 178' 08" Final location of shoe(s) 12 58 <u>60</u> Dirty black sand&gravel (7) PERFORATIONS/SCREENS: <u>60</u> 63 Dark gray clay Perforations Method <u>Acetvlene torch</u> Dark gray sandy clay 63 68 Screens Material Type Tele/pipe 68 77 <u>Dirty black sand&gravel</u> Casing Liner Diameter 85 Dark gray clay 85 90 Dark gray sandy clay 176 3/8" <u> 165°</u> 100 X 90 95 \Box Dark brown clay 08" 124' 95 110 119' Firm dark gray clay 110 115 89 99 Dirty black sand&gravel 137 115 Sandy blue clav&gravel | -10-90 3**-**22**-90** Completed (8) WELL TESTS: Minimum testing time is 1 hour Date started (unbonded) Water Well Constructor Certification: Flowing I certify that the work I performed on the construction, alteration, or abandonment **X** Pump Bailer Artesian of this well is in compliance with Oregon water supply well construction standards. Drill stem at Time Yield gal/min Drawdown Materials used and information reported above are true to the best of my knowledge 651 1 hr. and belief. 145 gpm WWC Number 160 gpm Signed 195 gpm (bonded) Water Well Constructor Certification: Depth Artesian Flow Found Temperature of water I accept responsibility for the construction, alteration, or abandonment work Was a water analysis done? Yes By whom performed on this well during the construction dates reported above. All work Did any strata contain water not suitable for intended use? 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. Salty Muddy Odor Colored Other WWC Number <u>1378</u> Depth of strata: Date 4-13-90 Signed

Linn 9 cont.

Well Test cont.

Yield gal/m	in drawdi	יייטל
243 spm 250 spm 270 spm 300 spm 310 spm 360 spm 425 spm	102' 105' 115' 125' 131' 135' 141'	5 hours

Well log cont

<u>Material</u>	From	To:	_	
Dark gray clay&gravel Dark gray sandy clay Firm dark gray clay Medium blue clay Dark gray clay Dark gray silty clay Brown clay Black sand&pea fravel Gray brown clay Dark brown clay Black sand Brown clay Dark gray clay	137 141 145 159 163 175 188 190 195	141 145 154 159 166 177 178 189 195 195	34	

STATE OF OREGON

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(as required by ORS 537.765)	SALEM, ORE	GON (s	TART CARD)	15741			
(1) OWNER: Well Name Oregon Metallurgical Corn	umber:	(9) LOCATION	OF WELL by le	egal de	scrip	tion:	
Name Oregon Metallurgical Corp	<u> </u>	County Linn	Latitude		Longitue	de	
City Albany State OR.	Zip 97321	County Linn Latitude Longitude Township 11 S Nors, Range 3 W Eor W. WM. Section 18 C SE 4 SW 4			, WM.		
	<u> </u>	Section LO U	<u>Se</u> "	SW	14		
(2) TYPE OF WORK:	t		LotBlock				
	Abandon	Street Address of Wo	ell (or nearest address) _ th, Albany				
(3) DRILL METHOD							
Rotary Air Rotary Mud Cable Other	••	(10) STATIC W		;			
(4) PROPOSED USE:		341 A.b			Date	4-10	90
Domestic Community Industrial In	•i•.	Artesian pressure	lb. per squ	are inch.	Date		
☐ Thermal ☐ Injection ☐ Other	=	(11) WATER B	EARING ZONE	S:			-
(5) BORE HOLE CONSTRUCTION:		Depth at which water was	first found SKIX	261			
	pleted Well 210 ft	From	To		eted Plan	. Data	SWL
Yes No L					imated Flow Rate O gpm		81
Explosives used	· ————	581	601	30	gpm		12'
HOLE SEAL	, Amount	110'	115'		gpm		151
Diameter From To Material From To	sacks or pounds	172'	1751		gpm		341
16" 0 20' cement 0 20	15 sacks	(12) WELL LOC	Ground elevati				
12" 210			Material				
		Top soil	ATE OR L BIT		From	<u>To</u>	SWL
How was seel placed: Method 🔲 A 🔲 B 🖾 C 🔲 D	□ B	Brown clay			3	5	
Other		Med. Brown o	lay firm		5	20	
Backfill placed fromft. toft. Material		Packed blue clay & gravel		el	20	26	
Gravel placed from ft. to ft. Size of gravel		Brown clay 8	gravel		26	31	81
(6) CASING/LINER:		Brown clay			31	32	
Diameter From To Gauge Steel Plastic		Dark gray cl			32	35	
12" +16" 178" .250 E		Gray clay & gravel			35	49	
08"		Brown clay & gravel Dark gray clay & gravel		49	<u>55</u>		
		Dirty black sand & gravel		55 58	58 60	12'	
Liner:	<u> </u>	Dark gray clay			60	63	12.
		Dark gray sandy clay			63	68	
Final location of ahoo(a) 178 108 17		Dirty black		e l	68	77	
(7) PERFORATIONS/SCREENS:	PERFORATIONS/SCREENS: Dark gray clay			77	85		
Perforations Method Acetylene t	orch	Dark gray ss			85	90	
Screens Type Mater		Dark brown c			90	95	
Slot Tele/pipe From To size Number Diameter size		Firm dark gr			95	110	354
	Cooling Liner	Dirty black	sand & grave wood	6T	110	115	15.
165' 176' 3/8 100 12"		Sandy blue clay & gravel			115	137	
05" 08" x12"		Dark gray clay & gravel			137	141	
		Dark gray sandy clay			141	145	
	. 🛚 🗖			leted 4.	-10-	90	
101	. 0 0	(unbonded) Water W	ell Constructor Cor	tiffe-tic			
(8) WELL TESTS: Minimum testing time in	s 1 hour Flowing	I certify that the	work I performed on	the con	atmetic	n, alten	tion, or
🖬 Pamp 🔲 Bailer 🔲 Air	Artesian	abandenment of this v standards, Materials un	vell is in compliance	with O	-	mil come	teaction
Yield gal/min Drawdown Drill stem at	Time	knowledge and belief.	er sint maritmission is	house a		erus vo	my Dest
425gpm 136	6 hr.			W	VC Nur	nber	
		Signed		Da	te		
		(bonded) Water Well					
Temperature of water Depth Artesian Flo	w Found	I accept responsible	ility for the construct	ion, alte	ration,	or aband	onment
Was a water analysis done? Yes By whom	work performed on this work performed durin	g this time is in	complia	nce wii	h Ores	on well	
Did any strata contain water not suitable for intended use?	construction standards.	This report is true t	o the be	it of my	/ knowle	dge and	
Selty Muddy Odor Colored Other	 	belief.	& 1.1.	W		aber 13	
Depth of strata:		Signed Miles	Williams	Dat	4-	13-90)

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