WASH 14153

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

MACK DRILLING COMPANY
1345 20TH STREET SE
P O BOX 12067
SALEM, OR 97309-0067

WASH 51282

025/01W/34CB

(START CARD) # 84179

Instructions for completing this report are on the last page of this form. Water Well #2

(1) OWNER: Well Number WW #2
Name Morse Bros.
Address 32260 hwy 34
City Tangent State OR Zip 97389

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

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

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

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

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
10	0	12	Bentonite	0	12	5 sacks
12+"	12	20	Bentonite	12	20	12 sacks
8 "	20	78	Cement Grt.	20	78	11 sacks
5.5	78	300				

How was seal placed: Method [ ] A [X] B [X] C [ ] D [ ] E
[ ] Other 60'-80' 4 sacks w/QC. method B
Backfill placed from 220 ft. to 300 ft. Material see #12
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6"	+1	78	.250	[X]	[ ]	[X]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
Liner:	4"	0	220	160	[ ]	[X]	[X]	[ ]
					[ ]	[ ]	[ ]	[ ]

Final location of shoe(s) 78'

(7) PERFORATIONS/SCREENS:
[X] Perforations Method Electric Saw
[ ] Screens Type Slots Material SDR 26

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
180	220	1/8	60	7"		[ ]	[X]
						[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]

(8) WELL TESTS: Minimum testing time is 1 hour
[ ] Pump [ ] Bailer [X] Air [ ] Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
110	100'	300	1 hr.

Temperature of water 53° 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 Washington Latitude Longitude
Township 2 N or (S) Range 1 E or (W) WM.
Section 34 NW 1/4 SW 1/4
Tax Lot 605 Lot Block Subdivision
Street Address of Well (or nearest address) 11911 SW Waldo Way
Sherwood, Oregon 97140

(10) STATIC WATER LEVEL:
45 ft. below land surface. Date 11/8/95
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 14'

From	To	Estimated Flow Rate	SWL
14	22	8	17
62	70	8	17
92	110	8	45
125	145	50	45
260	300	60+	45

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
(see attached)			

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NOV 27 1995
WATER RESOURCES
SALEM, OREGON

Date started 11/1/95 Completed 11/6/95

(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 1394
Signed Eugene R. Mack Date 11/11/95

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

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NOV 27 1995
WATER RESOURCES DEPT.
SALEM, OREGON

STATE OF OREGON
WATER WELL REPORT

START CARD # 84179

OWNER: MORSE BROSE
Name: JEFF STEYAERT
Address: 32260 HWY 34
TANGENT, OREGON 97389

Well Number
WW#2

WELL LOG: CONTINUED

MATERIAL	FROM	TO	SWL
Gravel 1" minus.	0	2	
Soil clay w/rock broken.	2	5	
Claystone brown w/basalt broken.	5	14	
Claystone & gravel crumbly w/cobbles.	14	22	17
Basalt boulder gray.	22	24	
Basalt vesicular & fractured.	24	34	
Basalt broken weathered tan brown.	34	62	
Basalt layered med to hard fractured.	62	74	17
Basalt grey hard to med.	74	82	
Basalt red porous.	82	97	
Basalt brown & gray hard.	97	110	
Basalt brown weathered.	110	120	
Basalt grey & brown seamy.	120	139	
Basalt blk.	139	141	
Bsalt dark green to dark brown.	141	144	
Basalt brown & grey.	144	151	
Basalt dark grey hard.	151	171	
Basalt grey & brown.	171	174	
Basalt grey hard.	174	190	
Basalt grey w/fractures hard.	190	198	
Basalt blk.	198	203	
Basalt brown & red soft.	203	216	
Basalt grey hard.	216	235	
Basalt grey hard w/fractures.	235	246	
Basalt grey fracture.	246	247	
Basalt grey hard w/fractures.	247	258	
Basalt blk m-hard some porous.	258	276	
Basalt blk & brown & red porous soft.	276	282	
Basalt blk m-hard seamy.	282	285	
Basalt fractured.	285	286	
Basalt blk hard to m-hard w/fractures.	286	300	
BACKFILL			
3/4" crushed rock.	220	227	
Bentonite 3/8" hole plug.	227	243	
Cement grout 2 sacks.	243	247	
Bentonite 3/8" hole plug.	247	250	
3/4" round rock.	250	256	
Bridge cave in.	256	300	

Eugene L. Mark DATE 11/11/95 WWC#1394