

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

Jack
STUDEBAKER DRILLING, INC.
1400 Arnold Lane
Medford, Oregon 97501

JAN 21 1992
32S/2E/31
WATER (START CARD) # 36421

31330

(1) OWNER: Well Number: _____
Name Pacific Power/Hydro Resources
Address 920 S W 6th Avenue 610PBB
City Portland State Ore Zip 97204

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

HOLE		SEAL		Amount
Diameter	From To	Material	From To	sacks or pounds
10"	0 118	bentonite	0 25	10 sacks
6"	118 685	" chips	25 118	37 "

How was seal placed: Method A B C D E
 Other poured
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: <u>4"</u>	<u>0</u>	<u>118</u>	<u>3/4</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: <u>4"</u>	<u>0</u>	<u>685</u>	<u>3/4</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoets: _____

(7) PERFORATIONS/SCREENS:

Perforations Method saw
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 11 Drawdown _____ Drill stem at 683 Time 1 hr.

Temperature of water 57 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 Jackson Latitude _____ Longitude _____
Township 32S N or S, Range 2E E or W, WM.
Section 31 1/4 _____ 1/4 _____
Tax Lot 3 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Crater

(10) STATIC WATER LEVEL:
140 ft. below land surface. Date 12/18/91
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 241

From	To	Estimated Flow Rate	SWL
<u>241</u>	<u>680</u>	<u>11</u>	<u>140</u>

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Shale, rock, fill	0	2	
Clay, red, brown	2	42	
Rock, weathered, gray, blk	42	61	
Clay, red	61	70	
Rock, soft, red, brown	70	85	
Rock, hard, black	85	106	
Volcanic red/tan	106	136	
Volcanic gray	136	142	140
Lava, fract, lavender	142	164	
Lava, cinder, frac, red, tan	164	176	
Lava, blue	176	251	
Lava, solid, red	251	263	
Lava, blue	263	274	
Lava, solid red	274	356	
Lava, blue	356	402	
Vol rock, green	402	434	
Claystone, solid red	434	455	
Sandstone, blue	455	471	
Claystone, red	471	500	
Vol rock, blue	500	509	
Claystone, red	509	548	
Vol rock, blk w/quartz	548	671	
Soapstone, green	671	685	

Date started 12/17/91 Completed 12/19/91

(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 well construction standards. Materials used and information reported above are true to my best knowledge and belief.
Signed _____ WWC Number _____
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 well construction standards. This report is true to the best of my knowledge and belief.
Signed John Studenker WWC Number 679
Date 1/16/92