

MAR 13 1990

165/12E/3/CA

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

DESC  
4500

WATER RESOURCES DEPT.  
SALEM, OREGON

(START CARD) # W 15652 labeled

(1) OWNER:

Name Bend Research Inc  
Address 64550 Research Rd  
City Bend State Ore Zip 97701

(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 Research & Devel

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes  No  Depth of Completed Well 505 ft.  
Explosives used Yes  No  Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
12"	0	49	cement	49	0	41 sacks
8"	49	332				
6"	332	505				

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: 8"	1	49	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
liner 5"	178	505	.188	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 6"	0	362	.188	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6" drilled down 332 to 362				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

Perforations Method machine  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
485	505		190	1/8by3		<input type="checkbox"/>	<input checked="" 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	Drawdown	Drill stem at	Time
17		505	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 Des Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 16 S N or S, Range 12 E E or W, WM.  
Section 31 NE 1/4 SW 1/4  
Tax Lot 407 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_

Street Address of Well (or nearest address)  
64550 Research Rd Bend, Ore

(10) STATIC WATER LEVEL:

445 ft. below land surface. Date 2-14-90  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found 325

From	To	Estimated Flow Rate	SWL
325	330	6GPM	325
330	448	water all gone	
448	505		445

(12) WELL LOG:

Material	From	To	SWL
sandy soil	0	1	
brn sand crse gravel/cobb (les 2 yds con)	1	11	
med to crse gravel	11	22	
gray basalt - bldrs (3yds)	22	28	
dk tan welded tuft	28	59	
lt tan pumice	59	120	
brn pumice	120	135	
brn ss congl fine	135	194	
pink tuft	194	240	
brn congl med	240	278	
brn ss	278	325	
redish gray cinders (WB)	325	330	
brn clay congl	330	368	
gray congl	368	388	
gray basalt	388	440	
pink cindery tuft	440	448	
red cinders (WB)	448	460	
gray fractured basalt(WB)	460	468	
red cinders (WB)	468	485	
gray brkn basalt (WB)	485	490	
red cinders (WB)	490	505	

Date started 1/26/89 Completed 2-14-90

(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 well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed John A. Johnson WWC Number 1317  
Date 2-20-90

(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 A. Johnson WWC Number 595  
Date 2-20-90