

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

DESC DEC - 1 1992
 1572

WATER RESOURCES DEPT.
 SALEM, OREGON

18S/11E/36a
 (START CARD) # W-27306

(1) OWNER: Well Number _____
 Name Katter + Schilling (Apache Water)
 Address 61843 Dobbin Rd
 City BEND State OR Zip 97702

(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 Municipal Water System

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 480 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount
Diameter	From	To	Material	sacks or pounds
12"	0	50'	Portland Cement	67 Sacks
10"	50'	480'		

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"	+2'	480'	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

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

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
440'	480'	1/2"	960	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
356 gpm	0	480'	1 hr.

Pump Bailer Air Flowing Artesian

Temperature of Water 52° 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 Deschutes Latitude _____ Longitude _____
 Township 18S N or S. Range 11 E E or W. WM. _____
 Section 36 NW 1/4 N.E. 1/4 _____
 Tax Lot NONE Lot 12 Block 14 Subdivision Deschutes River
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
335 ft. below land surface. Date 11/5/92
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 335'

From	To	Estimated Flow Rate	SWL
335	480'	570 GPM	

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
TOP SOIL	0	3	
LAVA	3	14	
BLACK LAVA	14	42	
BLACK BASALT	42	90	
BROKEN BASALT	90	98	
CONGLOMERATE	98	115	
GRAY LAVA	115	143	
BROWN SANDSTONE	143	258	
BLACK BASALT	258	268	
BROKEN LAVA	268	289	
GRAY BASALT	289	335	
Red Cinders WB.	335	339	335
BROWN SANDSTONE	339	358	
BROKEN BASALT	358	372	
RED CINDERS	372	396	
BROKEN BASALT	396	480	

Date started 2/30/92 Completed 11/5/92

(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 Stephen D. Ladd (Helper) WWC Number 677
 Date 11/5/92

(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 Wayne T. Brachner WWC Number 677
 Date 11/5/92