

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

(WELL I.D.)# L 72482

(START CARD) # ~~168801~~ 168801

Instructions for completing this report are on the last page of this form.

(1) OWNER: Name David B. Casper, Address 1154 Abbott Road, City Walla Walla, State WA, Zip 99362

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

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 800 ft. Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, Material, SEAL From, To, Sacks or pounds. Row 1: 20 nom, 0, 238, cement, 0, 472, 583 sacks.

How was seal placed: Method [] A [X] B [X] C [] D [] E [] Other

Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Casing: 12, +1.5, 472, .375, [X] Steel, [] Plastic, [X] Welded, [] Threaded.

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Material, Tele/pipe size, Casing, Liner.

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

Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Row 1: 535, 111, 1 hr.

Temperature of water 69 F Depth Artesian Flowing [] Artesian Was a water analysis done? [] Yes By whom Did any strata contain water not suitable for intended use? [] Salty [] Muddy [] Odor [] Colored [] Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Umatilla, Township 6 N, Range 36 E, Section 16 SE, Tax Lot 1401, Block, Subdivision, Street Address of Well (or nearest address) NYA - Powerline Road, Milton-Freewater, OR

(10) STATIC WATER LEVEL: 219 ft. below land surface. Date 11/8/06 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found unknown - mud drilled upper borehole

Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: ??, <452, 300 +/-, NM. Row 2: 480, 790, see (8), 219.

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Includes 'RECEIVED DEC 29 2006 WATER RESOURCES DEPT SALEM, OREGON' stamp and 'Owner opted against installing liner / inner casing and thereby assumes all liability & responsibility associated therewith.'

Date started 8/8/06 Completed 12/22/06

(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. Signed [Signature] WWC Number 1797 Date 12/18/06

(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. Signed [Signature] WWC Number 649 Date 12/18/06

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UMAT 55891

David B Casper - formation log

by Schneider Drilling Co.

Start Card #188801 Label #L72482

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	1	Gravel fill
1	9	Top soil, brown, silty loam
9	10	Siltstone, grey, hard
10	11	Clay, grey, soft
11	13	Gravel, cemented (hard pan)
13	73	Gravel & cobbles with clay, brown, medium
73	75	Basalt, grey w/some brown, hard
75	158	Basalt, brown & grey, weathered w/some clay, brown, medium
158	190	Basalt, brown & grey w/some red, vesicular, weathered, & some clay, brown & green, med
190	206	Basalt, grey, broken, fractured, medium (LC zone)
206	256	Basalt, grey, broken w/gravel, 3/4-
256	269	Basalt, grey & brown, broken
269	276	Basalt, grey, medium-hard, fractured
276	286	Basalt, grey & brown, broken
286	296	Basalt, brown, medium, fractured
296	361	Basalt, grey, very fractured
361	378	Basalt, brown, medium, fractured, vesicular
378	444	Basalt, grey, medium-hard, some fractures
444	452	Basalt, grey, very fractured
452	476	Basalt, grey, hard
476	503	Basalt, grey, hard, some fractures
503	517	Basalt, grey, hard, fractured
517	522	Basalt, dark grey, medium, fractured w/clay, blue, firm
522	535	Basalt, brown, medium, vesicular w/clay in vesicles, blue, firm
535	561	Basalt, dark grey, hard, some fractures
561	568	Basalt, dark grey, medium-hard, broken, weathered
568	576	Basalt, red, soft, some vesicular w/some silt, red
576	580	Basalt, dark grey, medium-hard, broken, weathered
580	583	Basalt, dark grey, medium-hard
583	597	Basalt, dark grey, medium, broken, some vesicular
597	618	Basalt, dark grey, hard, some fractures
618	632	Basalt, brown, medium, fractured, some vesicular
632	678	Basalt, dark grey, medium, fractured
678	683	Basalt, dark grey, hard, fractured
683	711	Basalt, dark grey, medium-hard, very fractured
711	751	Basalt, dark grey & brown, fractured, some broken, some vesicular
751	779	Basalt, dark grey, hard, some fractures
779	780	Basalt, dark grey w/red lenses, medium-hard, some fractures
780	790	Basalt, dark grey w/brown lenses, medium-hard, fractured
790	800	Basalt, dark grey, medium-hard, some fractures

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