

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

WELL I.D. # L 76142

START CARD # 164859

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

(1) LAND OWNER Well Number 1
Name Craig Coleman
Address 33896 East Walls Rd
City Hermiston State OR Zip 97838

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

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

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

(5) BORE HOLE CONSTRUCTION Special Construction: [] Yes [X] No
Depth of Completed Well 1450 ft.
Explosives used: [] Yes [X] No Type Amount

Table with columns for BORE HOLE and SEAL. Includes Diameter, From, To, Material, From, To, Sacks or Pounds.

How was seal placed: Method [] A [] B [X] C [] D [] E
Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER
Table with columns for Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded.

Drive Shoe used [] Inside [X] Outside [] None
Final location of shoe(s) 810'

(7) PERFORATIONS/SCREENS
[X] Perforations Method Factory
[] Screens Type Material

Table with columns for From, To, Slot Size, Number, Diameter, Tele/pipe size, Casing, Liner.

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

Table with columns for Yield gal/min, Drawdown, Drill stem at, Time.

Temperature of water 60 F 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 (legal description)
County Umatilla
Tax Lot 1891 Lot
Township 4 N Range 27 E WM
Section 27 NE 1/4 SW 1/4
Lat " or (degrees or decimal)
Long " or (degrees or decimal)
Street Address of Well (or nearest address) 28286 Stafford Hansel Rd, Hermiston, OR 97838

(10) STATIC WATER LEVEL
316 ft. below land surface. Date 5-24-05
Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES
Table with columns for From, To, Estimated Flow Rate, SWL.

(12) WELL LOG
Table with columns for Material, From, To, SWL.
SEE ATTACHED SOIL PROFILE
RECEIVED JUN 29 2005 WATER RESOURCES DEPT SALEM, OREGON
Date Started 02-15-05 Completed 6-01-05

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, 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 1702 Date 6-28-05
Signed

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, 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 1823 Date 6/27/05
Signed

DRAFT

DRAFT

DRAFT

DRAFT



Geo-Tech Explorations
 A Division of **Boart Longyear**
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 503-692-6400
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Start Card: 164859
Well Label: L76142
Boring # : Craig Coleman Irrigation Well

Well Tests:

Injection	Pump	Air	Yield GPM	Drawdown/Rise	Depth Tested	Time
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	gpm	ft.		hrs
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3000	-16		19
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1500	-5.5		1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

Water Bearing Zones:

Depth at which water was first found 135 ft.

From	To	Estimated Flow/Specific Capacity	SWL
135	148		95
148	330		95
385	440		97.5
505	531		98
541	570	1000 gpm	100
695	702	187 gpm/ft @ 3000 gpm combined	294
715	729	↓	↓
742	769	↓	↓
835	880	↓	↓
978	996	↓	↓
1001	1018	↓	↓
1091	1113	↓	↓
1151	1159	↓	↓
1190	1231	↓	↓
1290	1306	↓	295
1320	1330	↓	295.9
1386	1396	↓	295.8
1410	1416	↓	296

Soil Profile Continued from Log:

Material	From	To	SWL
Sand	0	8	
Cemented gravel	8	98	
Gravel	98	113	
Cemented gravel	113	135	
Soft brown basalt	135	148	
Black w/ brown fractured basalt	148	330	
Black basalt w/ grey	330	385	
Black basalt w/ green claystone	385	440	
Black basalt	440	505	
Black scoria w/ red seams	505	531	
Black w/ grey basalt	531	541	
Red scoria w/ claystone	541	547	
Brown basalt w/ blue claystone	547	555	
Blue to grey basalt – vesicular	555	557	
Brown basalt – weathered	557	560	
Black basalt – fractured	560	564	
Black w/ green claystone	564	566	
Black / Brown / Red scoria w/ grey claystone	566	570	
Black basalt	570	610	
Grey basalt	610	695	
Black basalt – soft	695	702	
Grey w/ black basalt	702	715	
Black basalt w/ red seams – soft	715	729	
Black basalt	729	742	
Black scoria	742	769	
Black basalt	769	819	
Grey basalt	819	835	
Black vesicular basalt	835	851	
Fractured black basalt	851	871	
Fractured vesicular basalt	871	880	
Black basalt	880	918	
Grey w/ black basalt	918	971	
Silty fractured black basalt	971	978	
Fracture vesicular basalt	978	996	
Black basalt	996	1001	
Broken black basalt	1001	1018	
Black basalt	1018	1044	
Broken black basalt	1044	1060	
Black w/ gray basalt	1060	1091	
Black vesicular basalt w/ green clay seams	1091	1096	
Black and white vesicular basalt w/ green clay seams	1096	1100	
Black basalt w/ green claystone	1100	1107	
Fractured black vesicular basalt	1107	1113	
Black basalt	1113	1151	
Fractured black basalt	1151	1159	
Black w/ gray basalt	1159	1191	
Broken black w/ brown vesicular basalt	1191	1206	
Black basalt	1206	1227	
Black basalt vesicular	1227	1231	
Black w/ gray basalt	1231	1290	

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Black w. green clay stone	1290	1306	
Black basalt w/ calcite	1306	1320	
Black w/ brown vesicular basalt and green clay stone	1320	1330	
Black basalt	1330	1386	
Black vesicular basalt	1386	1396	
Black basalt	1396	1410	
Black vesicular basalt	1410	1416	
Black basalt	1416	1438	
Black w/ gray basalt	1438	1450	

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