

**STATE OF OREGON
WATER SUPPLY WELL REPORT**

(as required by ORS 537.765)

(WELL I.D.)# L 68036

(START CARD) # 161741

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

(1) OWNER: Well Number Dallas ASR
 Name City of Dallas, Oregon
 Address 187 SE Court St
 City Dallas State OR Zip 973368

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other reverse circulation

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

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 2001 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
20"	0	501'	Cement	0	501'	10 yards
15"	501'	2001'				

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: 16"	501'	+1	.375	<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 _____
 Screens Type _____ Material _____

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

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

Yield gal/min	Drawdown	Drill stem at	Time
300	280		72 hr.

Temperature of water F 57 Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom CH2MHill
 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 Polk Latitude _____ Longitude _____
 Township 7 S Range 6 W WM.
 Section 36 SE 1/4 NE 1/4
 Tax Lot 109 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 16375 W. Ellendale Ave., Dallas OR

(10) STATIC WATER LEVEL:
188 ft. below land surface. Date 9-07-04
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 545

From	To	Estimated Flow Rate	SWL
SEE ATTACHMENT *			

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
SEE ATTACHED SOIL PROFILE SHEET			

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PT
 SHERMAN OREGON

Date started 2/25/04 Completed 9/07/04

(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. Materials used and information reported above are true to the best of my knowledge and belief.
 Signed William Wright WWC Number 1772
 Date 9/30/04

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.
 Signed _____ WWC Number 1523
 Date 9/30/04



Geo-Tech Explorations
 A Division of Boart Longyear
 19700 SW Teton Ave
 Tualatin, OR 97062
 503-692-6400
 503-692-4759 (fax)

Start Card: 161741
 Well Label: L68036
 Boring #: ASR - 1

Water Bearing Zones:

From	To	Estimated Flow Rate	SWL
723	800	↓	188
936	941	↓	188
1016	1020	1.1 gpm / ft	188

Soil Profile Continued from Log:

Material	From	To	SWL
Clay - brown	0	47	
Cemented gravels w/ some sand	47	69	
Broken basalt (med. / hard)	69	73	
Black basalt	73	90	
Black w/ grey basalt	90	142	
Black basalt	142	350	
Black w/ green clay stone	350	378	
Black basalt	378	414	
Black w/ green clay	414	446	
Black basalt	446	523	
Black basalt w/ green clay & quartz	523	526	
Black basalt	526	545	
Black w/ green claystone	545	612	188
Black w/ brown basalt	612	723	188
Black basalt - fractured	723	741	188
Black basalt	741	800	188
Black basalt w/ green clay	800	816	188
Black basalt w/ green claystone	816	891	188
Black basalt w/ green quartz	891	905	188
black basalt(med.gray) w/ white/green quartz	905	917	188
Basalt (black) w/ streaks of gray clay	917	936	188
Basalt (black) - fractured w/ gray clay	936	938	188
Basalt (black) - fractured	938	941	188
Conglomerate volcanic brachea w/ basalt	941	967	188
Basalt w/ gray and tan claystone	967	982	188

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Basalt (brown) w/ green claystone	982	987	188
Basalt (black) w/ seams of gray claystone	987	992	188
Basalt (blackish brown) w/ streaks of green claystone	992	998	188
Basalt (black - gray) - med. to hard	998	1006	188
Basalt (black - gray) - small fractures w/ short seams of gray claystone	1006	1008	188
Basalt (black - gray) w/ seams of green claystone	1008	1016	188
Basalt (black) fractured	1016	1020	188
Basalt (black - gray) med	1020	1035	188
Basalt (black w/ brown) med	1035	1037	188
Basalt (brown) w/ black and red siltstone	1037	1043	188
Basalt (black) w/ brown/green speckled siltstone	1043	1046	188
Basalt (black) w/ streaks of green claystone	1046	1054	188
Basalt (black) slighty fractures	1054	1058	188
Basalt (black) w/ streaks of brown/red siltstone	1058	1062	188
Basalt (black) w/ gray/brown siltstone	1062	1069	188
Basalt (black) w/ streaks of black siltstone	1069	1076	188
Basalt (black) small fractures w/ seams of black & gray siltstone	1076	1096	188
Basalt (black) w/ red/green speckled siltstone	1096	1104	188
Red & green siltstone	1104	1107	188
Basalt w/ streaks of red & green siltstone	1107	1109	188
Basalt w/ gray & black siltstone	1109	1115	188
Basalt (black) fractured	1115	1126	188
Basalt (black) w/ streaks of green claystone	1126	1132	188
Basalt (green & black) w/ red & brown siltstone	1132	1139	188
Basalt (black) w/ brown & green siltstone and white quartz	1139	1144	188
Basalt (black) w/ brown & gray siltstone	1144	1148	188
Basalt (green & black) w/ brown & red siltstone	1148	1156	188
Basalt (black) w/ gray siltstone	1156	1168	188
Basalt (black) w/ gray & green siltstone and streaks of white quartz	1168	1174	188
Basalt w/ brown siltstone & quartz	1174	1182	188
Basalt (black) w/ seam so f gray siltstone	1182	1196	188
Basalt (black) w/ red/green siltstone	1196	1208	188
Siltstone (gray, green, red) w/ streaks of black basalt	1208	1213	188
Basalt (black) w/ gray and green siltstone	1213	1242	188
Basalt (black) w/ red & green siltstone	1242	1247	188
Basalt (black) w/ brown/green siltstone & quartz	1247	1265	188
Basalt (black) w/ black claystone & gray siltstone	1265	1268	188
Basalt (black) w/ red & green siltstone	1268	1273	188
Basalt (brown / black) w/ brown & green siltstone	1273	1283	188
Basalt (black) w/ gray siltstone	1283	1287	188
Basalt (black) conglomerate (gray siltstone/ green claystone)	1287	1303	188
Conglomerate black basalt, brown siltstone, grey siltstone & green claystone	1303	1320	188
Black basalt, red & green siltstone	1320	1338	188
Black basalt w/ gray siltstone	1338	1360	188
Black basalt w/ green, red & gray siltstone	1360	1366	188
Volcanic Layer - red, brown, grey , silty porous sandstone w/ green claystone	1366	1372	188
Black basalt w/ tan & gray siltstone	1372	1379	188
Black basalt w/ gray siltstone	1379	1387	188
Grey, brown siltstone w/ streaks of basalt & white quartz	1387	1390	188
Brown, red & gray siltstone w/ green claystone	1390	1395	188
Black basalt w/ gray & brown siltstone	1395	1411	188
Black basalt w/ gray, green & brown siltstone and streaks of green claystone	1411	1423	188
Black basalt w/ black & gray siltstone and streaks of gray clay	1423	1427	188
Black basalt w/ gray and black speckled siltstone and streaks of gray claystone	1427	1430	188
Brown & tan siltstone w/ streaks of black basalt	1430	1433	188

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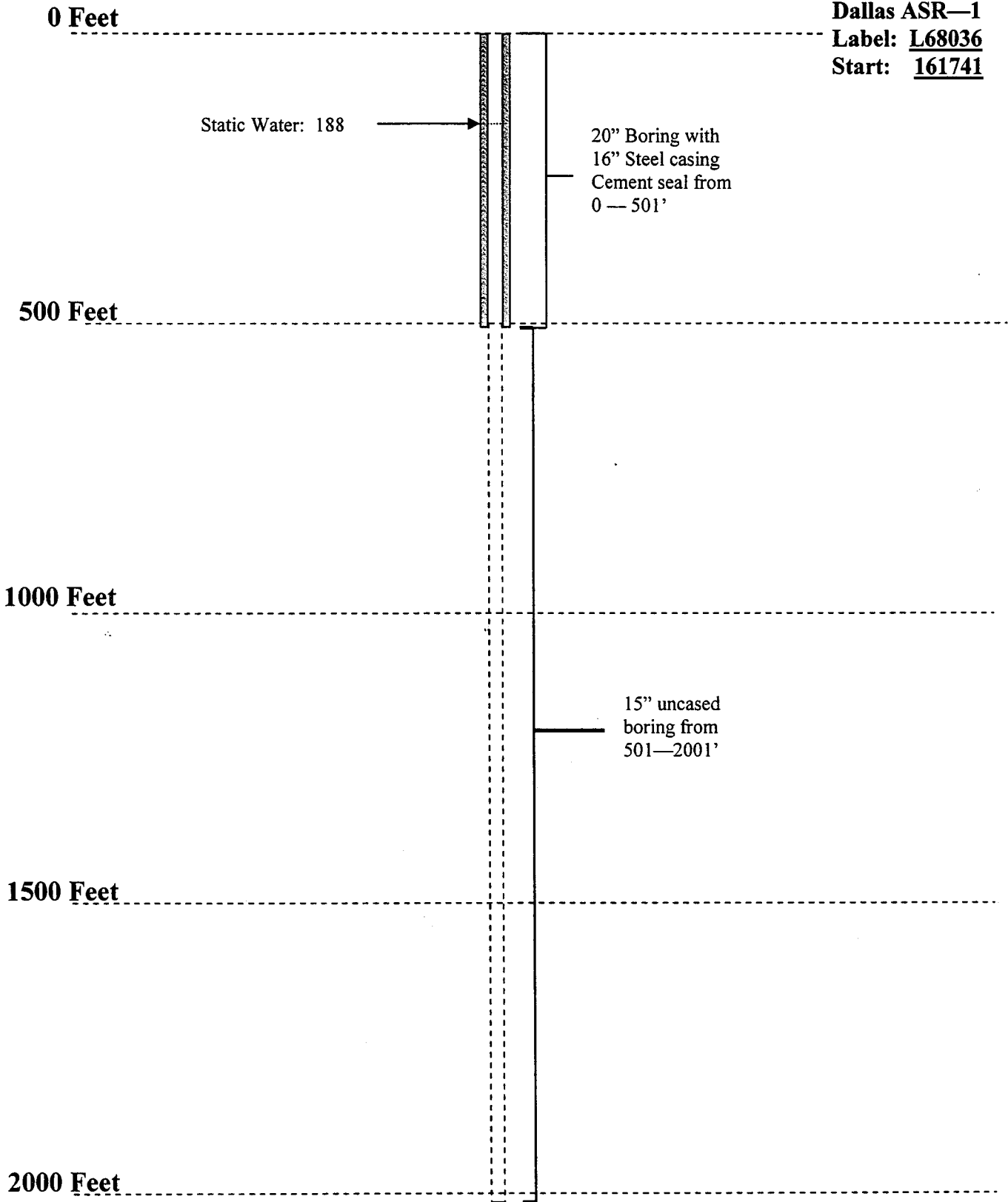
Gray & black siltstone & basalt w/ streaks of gray clay	1433	1445	188
Gray, green siltstone w/ streaks of gray clay and a basalt lense	1445	1480	188
Black basalt w/ gray & brown siltstone	1480	1495	188
Green & black siltstone w/ basalt & green claystone	1495	1510	188
Basalt w/ gray siltstone & streaks of gray claystone	1510	1522	188
Basalt w/ gray siltstone and white & brown quartz	1522	1536	188
Basalt w/ gray & green siltstone and streaks of gray clay	1536	1556	188
Black basalt w/ gray and green siltstone	1556	1569	188
Lens of soft grey sticky clay	1569	1570	188
Black basalt w/ gray & green siltstone and streaks fo gra y & brown clay	1570	1575	188
Black basalt w/ gray siltstone and quartz	1575	1587	188
Black basalt w/ gray siltstone and red claystone	1587	1590	188
Black basalt w/ gray and green siltstone and streaks of red claystone	1590	1618	188
Brown and green siltstone w/ white & green quartz	1618	1697	188
Siltstone - black, brown, green & gray speckles	1697	1715	188
Brown & red siltstone w/ streaks of red claystone and white & green quartz	1715	1758	188
Gray siltstone w/ streaks of gray claystone	1758	1772	188
Grey, green & red siltstone	1772	1779	188
Grey & green siltstone	1779	1791	188
Black basalt w/ gray & black siltstone and small seams of gray clay	1791	1793	188
Black, grey & red siltstone, small seams of basalt	1793	1808	188
Siltstone - grey & green	1808	1817	188
Red, green & gray siltstone w/ quartz	1817	1884	188
Black & gray siltstone w/ streaks of quartz	1184	1941	188
Brown & gray siltstone w/ green claystone & quartz (soft)	1941	1946	188
Black, grey & green siltstone w/ some quartz	1946	1967	188
Grey, red, brown & green siltstone w/ quartz	1967	1989	188
Black basalt w/ gray siltstone and small streaks of gray clay	1989	1998	188
Black basalt w/ gray & black siltstone and streaks of green claystone	1998	2001	188

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Dallas ASR—1
Label: L68036
Start: 161741



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