

YAMHILL  
52227

has required by ORS 537.753  
(1) OWNER: WATER RESOURCES DEPT.  
SALEM, OREGON 97305-007-2

Name: Neel Lumpkin  
Address: 1627 Eastlake Avenue, E  
City: Seattle State: WA Zip: 98102

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

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

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

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No  
Depth of Completed Well 466  
Explosives Used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			sacks or pounds
Diameter	From	To	Material	From	To	
10"	0	39'	benl chp	0	39'	18 bags
6"	39'	466'				

How was seal placed: Method  A  B  C  D  E  
 Other benl chips poured - probed  
Backfill placed from \_\_\_\_\_ to \_\_\_\_\_ Material \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_ Material \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ to \_\_\_\_\_ Size of gravel \_\_\_\_\_

(6) CASING/LINER:

CASING:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
6"	+1	39	250	<input checked="" type="checkbox"/>	<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"/>	<input type="checkbox"/>

LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
4"	-10'	466'	160#	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of Shoot(s): 39'  
(7) PERFORATIONS/SCREENS:  
 Perforations Method: sgw/cut  
 Screen Type: \_\_\_\_\_ Material: \_\_\_\_\_  
Slot \_\_\_\_\_ Tele./p/pe \_\_\_\_\_

From	To	Size	No.	Diameter	size	Casing Liner
386	466	1/8x8		4"	pipe	<input checked="" type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailor  Air  Flowing Artesian  
Yield gpm \_\_\_\_\_ Drawdown \_\_\_\_\_ Drill Stem at \_\_\_\_\_ Time \_\_\_\_\_  
15 \_\_\_\_\_ N/A \_\_\_\_\_ 465 \_\_\_\_\_ 1 hr \_\_\_\_\_

Temperature of water 57 Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done? \_\_\_\_\_ By whom: \_\_\_\_\_  
Did any strata contain water not suitable for intake? \_\_\_\_\_ (explain) \_\_\_\_\_

Depth of Strata: \_\_\_\_\_

ORIGINAL & FIRST COPY - Water Resources DEPT. SALEM, OREGON  
SECOND COPY - Constructor  
THIRD COPY - Customer

(9) LOCATION OF WELL by legal description:  
County: Yamhill Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_  
Township: 28 Range: 4W  
Section: 19 SW 1/4 NW 1/4  
Tax Lot: 400 Lot: \_\_\_\_\_ Block: \_\_\_\_\_ Subdivision: \_\_\_\_\_  
Street Address of Well (or nearest address) 12020 NW Pike Road, Yamhill, Or

(10) STATIC WATER LEVEL:  
22 Ft. below land surface Date 4/18/00  
Artesian pressure \_\_\_\_\_ lb. per sq. in. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
Depth at which water was first found 390

From	To	Est. Flow Rate	SWL
390	400	8 gpm	72
421	465	7 gpm	72

(12) WELL LOG: Ground Elevation: \_\_\_\_\_

Material	From	To	SWL
clay brwn soft	0	8	
basalt course grain gray/blk w quartz hard	8	145	
basalt course fract	145	190	
basalt light gray hrd fract	190	192	
sandstone hrd fine grain gray	192	194	
basalt fract hrd drk gray	194	196	
sandstone fine hrd gray	196	200	
shale firm to hrd gray w/fract	200	215	
shale firm to hrd w/sandstone	215	220	
basalt hrd course gray/bk w/quartz	220	235	
shale firm to hrd w/some sandstone/fract gray	235	242	
basalt hrd course gray/bk w/quartz - frac	242	290	
claystone hrd brwn/gray	290	294	
basalt hrd gray	294	299	
shale/claystone brwn/gray firm to hrd w/occ fract	299	310	
basalt med-hrd course gray w/quartz	310	330	
basalt hrd course drk gray w/quartz	330	368	
basalt hrd fract gray/bk/green w/quartz	368	379	
shale hrd brwn/gray	379	382	
basalt hrd gray/bk/green	382	390	
basalt bkn dark gray/bk/green w/quartz	390	400	72
basalt bkn less fract	400	421	
basalt bkn well fract	421	466	

ARROW DRILLING  
(503)538-4422

Date Started: 4/12/00 Completed: 4/13/00

(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 \_\_\_\_\_ Date \_\_\_\_\_ WWC Number \_\_\_\_\_

(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 John R. [Signature] Date 4-18-00 WWC Number 1483

RECEIVED  
JUL 18 2000