

**WATER WELL REPORT**  
STATE OF OREGON

**RECEIVED**

MAY 19 1981

WATER RESOURCES DEPT  
SALEM, OREGON

State Well No. 40S/18E-12 ab  
State Permit No. G-9464

*Lake 2745*  
*mc*

**(1) OWNER:**

Name PORTIello RANCH CO, INC  
Address RT 6 BOX 2420  
City LAKEVIEW, OREGON State \_\_\_\_\_

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary Air  Driven   
Rotary Mud  Dug   
 Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal:  Withdrawal  ReInjection

**(5) CASING INSTALLED:**

Steel  Plastic   
Threaded  Welded   
....." Diam. from +1 ft. to 135 ft. Gauge 350  
....." Diam. from ..... ft. to ..... ft. Gauge .....

**LINER INSTALLED:**

....." Diam. from ..... ft. to ..... ft. Gauge .....

**(6) PERFORATIONS:**

Perforated?  Yes  No  
Type of perforator used \_\_\_\_\_  
Size of perforations \_\_\_\_\_ in. by \_\_\_\_\_ in.  
..... perforations from ..... ft. to ..... ft.  
..... perforations from ..... ft. to ..... ft.  
..... perforations from ..... ft. to ..... ft.

**(7) SCREENS:**

Well screen installed?  Yes  No  
Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ Model No. \_\_\_\_\_  
Diam. \_\_\_\_\_ Slot Size \_\_\_\_\_ Set from ..... ft. to ..... ft.  
Diam. \_\_\_\_\_ Slot Size \_\_\_\_\_ Set from ..... ft. to ..... ft.

**(8) WELL TESTS:**

Drawdown is amount water level is lowered below static level  
Was a pump test made?  Yes  No If yes, by whom? INTERSTATE PUMP  
Yield: 2500 gal./min. with 16 ft. drawdown after 4 hrs.  
Air test \_\_\_\_\_ gal./min. with drill stem at \_\_\_\_\_ ft. \_\_\_\_\_ hrs.  
Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water 58 Depth artesian flow encountered ..... ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No   
Well seal—Material used CEMENT  
Well sealed from land surface to 135 ft.  
Diameter of well bore to bottom of seal 20 in.  
Diameter of well bore below seal 15 1/2 in.  
Number of sacks of cement used in well seal 135 sacks  
How was cement grout placed? PUMPED  
Was pump installed? \_\_\_\_\_ Type \_\_\_\_\_ HP \_\_\_\_\_ Depth \_\_\_\_\_ ft.  
Was a drive shoe used?  Yes  No Plugs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.  
Did any strata contain unusable water?  Yes  No  
Type of Water? \_\_\_\_\_ depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_  
Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
Gravel placed from ..... ft. to ..... ft.

**(10) LOCATION OF WELL:**

County LAKE Driller's well number \_\_\_\_\_  
NW 1/4 NE 1/4 Section 12 T. 40S R. 18E W.M. \_\_\_\_\_  
Tax Lot # \_\_\_\_\_ Lot \_\_\_\_\_ Blk \_\_\_\_\_ Subdivision \_\_\_\_\_  
Address at well location: \_\_\_\_\_

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 440 ft.  
Static level 47 1/2 ft. below land surface. Date 4/16/81  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 15 1/2  
Depth drilled 700 ft. Depth of completed well 700 ft.  
Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
SANDY BROWN TOPSOIL	0	7	
SANDY YELLOW CLAY	7	24	
MEDIUM GRAVEL	24	25	
SANDY BROWN CLAY	25	68	
SANDY GREEN SANDSTONE	68	128	
HARD BLACK TUFF	128	298	
HARD BLACK BASALT	292	296	
HARD BLACK TUFF	296	378	
STICKY GREY CLAY	378	412	
BLACK TUFF	412	440	
SANDY GREY CLAY WITH STREAKS BLACK SANDSTONE	440	508	
GREY CLAY & PUMICE	508	700	

Work started 3/11 1981 Completed 4/16 1981  
Date well drilling machine moved off of well 4/16 1981

**Drilling Machine Operator's Certification:**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] \_\_\_\_\_ Date 5/16, 1981  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 656

**Water Well Contractor's Certification:**

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
Name E.E. STORLEY & SON WELL DRILLING  
(Person, firm or corporation)  
Address 3847 HOPE ST. K FALLS  
[Signed] \_\_\_\_\_  
(Water Well Contractor)  
Contractor's License No. 601 Date 5/16/81, 19.....