

WATER WELL REPORT
STATE OF OREGON

RECEIVED

MAY 19 1981

WATER RESOURCES DEPT
SALEM, OREGON

State Well No. 405/18E-12 ab
State Permit No. G-9464

(1) OWNER:

Name PORTUELO 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 ☒
16" Diam. from +1 ft. to 135 ft. Gauge 250
" 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
Field: 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: ft.
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	440	508	
STREAKS BLACK SANDSTONE			
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] Don M. St... 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. STONEY & SON WELL DRILLING
(Person, firm or corporation) (Type or print)

Address 3847 HOPE ST. K FALLS

[Signed] Don M. St...
(Water Well Contractor)

Contractor's License No. 601 Date 5/16/81, 1981

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report
are to be filed with the

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

SP*12658-690