

**WATER WELL REPORT**  
STATE OF OREGON

**RECEIVED**

MAY 15 1984

WATER RESOURCES DEPT  
SALEM, OREGON

PLEASE TYPE or PRINT IN INK

Klamath  
14717

State Well No. 405/NE-336A

State Permit No.

**(1) OWNER:**

Name Pope Ranches Inc.  
Address Pope Road  
City Merrill, State Oregon  
97633

**(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   
Mud  Dug  Bored   
Thermal:  Withdrawal  ReInjection

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

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal:  Withdrawal  ReInjection

**(5) CASING INSTALLED:**

Steel  Plastic   
Threaded  Welded   
14" Diam. from 0 ft. to 46 ft. Gauge 250  
" Diam. from ..... ft. to ..... ft. Gauge .....

**LINER INSTALLED:**

12" Diam. from 0 ft. to 295 ft. Gauge 188  
" Diam. from ..... ft. to ..... ft. Gauge .....

**(6) PERFORATIONS:**

Perforated?  Yes  No  
Type of perforator used Tourch  
Size of perforations  $\frac{1}{4}$  in. by 12 in.  
90 perforations from 220 ft. to 280 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  
Is a pump test made?  Yes  No If yes, by whom? Valley Pump co  
Yield: 1200 gal./min. with 41 ft. drawdown after 4 hrs.  
" 1200 " 41 " 4 "  
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 75 Depth artesian flow encountered ----- ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No   
Well seal—Material used Cement  
Well sealed from land surface to 47 ft.  
Diameter of well bore to bottom of seal 18 in.  
Diameter of well bore below seal 14 in. to 295 [8 inch to 470]  
Number of sacks of cement used in well seal 15 sacks  
How was cement grout placed? Pumped in  
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 Klamath Driller's well number  
NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  Section 33 T. 4 Os R. 11E W.M.  
Tax Lot # Lot Blk Subdivision  
Address at well location: Merrill, Oregon  
Between Pope road and Dodds Hollow Rd

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

Depth at which water was first found 140 ft.  
Static level ~~119~~ 121 ft. below land surface. Date 5/10/84  
Artesian pressure ----- lbs. per square inch. Date -----

**(12) WELL LOG:**

Diameter of well below (liner) 8 inch  
Depth drilled 470 ft. Depth of completed well 470 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 Top Soil	0	8	
Semi Hard sand	8	10	
Brown Sand	10	12	
Brown Clay	12	30	
Yellow chalk or clay	30	65	
Brown clay	65	135	
Grey clay	135	140	
Black clay w/ hard seams	140	155	121
Grey clay	155	180	
Grey shale	180	230	
Grey lava rock broken	230	240	121
Black lava brocken	240	260	121
Cavey yellow clay	260	280	121
Brown hard sand stone	280	290	
Lava rock Black	290	300	
Red clay	300	365	
Red lava rock w/ cinders	365	385	121
Red & Black lava rock	385	430	121
Brocken black lava	430	450	121
Brown grey lava	450	455	121
Lose grey and black lava	455	470	121

Work started F b 23, 1984 Completed 5/8/84 1984  
Date well drilling machine moved off of well 5/8/84 1984

**(unbonded) Water Well Constructor Certification (if applicable):**  
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] Walter J. Wilson Date 5/10/84, 1984

**Bonded Water Well Constructor Certification:**  
Bond 28015660 Issued by: Western Security Co  
(number) Surety Company Name

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
Name Wilson DRILLING Cont. Inc.  
(Person, firm or corporation) (Type or print)  
Address P.O. Box 136, Merrill, Oregon  
[Signed] Walter J. Wilson Water Well Constructor  
Date 5/10/84, 1984