

ER WELL REPORT

STATE OF OREGON

RECEIVED RECEIVED OCT 26 1981 NOV 27 1981 WATER RESOURCES DEPT. OREGON 375/36E-2dc

Whitehorse Ranch

Address Fields State Oregon City 97710

(2) TYPE OF WORK (check): New Well [x] Deepening [] Reconditioning [] Abandon []

(3) TYPE OF WELL: Reverse Rotary (4) PROPOSED USE (check): Domestic [] Industrial [] Municipal [] Irrigation [x] Test Well [] Other [] Thermal: [] Withdrawal [] ReInjection []

(5) CASING INSTALLED: Steel [x] Plastic [] 20" Diam. from +1 ft. to 96 ft. Gauge .250

LINER INSTALLED: 20" Diam. from 116 ft. to 146 ft. Gauge .250

(6) PERFORATIONS: Perforated? [] Yes [] No Type of perforator used Size of perforations in. by in.

(7) SCREENS: Well screen installed? [x] Yes [] No Manufacturer's Name Roscoe Moss

(8) WELL TESTS: Drawdown is amount water level is lowered below static level a pump test made? [x] Yes [] No

(9) CONSTRUCTION: Special standards: Yes [x] No [] Well seal—Material used Cement Grout

Was pump installed? Type HP Depth ft. Was a drive shoe used? [] Yes [x] No

(10) LOCATION OF WELL: County Harney Driller's well number SW 1/4 SE 1/4 Section 2 T. 37S R. 36E W.M. Address at well location: Whitehorse Ranch

(11) WATER LEVEL: Completed well. Depth at which water was first found 9 ft. Static level 57' ft. below land surface. Date

(12) WELL LOG: Diameter of well below casing Depth drilled ft. Depth of completed well ft. Formation: Describe color, texture, grain size and structure of materials;

Table with 4 columns: MATERIAL, From, To, SWL. Rows include Gravelly Soil, Coarse Gravel, Boulders & Medium Sand, etc.

Work started July 7, 1981 Completed 19 Date well drilling machine moved off of well 19

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.

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. Pete Cope Drilling Co, Inc.

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 SP*12658-690 within 30 days from the date of well completion.

WATER WELL REPORT

STATE OF OREGON

RECEIVED RECEIVED 3/5/36-2dc

NOV 27 1981

OCT 26 1981

#12 - From 0' - 197' reverse rotary rig was used; From 197' - 1007' an air rotary rig was used

(1) OWNER: Whitehorse Ranch Name Address Fields City Oregon State

(2) TYPE OF WORK (check): 97710 New Well [x] Deepening [] Reconditioning [] Abandon []

(3) TYPE OF WELL: (4) PROPOSED USE (check): Rot. Air [x] Driven [] Domestic [x] Industrial [] Municipal []

(5) CASING INSTALLED: Steel [] Plastic [] Threaded [] Welded [] Diam. from ft. to ft. Gauge

(6) PERFORATIONS: Perforated? [] Yes [] No Type of perforator used Size of perforations in. by in.

(7) SCREENS: Well screen installed? [] Yes [] No Manufacturer's Name Type Model No. Diam. Slot Size Set from ft. to ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level. Yield: gal/min. with ft. drawdown after hrs.

(9) CONSTRUCTION: Special standards: Yes [] No [] Well seal—Material used Well sealed from land surface to ft.

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

(10) LOCATION OF WELL: County Harney Driller's well number SW 1/4 SE 1/4 Section 2 T. 37S R. 36E W.M. Tax Lot # Lot Blk Subdivision Address at well location: Whitehorse Ranch

(11) WATER LEVEL: Completed well. Depth at which water was first found 9 ft. Static level 57 ft. below land surface. Date 8-25-81

(12) WELL LOG: Diameter of well below casing 8" = 1007' Depth drilled 1007 ft. Depth of completed well 940 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.

Table with 4 columns: MATERIAL, From, To, SWL. Rows include Basalt-Grey Hard, Claystone - White, Basalt-Grey & Hard, Basalt - Brown & Hard, Basalt - Grey & Hard, Cinders - Red, Basalt - Grey & Hard, Basalt-Grey-Brn. & Green Por., Cinders - Red, Basalt-Grey & Brn. Porous, Volcanic Rock-Grey Med., Basalt-Grey Hard, Volcanic Rock-Grey Med., Volcanic Rock-Yellow Crumb, Volcanic Rock-Med. Grey & Green, Basalt-Grey Hard, Lava Rock-Ld. Brn., Lava Rock-Grey & White.

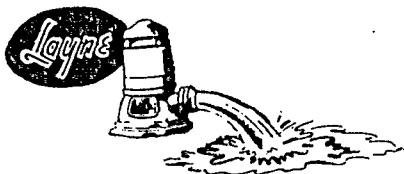
Work started 7-23-81 19 Completed 8-26-81 19 Date well drilling machine moved off of well 8-26-81 19

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] Steven J. Stadel Date 9/31, 19 81

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. Pete Cope Drilling Co., Inc. Name Address P. O. Box 561-Meridian, Idaho 83642 [Signed] Contractor's License No. 791 Date 9/31, 19 81

LAYNE OF IDAHO, INC.

P.O. BOX 1005



November 17, 1981

NAMPA, IDAHO 83651

375/36E-2dc

Harney
RECEIVED

NOV 27 1981

WATER RESOURCES DEPT
SALEM, OREGON

20-White Horse
Ranch

Pete Cope Drilling
P.O. Box 561
Meridian, Idaho 83642

Re; White Horse Ranch Well Test

Dear Pete,

Here is the results of the well test we performed
on 9/8-9/81 on the above well.

Well is 20" to 200' - 16" to 500' - 12" to 1000'
Static is 38'
Installed 400' of 8" Column and pump

Pumped	636 GPM	105'
	800 "	125'
	1100 "	145'
	1613 "	178'
	1689 "	240'
	1893 "	260' Cascading water

Very clean well

If we can be of further service please let us know.

Sincerely,

Norman D. Webb
Norman D. Webb
President

NDW:wc