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 JAN 31 1964  
 STATE ENGINEER

**WATER WELL REPORT**

State Well No. 37/36-13 N  
 State Permit No. \_\_\_\_\_

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

**(1) OWNER:**

Name Whitehorse Ranch Inc  
 Address Andrews, Oregon

**(2) LOCATION OF WELL:**

County Hornay Owner's number, if any— 7  
 1/4 Section 13 T. 37S R. 36E W.M.  
 Bearing and distance from section or subdivision corner  
Bearing from SW corner  
Sec. 13 N-01° 45' E  
776 feet.

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

New Well  Deepening  Reconditioning  Abandon   
 abandonment, describe material and procedure in Item 11.

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

Domestic  Industrial  Municipal  Rotary  Driven   
 Irrigation  Test Well  Other  Cable  Jetted   
 Dug  Bored

**(6) CASING INSTALLED:**

Threaded  Welded   
20" Diam. from 0 ft. to 19 ft. Gage 1 1/4"  
18" Diam. from 0 ft. to 40 ft. Gage 3/8"  
16" Diam. from 0 ft. to 240 ft. Gage 3/8"

**(7) PERFORATIONS:**

Perforated?  Yes  No  
 Type of perforator used Mills Mechanical  
 SIZE of perforations 28 in. by 3 in.  
6 per foot perforations from 230 ft. to 180 ft.  
4 per foot perforations from 180 ft. to 90 ft.  
 \_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 \_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(8) SCREENS:**

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

**(9) CONSTRUCTION:**

Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
 Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Was a surface seal provided?  Yes  No To what depth? 19 ft.  
 Material used in seal— cement  
 Did any strata contain unusable water?  Yes  No  
 Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
 Method of sealing strata off \_\_\_\_\_

**(10) WATER LEVELS:**

Static level 74 1/2 ft. below land surface Date 10/23/63  
 Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_

Log Accepted by: \_\_\_\_\_  
 [Signed] Whitehorse Ranch Inc. Date \_\_\_\_\_, 19\_\_\_\_  
 (Owner)

**(11) WELL TESTS:**

Drawdown is amount water level is lowered below static level  
 Was a pump test made?  Yes  No If yes, by whom? Nagata Co.  
 Yield: 400 gal./min. with 165 ft. drawdown after 1 hrs.  
 " " " "  
 " " " "  
 Bailer test gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Artesian flow g.p.m. Date \_\_\_\_\_  
 Temperature of water 55 Was a chemical analysis made?  Yes  No

**(12) WELL LOG:**

Diameter of well 16 inches.  
 Depth drilled 839 ft. Depth of completed well 593 ft.  
 Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Clay - yellow soft	0	19
Gravel - Brown	19	40
Clay w/ sandy streaks	40	145
Basalt - gray - hd.	145	155
Lava Rock - w/ streaks	155	430
Mellow and red clay	430	500
Basalt Gray very hd.	500	615
Red crystalline rock hd	615	680
Green shale	680	839
Volcanic gravel - conglomerate in color	680	839

This well plugged back from 839 to 593 as follows:  
 Gravel 839-739  
 Gravel and mud 739-680  
 Cement 680-636  
 Gravel and mud 636-608  
 Cement 608-593

Work started 6/21 1963 Completed 10/12 1963

**(13) PUMP:**

Manufacturer's Name \_\_\_\_\_  
 Type: \_\_\_\_\_ H.P. \_\_\_\_\_

**Well Driller's Statement:**

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME C. B. Drilling Co.  
 (Person, firm, or corporation) (Type or print)  
 Address Box 23, Crane, Oregon  
 Driller's well number \_\_\_\_\_  
 [Signed] St. C. Cunningham  
 (Well Driller)  
 License No. 271 Date \_\_\_\_\_, 19\_\_\_\_

Drilling Machine Operators Lic. # 256