

6-2233
6-1483
6-105
2992
1983
2473

MALH
2476

Note: Servicer is going to Re-settling of 400' Known as well # 6. Test with Winnimucca

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM 10, OREGON within 30 days from the date of well completion.

STATE OF OREGON
(Please type or print)

State Well No. 37/37-31C
State Permit No.

RECEIVED
FEB 25 1963
STATE ENGINEER
SALEM, OREGON

(1) OWNER:
Name Whitehorse Ranch Inc.
Address Andrews, Oregon

(11) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? servicer
Yield: 670 gal./min. with 200 ft. drawdown after 4 hrs. new

(2) LOCATION OF WELL:
County Malheur Driller's well number #76 401
1/4 Section 31 T. 37S R. 37E, W.M.
Bearing and distance from section or subdivision corner
South 45° 30' East 1660'
From the N.W. Section corner
5 Section 31, and is in lot 5.

Bailer test 150 gal./min. with 0 ft. drawdown after 1 hrs.
Artesian flow None g.p.m. Date 2/20-63
Temperature of water 90°F Was a chemical analysis made? Yes No

(3) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
 abandonment, describe material and procedure in Item 12.

(12) WELL LOG: Diameter of well below casing 15 1/4"
Depth drilled 1301 ft. Depth of completed well 1301 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.

(4) PROPOSED USE (check):
Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:
Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:
Threaded Welded
20" Diam. from 0 ft. to 20 ft. Gage 1/4"
18" Diam. from 0 ft. to 44 ft. Gage 3/8"
16" Diam. from 0 ft. to 207 ft. Gage 3/4"
10" Diam. from 727-8 to 1178-8 Gage 1 1/4"

MATERIAL	FROM	TO
Clay - Yellow - Sandy - Soft	0	5
Quick sand - Brown	5	9
Clay + Gravel - Yellow Soft	9	13
Clay + Gravel - Conglomerate	13	44
Basalt - Black - Hd.	44	67
Sand + Clay - Grey Soft	67	140
Lava Rock - Grey - Hd.	140	160
Shale - Blue - Soft	160	187
Lava - Dk Grey - Blk Hd	187	215
Lava + Ryolite Reddish Grey	215	265
Cinders + Gravel + Clay Red	265	280
Lava - Dark Grey - Hd	280	300
Basalt - Extra Hd	300	340
Cinders + Clay	340	345
Lava - Grey - Hd	345	375
Clay - Red - Sticky	375	378
Lava Grey - Med Hd	378	455
Shale - Green Sticky	455	461
Lava w/ shaker sd - strata	461	522
Shale - Grey - Sticky	522	530
Lava w/ streaks of sand	530	570
Shale - grey w/ white sand	570	615
Shale - Black	615	655
cont. on Attached sheet.		

(7) PERFORATIONS:
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.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

Work started Aug 15 1962 Completed Jan 20 1963
Date well drilling machine moved off of well Jan 24 1963
(13) PUMP: None
Manufacturer's Name _____
Type: _____ H.P. _____

(8) SCREENS:
Well screen installed Yes No
Manufacturer's Name _____
Model No. _____
Diam. Slot size Set from _____ ft. to _____ ft.
Diam. Slot size Set from _____ ft. to _____ ft.

(9) CONSTRUCTION:
Well seal—Material used in seal Cement
Depth of seal 20' ft. Was a packer used? No
Diameter of well bore to bottom of seal 22" in.
Were any loose strata cemented off? Yes No Depth 0-20
Was a drive shoe used? Yes No Not on Seal
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

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 H. C. Cunningham
(Person, firm or corporation) (Type or print)
Address Box 23, Crane, Oregon
Drilling Machine Operator's License No. 256
[Signed] H. C. Cunningham
(Water Well Contractor)
Contractor's License No. 271 Date 2-20 1963

(10) WATER LEVELS:
Static level 52 ft. below land surface Date 2/20-63
Artesian pressure _____ lbs. per square inch Date _____

37/37-31C well # (cont.)

Formation Log (cont)

	From	To
Lava Rock w/streaks of sand - Black-Hd	655	675
Sand w/Black shale - Conglom. Color	675	690
Lava Rock w/sand + Cravelly streaks	690	792
Shale - Green soft	792	820
Lava Rock w/Thin layers of Green Shale	820	830
Grey + Green shale w/streaks of sand	830	900
Rock - Brown w/streaks of sand + Brown sticky shale	900	925
Shale - Grey sandy	925	995
Sand w/Layers of Green sticky shale	995	1068
Shale - Grey + Green - sticky - soft	1068	1155
Lava - Black w/streaks of quartzitic sand	1155	1202
Shale - Blue sticky	1202	1205
Sandy Volcanic Cravel Conglomerate Color	1205	1285
Lava Black Hd.	1285	1301
		T.D.

RECEIVED
 FEB 25 1963
 STATE ENGINEER
 SALEM, OREGON

STATE ENGINEER
Salem, Oregon

MALH
3368

State Well No. 37/37-31D

County Malheur

Application No.

Well Log

Owner: Whitehorse Ranch Owner's No. 5495

Driller: Stewart, Ralph Date Drilled

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Clay - yellow, sandy, soft	0	5	5
Quicksand	5	9	4
Clay & gravel - yellow, soft	9	13	4
Gravel - w/clay - conglom.	13	44	31
Basalt - black - hard	44	67	23
Sand & gravel - gray - soft	69	140	71
Gray lava - hard	140	160	20
Blue shale - soft	160	187	27
Lava - dark gray & black	187	215	28
Lava & rhyolite - reddish brown - hard	215	265	50
Cinders - red w/gravel & clay, probably water	265	280	15
Lava - dark gray - hard	280	300	20
Basalt - black - hard, extra hard	300	340	40
Cinders & clay - conglom.	340	345	5
Lava - gray - hard	345	375	30
Clay - red- sticky	375	378	3
Lava - gray - medium hard	378	455	77
Shale - green - sticky	455	461	6
Lava - black - med. w/conglom. streaks sd. & sh.	461	522	61
Gray shale - sticky - soft	522	530	8
Lava - w/streaks of sand	530	570	40
Green shale - w/grains of white sand - sticky	570	615	45
Black shale - w/grains of sand	615	655	40
Lava rock - w/streaks of sand - black - hard	655	675	20

