

OREGON WATER RESOURCES DEPARTMENT  
VIDEOLOG INSPECTION FORM

Date: 11/12/20 Well ID Number: \_\_\_\_\_ Start Card: 1048876

Owner: Desert Springs Trout Farm (Bernie Burkholder)

Well Loc.: Township: 30 N/S, Range: 17 E/W, Section: 9, QIQ: SE/SW

Tax-Lot: 600, County: Lake

Street Address: 48413 Desert Spring Road, Summer Lake, OR

Well Information:

Date Constructed: \_\_\_\_\_ Well Constructor: Tom Search #1654 Lic. # 1654

Casing Size: 20" Casing Depth: 108.0' Perforations: None

Liner: None

Videolog Information:

Static WL: Artesian Total Depth: 139.8' Visibility: Very Good

Notes:

- 0840 - WDN AIR on-site
- Set-up
- 0855 - Tom Search on-site
- 0935 - Zeroed out camera w/0.00 @ G.S.
- 0942 - Start Video:

0.0 - 34.5 ⇒ Bare Casing

34.5 - 108.0 ⇒ Casing w/ Concrete adhered to inside of casing

126.5 - 127.5 ⇒ Little Void

133.1 - Top of Large Void

138.5 - Bottom of hole ⇒ upwelling sand - Not a hard bottom

form date: 3/96

Field Notes  
See Reverse for Video  
Review

# Video Review

<u>Feature</u>	<u>Time</u>
Setup/Troubleshoot	00:00 → 2:06
Steel casing from 0.0' → 25.4'	2:06 → 2:33
Concrete Rhind in 20" casing 25.4 - 108.0	2:33 → 6:39
- Particles rising out of hole w/ Art. flow @ 34.9'	2:51 → 3:45
Concrete Rhind w/ Windows of Native basin sediments 108.0' → 133.1'	6:39 - 15:18
- Bottom of casing	
- 108.9 Top of Suncell Void	7:21
- Ab. fractures w/ light mineralization @ 110.5' Bedded	7:30
- Particles rising from flow @ 110.5'	8:06 → 08:42
- Top of small void @ 115.4'	9:55
- Fractured sediments - Brecciated?	10:32, 10:59
Alternating cohesive and cohesionless beds (3"-6" thick) w/ cohesionless zones being tabular voids	11:34, 12:05
- Mud ball conglomerate layers @ 123.0'	12:06
- Good view of cohesive mud ball cong. layer w/ cohesionless sediment accumulation on top @ 123.4	12:29, 20:49
- Note rills in cohesionless brown sediment.	
- More massive (thicker bedded) below @ 125.5'	13:11
- Fractured/Disturbed bedding @ 129.4	14:39
- Large, Angular dark clast in F-grained matrix (Volcanic Ash??) @ 129.6	14:45
- <del>Fractured</del> View of large void below @ 133.1'	15:18, 20:08
Large Void between 133.1 and 139.8 (Both)	15:31 → 19:58
- Particles rising from flow @ 133.1 below	15:31 → 15:58
- Suspended/Doyant particles @ 136.7	16:25

<u>Feature</u>	<u>Time</u>
- Fractured/broken clasts in Void 136.8'	17:33
- Bottom of hole @ 139.8' - Soft bottom - heave	17:58
- 132.9 Note vague vertical fracture surface in left side of video that appears to cross borehole + is also contact between concrete + Native.	20:15 - 20:39
- Could be previous void filled w/ concrete	
- Note concrete in upper right 1/2 of view	20:39