

HARN
50481

START CARD # 122211

(1) OWNER: Well Number _____
Name c-c Ranch Larry Olson
Address 700 Port Ave
City St Helens State Oregon Zip 97051

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

☐ Rotary Air ☐ Rotary Mud ☒ Cable ☐ Auger
☐ Other _____

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other _____

Special Construction approval ☐ Yes ☒ No Depth of Completed Well 392 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

SEAL

Diameter	From	To	Material	From	To	Sacks or pounds
26	0	18	bentonit	0	18	24 sacks
23	18	350				
18	350	372				
16	372	381				

How was sealant placed? Method ☒ A ☐ B ☐ C ☐ D ☐ E

KK Other poured dry and tamped

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from 0 ft. to 392 ft. Size of gravel 3/8 nea

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	22	+1	20	.25	☒	☐	☒	☐
INNER:	16	+2	370		☒	☐	☒	☐
	14	360	380		☒	☐	☒	☐
	Liner:	12	365	385		☒	☒	☐
	10	352	392		☒	☒	☐	

Final location of shoe(s)

☒ Perforations Method factory cut
☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Line
110	350	1/8x3	14080	16		☐	☐
						☒	☒
						☐	☐
						☐	☐
						☐	☐

☐ Pump	☒ Bailer	☐ Air	☐ Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time
100	0		1 hr.

Temperature of water 60 Depth Artesian Flow Found

Was a water analysis done? ☒ No ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

County Harney Latitude _____ Longitude _____
Township 33S N or S Range 31E E or W. WM.
Section 4 NW 1/4 SE 1/4
Tax Lot 900 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Hart Mt Road

100 ft. below land surface. Date 1-17-00
Artesian pressure _____ lb. per square inch. Date _____

Depth at which water was first found 107

From	To	Estimated Flow Rate	SWL
107	350	900	100

Ground Elevation _____

Material	From	To	SWL
clay loam topsoil	0	1	
clay/sand coarse	1	107	100
gravel/sand	107	250	
clay yellow	250	270	
sand,coarse,fine	270	300	
sandstone brn	300	320	
sand fine	320	340	
sand,coarse,fine	340	350	
clay red sand	350	385	
conglomerate	385	392	
rock blk,conglomerate			
clay grey	392	405	

RECEIVED

JAN 24 2000

**WATER RESOURCES DEPT.
SALEM, OREGON**

Date started 11-29-99 Completed 1-17-00

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number

Signed _____ Date _____

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed Timothy K. Riley WWC Number 1424 Date 1-18-00