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STATE OF OREGON WATER SUPPLY WELL REPORT

WATER RESOURCES DEPT.
SALEM, OREGON

WELL I.D. # L L21271

START CARD # 098475

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number _____
Name Denny Land & Cattle Co.
Address HC 73 13738
City Burns State OR Zip 97738

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 540 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
20	0	20	cement	0	20	24 sacks
16	20	117				
14	117	540				

How was seal placed: Method A B C D E
 Other _____
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 16	+1	23	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	+1.5	117	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(7) PERFORATIONS/SCREENS:

Perforations Method factory cut
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tube/pipe size	Casing	Liner
97	117	1/8x4	960	14		<input checked="" type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time
1100	119	200	6/ hr.

Temperature of water 58 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: _____

(9) LOCATION OF WELL by legal description:
County Harney Latitude _____ Longitude _____
Township 24S N or S Range 27E E or W. WM.
Section 22 NE 1/4 NE 1/4
Tax Lot 300 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) South Ranch South

(10) STATIC WATER LEVEL:
27 ft. below land surface. Date 1-30-98
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 60

From	To	Estimated Flow Rate	SWL
80	217	300	27
281	354	400	27
400	520	400	27

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
topsoil clay loam	0	3	
gravel med	3	12	
clay gravel	12	42	
sand cemented	42	60	
clay gravel	60	78	
rock blk	78	128	
clay/sand, coarse brn	128	152	
sand coarse/clay	152	200	
claystone brn	200	205	
sandstone brn	205	217	
clay tan	217	245	
clay green	245	252	
clay tan	252	275	
clay yellow	275	281	
sandstone yellow	281	320	
sandstone greensigh	320	354	
clay grey	354	360	
clay green	360	400	
clay green sand	400	443	

Date started _____ Completed _____

(unbonded) Water Well Constructor Certification:
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.
WVC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:
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.
WVC Number 1424
Signed Timothy K. Rife Date 2-1-98

FEB - 4 1998

HARN 50251

STATE OF OREGON WATER RESOURCES DEPT. WATER SUPPLY WELL REPORT SALEM, OREGON (as required by ORS 537.765)

WELL I.D. # L 21271 START CARD # 098475

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number Name Denny Land & Lattice Co Address City State Zip

(2) TYPE OF WORK New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD: Rotary Air Rotary Mud Cable Auger Other

(4) PROPOSED USE: Domestic Community Industrial Irrigation Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well ft. Explosives used Yes No Type Amount

HOLE SEAL Diameter From To Material From To Sacks or pounds

How was seal placed: Method A B C D E Other

Backfill placed from ft. to ft. Material

Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Diameter From To Gauge Steel Plastic Welded Threaded Casing Liner

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: Perforations Screens Method Type Material From To Slot size Number Diameter Tele. size Casing Liner

(8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem at Time

Temperature of water Depth Artesian Flow Found Was a water analysis done? Yes By whom Did any strata contain water not suitable for intended use? Too little Salty Muddy Odor Colored Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Latitude Longitude Township N or S Range E or W. WM. Section 1/4 1/4 Tax Lot Lot Block Subdivision Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL: ft. below land surface. Date Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found

Table with columns: From, To, Material, SWL

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Rows include clay grey, cinders & pumice, clay green/cinders pumice, clay grey, cinders black, clay green.

Date started 1-2-98 Completed 1-30-98

(unbonded) Water Well Constructor Certification: 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

(bonded) Water Well Constructor Certification: 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. WWC Number 1424 Signed Date 2-1-98