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STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

WELL # LO1503

NOV - 4 1996

(START CARD) #
WATER RESOURCES DEPT.

41022

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

(1) OWNER: Well Number #2
Name RUNNING Y RANCH RESORT, INC
Address PO Box 1215
City REDMOND State OREGON Zip 97756

(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 645 ft.
Explosives used Yes No Type Amount

HOLE SEAL

Diameter	From	To	Material	From	To	Sacks or pounds
22	0	98	CONCRETE	0	62	250 SLS
15	98	512				
9 1/8	512	645				

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	62	.280	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 12 3/4	+1.5	303	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 3/8	303	606	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

Perforations Method FACTORY
 Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
SEE ATTACHED SHEET							

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

Yield gal/min	Drawdown	Drill stem at	Time
200		300	1 hr.

Pump Bailer Air Flowing
 Artesian

Temperature of water 55°F 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 KLAMATH Latitude Longitude
Township 38S N or S Range 7E E or W. WM.
Section 9 SW 1/4 SE 1/4
Tax Lot 100 Lot Block Subdivision
Street Address of Well (or nearest address) 10440 Highway 140 West
KLAMATH FALLS

(10) STATIC WATER LEVEL:
55 ft. below land surface. Date 10/3/96
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 79'

From	To	Estimated Flow Rate	SWL
79	604	200	

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
SEE ATTACHED SHEET			

Date started JULY 22, 96 Completed OCTOBER 3, 96

(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.
Signed _____ WWC Number _____ 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.
Signed _____ WWC Number #601 Date 10/26/96

STOREY DRILLING SERVICES

P.O. BOX 98 - MIDLAND, OREGON 97634
503/884-3990 / (800) 245-8122
CONTRACTOR'S LICENSES:
OR #601 / CA #583153 / NV #38199



Running Y Resort, Inc.
P. O. Box 1215
Redmond, Oregon 97756

START: July 22, 1996
FINISH: October 3, 1996

WELL LOCATION: Well #2 for Running Y Resort, Inc. development site 500 feet
north of HWY 140 about 6 miles west of Klamath Falls, Oregon.
SW $\frac{1}{4}$ SE $\frac{1}{4}$ S9 T38S R7E

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WATER RESOURCES DEPT.
SALEM, OREGON

LOG

0	-	7	Brown sandy clay topsoil
7	-	10	Decomposed lava
10	-	12	Black basalt
12	-	18	Grey basalt
18	-	34	Broken brown caving lava
34	-	50	Grey basalt
50	-	75	Broken bubbly brown lava
75	-	80	Grey basalt
80	-	97	Brown lava & cinders
97	-	105	Grey basalt
105	-	115	Hard brown broken lava
115	-	124	Grey basalt
124	-	126	Hard broken brown lava
126	-	131	Black basalt
131	-	138	Grey basalt
138	-	139	Hard broken black basalt
139	-	141	Grey basalt
141	-	146	Broken black lava
146	-	148	Hard black basalt
148	-	170	Broken black basalt
170	-	171	Black lava
171	-	176	Hard black basalt
176	-	201	Grey basalt
201	-	202	Broken black basalt
202	-	215	Grey basalt
215	-	226	Brown basalt
226	-	236	Bubbly black basalt
236	-	239	Grey basalt
239	-	244	Bubbly black basalt
244	-	268	Grey basalt
268	-	280	Decomposed brown lava with streaks yellow clay
280	-	304	Brown clay
304	-	563	Grey sticky clay
563	-	576	Black sandstone with streaks grey shale
576	-	589	Decomposed black lava
589	-	604	Grey basalt
604	-	645	Green clay

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WATER RESOURCES DEPT.
SALEM, OREGON

Running Y Resort, Inc.
Well #2

Log continued:

63 feet 3 inches of 16 inch O.D. x .250 wall steel casing set & cemented at 62 feet.

15 inch diameter hole drilled from 62 to 512 feet.
9 7/8 inch diameter hole drilled from 512 feet to 645 feet.

Well liner - 12 3/4 inch O.D. x .250 wall steel casing from 2 feet above ground level to 303 feet placed as follows:

solid casing	+2 feet to 118 feet
perforated casing	118 feet to 178 feet
solid casing	178 feet to 218 feet
perforated casing	218 feet to 238 feet
solid casing	238 feet to 278 feet
perforated casing	278 feet to 298 feet
solid casing	298 feet to 303 feet

- 6 5/8 inch O.D x .250 wall steel casing from 303 feet to 606 feet placed as follows:

solid casing	303 feet to 546 feet
perforated casing	546 feet to 606 feet.

Perforations:

Twenty foot sections of 12 3/4 inch O.D. steel casing is perforated with 25 rows of 38 slots per row with each slot measuring 1/8 inch by 3 inches.
Twenty foot sections of 6 5/8 inch O.D. steel casing is perforated with 8 rows of 38 slots per row with each slot measuring 1/8 inch by 3 inches.

Static water level is 55 feet with a temperature of 55 degrees Fahrenheit.
Water tested at 6 grains hardness with 0.6 PPM Iron and a pH of 8.

Test pumped _____ GPM at _____ feet.