

WELL DRILLER'S REPORT

PRINT OR TYPE ONLY

Please complete this form in its entirety

NOTICE OF INTENT NO. 10174

1. OWNER HERITAGE LAND & CATTLE COMPANY
 MAILING ADDRESS 575 HIGHWAY 88
GARDNERVILLE, NEVADA 89410
 ADDRESS AT WELL LOCATION HERITAGE RANCH
HIGHWAY 88 & FOOTHILL ROAD
 2. LOCATION SW 1/4 NW 1/4 Sec. 31 T. 12 N. S. R. 20 E DOUGLAS County
 PERMIT NO. 52030
 Issued by Water Resources Parcel No. Subdivision Name

3. TYPE OF WORK
 New Well Recondition
 Deepen Other
 4. PROPOSED USE
 Domestic Irrigation
 Municipal Industrial Test
 Stock 5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
sand & clay		0	10	10
sand & gravel		10	140	130
sandy clay		140	154	14
sand & gravel with thin clay layers	X	154	222	68
clay		222	232	10
sand with clay layers	X	232	258	26
clay		258	272	14
soarse sand & fine gravel	XX	272	378	106
clay		378	379	1

8. WELL CONSTRUCTION
 Diameter 24 inches Total depth 379 feet
 Casing record 16 inch OD x 1/4 inch wall
 Weight per foot 42.05 Thickness
 Diameter From To
16 inches +1 feet 379 feet
 Surface seal: Yes No Type CEMENT GROUT
 Depth of seal 50 feet
 Gravel packed: Yes No
 Gravel packed from 50 feet to 379 feet
1/8" x 1/4" QUARTZ PEBBLES
 Perforations:
 Type perforation MILLED
 Size perforation 3" x 1/8" SLOT DBL. STD. SPACING
 From 155 feet to 379 feet

Date started SEPTEMBER 10 1988
 Date completed SEPTEMBER 28 1988

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
1770	1000	266	23 1/2
1700	850	214	2

BAILER TEST
 G.P.M. Draw down feet hours
 G.P.M. Draw down feet hours
 G.P.M. Draw down feet hours

9. WATER LEVEL
 Static water level 12 feet below land surface
 Flow G.P.M. P.S.I.
 Water temperature Cold °F Quality Good

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name SARGENT IRRIGATION COMPANY
 Address 9955 NORTH VIRGINIA STREET RENO, NV 89506
 Nevada contractor's license number issued by the State Contractor's Board 21246
 Nevada contractor's driller's number issued by the Division of Water Resources 1391
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1482
 Signed Gene Mabel
 Date OCTOBER 18, 1988