

WELL DRILLER'S REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 10179

PRINT OR TYPE ONLY

1. OWNER Eureka County ADDRESS AT WELL LOCATION Diamond Valley PW
 MAILING ADDRESS County Courthouse Eureka, Nevada 89316
 2. LOCATION SE 1/4 SE 1/4 Sec. 28 T. 20 N/S R. 53 E. Eureka County
 PERMIT NO. W-290/52187 (can) Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
topsoil		0	6	6
sand & lg gravel		6	20	14
sandy clay & cemented sand		20	30	10
gravel & sandy clay layers		30	52	22
partly cemented gravel w/small clay layers		52	98	46
cemented gravel (hard)		98	99	1
sandy clay, sand & gravel		99	106	7
gray rock		106	108	2
sandy clay, sand & gravel		108	118	10
Partly cemented gravel & sand w/clay layers		118	130	12
sand & gravel partly cemented clay		130	142	12
clay		142	148	6
clay, sand & gravel layers		148	160	12
course sand & sandy clay		160	170	10
course sand & gravel partly cemented trace clay		170	188	18
clay & gravel layer		188	200	12
clay w/trace gravel		200	210	10
clay, gravel-partly cemented		210	230	20
course gravel w/trace clay		230	238	8
clay&gravel layers 40-60%		238	260	22
clay & gravel layers 50-50%		260	500	240

8. WELL CONSTRUCTION

Diameter 22 inches Total depth 500 feet

Casing record 16 O.D. x 1/4 MS

Weight per foot 42.05 Thickness _____

Diameter	From	To
<u>24</u> inches	<u>+1</u> feet	<u>53</u> feet
<u>16</u> inches	<u>+2</u> feet	<u>500</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type cement grout

Depth of seal 50 feet

Gravel packed: Yes No

Gravel packed from 50 feet to 500 feet

Perforations:

Type perforation RM 16" x 1/2" wire wrap screen

Size perforation _____

From 251 feet to 371 feet

From 375 feet to 495 feet

From _____ feet to _____ feet

From _____ feet to _____ feet

From _____ feet to _____ feet

Date started November 11, 19 88

Date completed December 16, 19 88

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
<u>1600</u>	<u>1207</u>	<u>84</u>	<u>48</u>

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 208 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 Contractor

Address P.O. Box 2646, Elko, Nevada 89801 Contractor

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 1403

Signed Merrick By driller performing actual drilling on site or contractor

Date January 13, 1989