

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

(Statutes 1939, chapter 178, section 7. See page 2 of this form)

LOG # 51843

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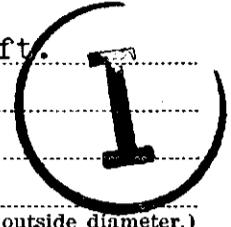
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STATE ENGINEER'S
OFFICE

PERMIT TO APPROPRIATE WATER, SERIAL NUMBER 10797

Permittee..... Henry A. Studwell..... Driller..... James Filby.....
 Address..... Den Road, Stamford, Conn..... Address..... P.O. Box 104, Las Vegas, Nevada.....
 Location of well..... SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 33 T. 20 S. R. 61 E. M.D.B. & M.....
 (Describe in legal subdivisions.)

Water will be used for..... Domestic & Irrigation..... Total depth of well..... 520 ft.....
 Size of drilled hole..... 8"..... Thickness of casing..... $\frac{1}{4}$ ".....
 Weight of casing per linear foot..... 10 $\frac{1}{2}$ lbs. per foot..... Quality of casing..... used.....
 Diameter and length of casing..... 375 6" O.D.....
 (Casing 12" in diameter and under give inside diameter; casing over 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. and pressure..... 50 G.P.M. / 20.79 ft.....
 If nonflowing well give depth of standing water from surface.....
 If flowing well describe control works..... 4" Gate.....
 (Type and size of valve, etc.)

Date of commencement of well..... 1925..... Date of completion of well..... 1925.....
 Type of well rig..... California Cable Tool.....



Screens, seals, plugs, grouts, etc.	Well diagram	Formations. State if dry or water bearing	Kind of casing, liner, shoe, etc.
Cemented with $\frac{1}{2}$ yd.	<p>DIAMETER OF PIPE AND WELL IN INCHES</p> <p>8' 6' 4' 2' 0' 2' 4' 6' 8'</p>	<p>1- 12 soil</p> <p>14--surface water</p> <p>12- 16 limestone</p> <p>16 - 300 layers of clay & limestone</p> <p>300- 330 clay</p> <p>330- 335 sand & flow</p> <p>335- 355 clay</p> <p>355- 375 clay & gravel</p> <p>375- 400 gravel & sand flow</p> <p>400- 500 clay</p> <p>500- 520 clay & casing sand</p>	<p>6" x 6" drive shoe</p> <p>Chief aquifer (water-bearing formation) from 375 to 400 ft.</p> <p>Other aquifers 330 - 335</p> <p>Casing perforated from 330 to 375 ft.</p> <p>Size of perforations $\frac{1}{4}$" by 2"</p>