

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

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

LOG 51555

PERMIT TO APPROPRIATE WATER, SERIAL NUMBER 10503

Permittee E. A. Clark Driller Bert Hairgrove
 Address Box 444 Las Vegas, Nevada Address _____
 Location of well E $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ S36 T20S R61E MDB&M
(Describe in legal subdivisions.)



Water will be used for Quasi-Municipal use Total depth of well 637 feet
 Size of drilled hole 12" to 150 feet 8" to 637 Thickness of casing .20"
 Weight of casing per linear foot 12# Quality of casing good used
 Diameter and length of casing 5 5/8" 437 feet
(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 .100 C.F.S. about 25#
 If nonflowing well give depth of standing water from surface _____
 If flowing well describe control works Well capped with 6" tee and reducers and controlled by two 3" valves
(Type and size of valve, etc.)

Date of commencement of well May 1940 Date of completion of well July 1940
 Type of well rig Armstrong Cable tools

Screens, seals, plugs, grouts, etc.	Well diagram	Formations. State if dry or water bearing	Kind of casing, liner, shoe, etc.
grout from 80' to surface	<p>DIAMETER OF PIPE AND WELL IN INCHES</p> <p>8' 6' 4' 2' 0' 2' 4' 6' 8'</p> <p style="text-align: right; font-size: small;">DEPTH OF PIPE AND WELL IN FEET</p>	<p>0-25' Clay & Gyp 25-80' Clay 80-85' Gravel 85-90' Rock 90-96' Clay 96-101' Rock 101-120' rock & Clay breaks 120-126' Rock 126-130' Clay 130-140' Rock 140-150' Clay 150-155' Rock 155-220' Red sandy clay 220-225' Quick sand (Water) 225-395' Red sandy clay 395-400' Sand 400-403' Yellow Clay 403-420' Blue clay 420-637' Red sandy & sticky clay (water)</p>	<p><u>6" thread and collars</u> Shoe from steel collar. Chief aquifer (water-bearing formation) from <u>220</u> to <u>225</u> ft. Other aquifers <u>420' to 637'</u> <u>small amounts of water all along</u> Casing perforated from <u>220</u> to <u>225</u> ft. Size of perforations <u>$\frac{1}{8}$ x 2"</u></p>