

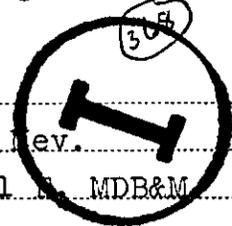
WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

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

Log # 51537

PERMIT TO APPROPRIATE WATER, SERIAL NUMBER 10713

Permittee Estella C. Beam Driller John Frewalt
 Address Box 1289, Las Vegas, Nevada Address Box 386, Las Vegas, Nev.
 Location of well SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 35, Twn 20, R. 61, MDB&M
(Describe in legal subdivisions.)
 Water will be used for quasi municipal Total depth of well 418 Feet.
 Size of drilled hole 8 inch Thickness of casing 8 in. od., 7 5/8 I.D. to 81 ft.
 Weight of casing per linear foot 16 lbs to ft. Quality of casing Standard 5"
 Diameter and length of casing 6 inch OD., 5 5/8 ID to 10 $\frac{1}{2}$ lb to foot to 310 feet deep
(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 60 gal. per minute, capped, 4 inch gate valve
 If nonflowing well give depth of standing water from surface _____
 If flowing well describe control works capped with 4 inch gate valve,
(Type and size of valve, etc.)
 Date of commencement of well Aug. 15, 1941 Date of completion of well Dec. 3, 1941.
 Type of well rig Star



Screens, seals, plugs, grouts, etc.	Well diagram	Formations. State if dry or water bearing	Kind of casing, liner, shoe, etc.
	DIAMETER OF PIPE AND WELL IN INCHES 8" 6" 4" 2" 0 2" 4" 6" 8" 	1 to 7 ft. soil 7 " 10 " lime and surface water, 10 to 20 ft. clay 20 " 30 " broken up sand stone, 30 Ft. to 81 ft. clay 81 to 90 ft. brown lime 90 " 100 " chalk lime showing artesian water 100 to 135 ft. clay and broken up sand stone, 135 to 200 ft. broken up sand stone and gravel showing artesian water, 200 to 220 ft. brown lime 220 " 250 " clay 250 " 300 " sand stone showing artesian water 300 to 418 clay	30 feet cement at top, 8" casing to 81 ft 5" 6" casing to 310 Ft limestone aquifer (water-bearing formation) from toft. Other aquifers Casing perforated from toft. Size of perforations