

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

FILED
OCT 6 1944
ENGINEER'S OFFICE

One Dollar filing fee must accompany this report

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

Log # 51670

PERMIT TO APPROPRIATE WATER, SERIAL NUMBER 10942 # 420

Permittee Theodore Michelas Driller A. W. House
 Address 227 S. St. Louis St. Las Vegas Nev. Address Box 15, Las Vegas, Nevada
 Location of well NE 1/4 SE 1/4 Sec. 4 T. 21 S. R. 61 E. M.D.B. & M. Lot 34 Blk. 14 Meadows Add.
(Describe in legal subdivisions.)
 Water will be used for Quasi-Municipal Total depth of well 650 ft.
 Size of drilled hole 8" Thickness of casing 3/16"
 Weight of casing per linear foot 22 lbs. Quality of casing used
 Diameter and length of casing 527 ft 7" I.D. 175 ft 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 43.3 G.P.M. 3 lbs pressure
 If nonflowing well give depth of standing water from surface _____
 If flowing well describe control works 4" Gate Valve
(Type and size of valve, etc.)
 Date of commencement of well Feb. 26, 1944 Date of completion of well June 7, 1944
 Type of well rig 71 Star Speeder



Screens, seals, plugs, grouts, etc.	Well diagram	Formations. State if dry or water bearing	Kind of casing, liner, shoe, etc.
20 sacks of cement	DIAMETER OF PIPE AND WELL IN INCHES 8" 6" 4" 2" 0" 2" 4" 6" 8" 	0 - 3 Soil 3 - 7 Gyp 7 - 12 Sand & Gravel Surface Water 12 - 15 Red Clay 15 - 21 Lime stone 21 - 30 Clay 30 - 35 Gyp. 35 - 44 Clay 44 - 51 Gyp 51 - 60 Sandy Clay 60 - 65 Gyp. 65 - 75 Clay 75 - 80 Gyp. 80 - 85 Clay 85 - 90 Sand stone 90 - 96 Lime stone 96 - 110 Clay 110 - 300 Layers of Gyp and Clay 300 - 314 Lime stone 314 - 370 Clay & Gyp. 370 - 391 Gravel-Water 391-397 Lime stone 397-420 Clay 420-424 Sand stone 424-427 Clay 427-430 Sand stone 430-490 Sandy Clay 490-519 Blue Clay 519-550 Red Sand 550-570 Quick Sand 570-643 Sandy Clay 643-647 Gravel-water 647-650 Clay	527 ft 7" I.D. 175 ft 6" O.D. Liner 8" by 5 Bit Steel drive shoe Chief aquifer (water-bearing formation) from 370 to 391 ft. Other aquifers 643 to 647 Casing perforated from 374 to 386 ft. from 620 to 650 ft. Size of perforations 1/2" by 2" 1/16 by 6"

is affirmative. The state engineer at any time may hold a hearing on his own motion, or upon petition signed by a representative body of users of underground water in any area or subarea, to determine whether the water supply within such area or subarea is adequate for the needs of all permittees and all vested-right claimants, and if the determination is negative the state engineer shall order that withdrawals be restricted to conform to priority rights during the period of shortage.

SEC. 11. The state engineer, his assistants or authorized agents and the artesian well supervisor, or his assistants, shall have the right to enter the premises of any owner or proprietor where any well mentioned in this act is situated at any reasonable hour of the day for the purpose of investigating and carrying out his or their duties in the administration of this act.

SEC. 12. Any person violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined in a sum of not less than ten (\$10) dollars nor more than two hundred fifty (\$250) dollars, or by imprisonment in the county jail not exceeding three months, or by both such fine and imprisonment.

SEC. 13. Each section of this act and every part of each section is hereby declared to be an independent section, or a part of a section, and the holding of any section or part thereof to be void or ineffective from any cause shall not be deemed to affect any other section or any part thereof.

SEC. 14. All acts and parts of acts in conflict herewith, and that certain act entitled "An act to provide a law for the casing and capping of artesian wells, defining the underground waters which are governed by the laws relating to the appropriation of the public waters of the state, providing a penalty for the violation of the provisions of this act, and prescribing the duties of the district attorneys in relation thereto," approved March 24, 1915, being sections 7987 to 7993, both inclusive, N. C. L. 1929, and as amended, approved April 1, 1935, as amended, approved March 24, 1937, be and the same are hereby repealed.

SEC. 15. This act shall be effective upon its passage and approval.

Remarks.....
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I hereby certify that I have read the answers to the foregoing questions and that same are true to the best of my knowledge and belief.

Theodore Michelas
Permittee.

(SEAL)

Subscribed and sworn to before me this 25 day of July, 1944
Glenda M. Ransdel
Notary Public in and for the County of Clark, State of Nev
My commission expires My Commission expires December 2, 1947

THIS SPACE TO BE USED FOR FUTURE INFORMATION CONCERNING FLOW AND OTHER DATA