WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

(Statutes 1915, p. 323; as amended, Stats. 1935, p. 389; Stats. 1937, p. 325. See page 2 of this Form.)

Log #51830

PERMIT TO APPROPRIATE WATER, SERIAL NUMBER 10465

Permittee Robert B. Saunders Driller James L. Filbey

Address Box 937 Las Vegas, Nev. Address Las Vegas, Nevada

Location of well Lot 9 Block 2 Sunset Park Add. in NE¼ NE¼ NE¼ Sec. 27, T. 21S., R. 61 E.
(Describe in legal subdivisions.)

Water will be used for Domestic purposes Total depth of well 200'

Size of drilled hole 4 inch Thickness of casing

Weight of casing per linear foot 16# Quality of casing Standard

Diameter and length of casing 90' - 4" casing Top 65 ft. set in concrete
(Casing 12" in diameter and under give inside diameter; casing over 12" in diameter give outside diameter.)

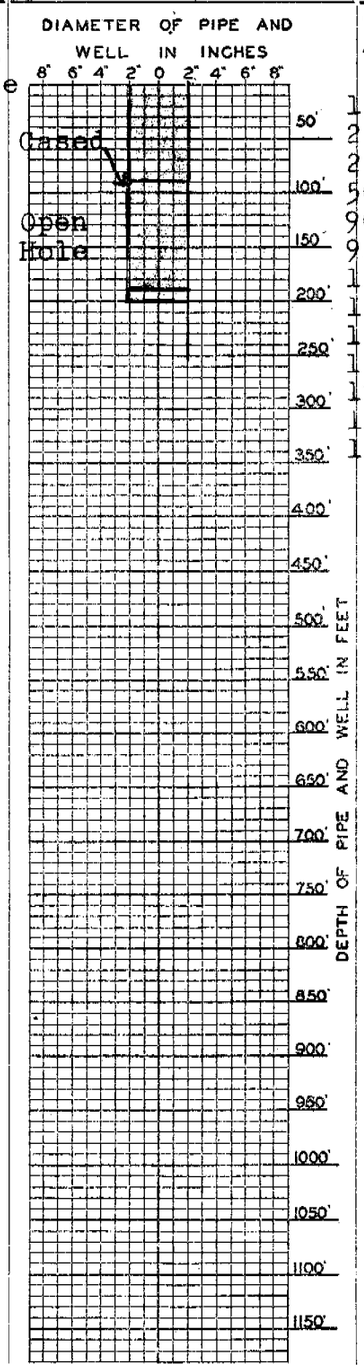
If flowing well give flow in c.f.s. and pressure 0.036 c.f.s. (16 G.P.M.)

If nonflowing well give depth of standing water from surface

If flowing well describe control works 4 inch standard gate valve
(Type and size of valve, etc.)

Date of commencement of well Jany. 7, 1940 Date of completion of well Jany. 18, 1940

Type of well rig

Screens, seals, plugs, grouts, etc.	Well diagram	Formations. State if dry or water bearing	Kind of casing, liner, shoe, etc.
Top 65' of casing set in concrete		0-4 Sandy loam 4-8 Gravel & Sand 8-15 Limestone 15-25 Broken Limestone & Clay 25-27 Surface water in gravel 27-50 Clay & Limestone 50-90 Red Clay 90-92 Green Clay 92-114 Red Clay 114-118 Broken Lime - Water 118-125 Red Clay 125-150 Red Clay & Limerock 150-175 Broken Limerock 175-185 Limerock & Red Clay 185-190 Red Clay 190-200 Sand & Gravel - Flowing water	Standard Casing with shoe

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WELL LOG AND REPORT TO STATE ENGINEER OF NEVADA

Under
Permit to Appropriate Water

Serial No.

STATE OF NEVADA
ENGINEER'S OFFICE

Filed

Permittee

Address

OFFICE
STATE ENGINEER
JUL 13 '40
RECEIVED
ANS.

Remarks

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.

Robert B. Saunders
Permittee.

Subscribed and sworn to before me this 1st day of July, 1940

Notary Public in and for the County of Clark, State of Nevada

My commission expires Jan. 23, 1942 John R. Hemphili (SEAL)

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

INSTRUCTIONS TO PERMITTEES

Pursuant to Statutes 1915, p. 323; as amended, Stats. 1935, p. 389; Stats. 1937, p. 325, of an Act relating to the conservation and control of underground water, any person desiring to appropriate water from a proven artesian water basin in Nevada must first make application and receive a permit from the State Engineer to appropriate the water.

The procedure in making application to the State Engineer for permission to appropriate water and the subsequent steps leading up to the granting of a permit or the denial of said application is set forth in sections 59 to 65, inclusive, of the Water Law of Nevada, as amended.

Following the granting of a permit to appropriate water in a proven artesian basin and within thirty days following the completion of the well, whether a flowing or nonflowing well, the permittee is required by law to submit to the State Engineer the answers to the questions set forth in this form and same must be verified under oath.

The cross-sectional diagram in the second column is for the convenience of the permittee or his agent in showing in a diagrammatical way the diameter and depth of the drilled well, size of casing and manner in which it is placed in said well. Each space in a horizontal direction on the diagram represents one inch and each space in a vertical direction represents ten feet. For example, a twelve-inch diameter well three hundred feet deep would be indicated on the diagram by inking in the vertical lines six spaces each side of the center line for a distance of thirty spaces in a vertical direction.

Most of the information required in this form is obtained by the well driller who drills the well, and said driller should be given a copy of this form and requested to place the required data thereon.

AN ACT RELATING TO THE CONSERVATION AND CONTROL OF UNDERGROUND WATER

An Act to provide a law for the conservation of underground waters, providing 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, p. 323; as amended, Stats. 1935, p. 389; Stats. 1937, p. 325.]

SECTION 1. All underground waters, save and except percolating water, the course and boundaries of which are incapable of determination are hereby declared to be subject to appropriation under the laws of the state relating to the appropriation and use of water.

SEC. 2. Every person desiring to sink or bore an artesian well in any proven artesian basin in the state shall first secure from the state engineer a permit to appropriate water. Applications for permit to appropriate artesian water shall be subject to all the provisions heretofore adopted for the appropriation of water as set forth in sections 59 to 91, inclusive, of the water law of Nevada as amended. During the process of sinking or boring an artesian well the permittee shall cause to be placed in such well a proper and sufficient casing, approved by the state engineer, so arranged as to prevent the caving in of such well, and to prevent the escape of water therefrom through any intervening sand or gravel stratum, and shall provide the necessary valves, plugs, or other appliances to prevent or control the flow of water from such well and prevent the loss of underground water above or below the ground surface. That said permittee shall cause to be kept a log of the depth, thickness and character of the different strata penetrated, together with the data pertaining to the work, when begun, when finished, the amount, size and weight of casing, and how placed, size of drilled hole, when sealed and type of seal, name of well driller and type of machine used, the number of cubic feet per second or gallons per minute of flow from such well when finished, above the top of casing, and pressure thereof if same be a flowing well, all of which shall be verified under oath, on forms prescribed by the state engineer, and furnished to the state engineer within thirty days following the completion of said well, and to be made a permanent record of this office.

SUPERSEDED BY 1939 ACT

SEC. 3. No person controlling an artesian well shall suffer or permit the waters thereof to flow to waste, unless, and so far as reasonably necessary, to prevent the obstruction thereof, or to flow or to be taken therefrom, save for beneficial purposes.

SEC. 4. The state engineer shall administer this act and shall prescribe all necessary rules and regulations for such administration. The state engineer may require periodical statements of water elevations, water used and acreage on which water was used from all holders of permits and claimants of vested rights; shall find as to whether there is unappropriated water in the area affected, and shall issue permits only if such finding 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 permitters and all vested right claimants; if the finding is negative, the state engineer shall order that withdrawals be restricted in order of priority during the period of shortage.

SEC. 5. Any officer of the county or state shall have the right to enter the premises of any such owner or proprietor, where any such well is situated, at any reasonable hour of the day, for the purpose of investigating any matters in connection with this act.

SEC. 6. Any person violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and on conviction thereof shall be fined in a sum not exceeding two hundred and fifty dollars ($250), and not less than ten dollars ($10), or by imprisonment in the county jail not exceeding six months, or by both such fine and imprisonment.

SEC. 7. The word "person," as used herein, shall be interpreted to mean any firm, partnership, association, company, or corporation.

SEC. 8. It is the intention of the legislature, by the exercise of the police powers of the state, to prevent the waste of underground waters and pollution and contamination of the underground water supply, and provide for the administration of the provisions of this act by the state engineer who is hereby empowered to make such reasonable rules and regulations as may be necessary for the proper and orderly execution of the powers conferred by this act.

Remarks.....

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.

Robert B. Saunders
Permittee.

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