

DEEPEN

LOG 51602

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

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

51602  
FILED

AUG 12 1946  
STATE ENGINEER'S OFFICE

PERMIT TO APPROPRIATE WATER, SERIAL NUMBER 11550

Permittee: Frank E. and Olga Gowen  
Address: 1030 Franklin Las Vegas, Nevada  
Location of well: SW 1/4 NE 1/4 Sec. 12 T., 20 S. R. 60 E. M.D.B. & M.  
Driller: Las Vegas Drilling Co.  
Address: 131 N. 11th St., Las Vegas, Nev.  
(Describe in legal subdivisions.)

Water will be used for: Irrigation and Domestic  
Total depth of well: 665'  
Size of drilled hole: 12"  
Thickness of casing: 3/8"  
Weight of casing per linear foot: 32lb.  
Quality of casing: Used Cond. Good  
Diameter and length of casing: 8" 654'  
(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  
If nonflowing well give depth of standing water from surface: 28' Aug. 1, 1946 1952  
If flowing well describe control works  
Date of commencement of well: July 12, 1946  
Date of completion of well: July 25, 1946  
Type of well rig: Okell Portable Rotary Type

Screens, seals, plugs, grouts, etc.	Well diagram	Formations. State if dry or water bearing	Kind of casing, liner, shoe, etc.
Cemented area		6' Surface Form. 6 16' Hard Pan. 22 10' White Clay 32 14' Caliche & Clay. 46 16' " & Gravel 62 189' Red Clay & Lime Stks. 251 6' Blossand. 256 10' Lime & Clay. 266 24' Gravel & Clay Stks. 290 49' Hard Gravel. 339 16' R.C. & Fine Gravel. 355 122' R.C. & Lime Stks. 477 43' Cemented Gravel. 520 26' R.C. & Gravel. 546 11' Hard Gravel. 557 40' R.C. & Gravel 597 11' Congl. & Sand. 608 37' R.C. & Gravel 645 15' Clay, Sand & Gravel 660 3' Brn. & Green Clay. 663	8" -10 thd. Cond Good. Plain End.
Perforated Area		Chief aquifer (water-bearing formation) from 482' to 611' ft.	
Perforated area		Other aquifers 325'-360' 631' - 654'	
Perforated area		665 - 670 Cement gr 670 - 690 Red Clay 690 - 750 Cement Gravel 750 - 905 Sand & Gravel 905 - 925 Hard line	
		6" liner 93' long placed in well perforated 1947	
		Deepened by Crilbs 1952	
		Drillers: Knight Oakley	
		Casing perforated from 482'-611' ft. 325'-360', 631'-654' 200' to 240', 280'-300', 320'-350'	
		Size of perforations 1/4" x 6"	

ly 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.

Frank E. Gowen

Permittee.

6" LINER 98'

....., 19.....  
....., State of.....

it was necessary to shut off 30 ft. of blue clay

AND OTHER DATA

- 665 to 670 Cement gravel
- 670 690 Red Clay
- 690 850 Cement gravel
- 850 905 Sand Rock
- 905 925 Hard lime rock

Deepening of Frank Gowen Well 1952

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Feb. 23 1952  
Wollenzine well  
Kump, [unclear]  
52.5 RPM, 27' D.D.

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