

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

SAME AS LOG # 6560  
 ✓ Log No. 6998  
 Rec. JAN 30 1963  
 Well No. \_\_\_\_\_  
 Permit No. 18614  
 Do not fill in

Owner Art McKay Driller W.L. McDonald

Address Box 30; Gerlach, Nevada Address 669 Apple St.; Reno, Nev. Lic. No. 363

Location of well: 1/4 NW 1/4 Sec. 36, T. 25 N, R. 23 E, in Washoe County  
 or \_\_\_\_\_

Water will be used for irrigation purposes Total depth of well 627 feet

Size of drilled hole 12" (well was 328' deep Weight of casing per linear foot 22.4 lbs. per ft.  
 originally deepened from 328' to 627' - reducing to 12" at the 328' level)  
 Thickness of casing 1.88 wall Temp. of water average

Diameter and length of casing 12" inside diameter  
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure \_\_\_\_\_

If nonflowing well give depth of standing water from surface Static water level- 108'

If flowing well describe control works \_\_\_\_\_  
 (Type and size of valve, etc.)

Date of commencement of well March 23, 1962 Date of completion of well April 17, 1962

Type of well rig Bucyrus Erie 24-I

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
328	345	17	Yellow clay (inconsistently sticky)	Chief aquifer (water-bearing formation)
345	352	7	Coarse sand & fine gravels to 1/4" with 70% silt	from <u>345</u> to <u>352</u> ft.
352	375	23	Porous black rock-weathered	Other aquifers <u>391 to 395</u>
375	391	16	Yellow clay- hard & sticky	Possibly some
391	395	4	Coarse sand and fine gravels to 1/4"	water from the shale
395	450	55	Yellow clay- sometimes hard and sticky	but very little.
450	512	62	Brown shale- sometimes almost grey in color- sometimes almost very sandy	
512	518	6	Blue shale- sticky	First water at <u>345</u> feet.
518	555	37	Brown shale- hard and sticky	
555	557	2	Grey or blue shale- very hard	Casing perforated
557	569	12	Brown shale- hard & sticky	from <u>320</u> to <u>480</u> ft.
569	574	5	Brown shale- soft and sandy	
574	616	42	Brown shale- soft- some white sand	
616	627	11	Brown shale- hard	Size of perforations <u>1/4" wide by 2 1/2" long.</u> <u>12" casing perforated from 320' to 480';</u> <u>6 cuts per row/ 1 row every 15"</u>

