

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 2953
 Rec. March 20 1968
 Well No. _____
 Permit No. 22976
Do not fill in

Owner 25 COOPERATION Driller W.L. McDonald
 Address BATTLE MOUNTAIN, NEVADA Address 1715 Trabert Way, Sparks Lic. No. 493
 Location of well: SE 1/4 SW 1/4 Sec. 1, T.32 N/8, R.45 E, in LANOER County
 or Permit # 22976

Water will be used for Irrigation purposes Total depth of well 300'

Size of drilled hole 16" Weight of casing per linear foot 42.05 lbs.

Thickness of casing .250 wall Temp. of water WARM

Diameter and length of casing 16" OD in random lengths to 24'
(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 13'

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

Date of commencement of well 10 January, 1968 Date of completion of well 5 February, 1968

Type of well rig Cable tool Bucyrus Erie 22-W

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	6	6	Topsoil	
6	22	16	Sandy yellow clay	
22	28	6	Fine to coarse sand w/ rounded gravels to 2"-very loose & clean	Chief aquifer (water-bearing formation) 213 to 289 ft.
28	29	1	Soft, sandy blue clay	
29	53	24	Fine to coarse sand w/ semi-rounded to rounded gravels to 3/4"- some inconsistant silt lenses or streaks mixed	Other aquifers 53-78, 120-160
53	65	22	Same as 29-53 only very clean- no silt	
65	78	13	Fine to coarse sand w/ rounded gravels to 3/8"- very clean	
78	91	13	Fine to coarse sand w/ approx. 1% silt & rounded gravels to 3/4"	First water at 22 feet.
91	120	29	Soft sandy blue clay	
120	160	40	Hard blue clay- sometimes sticky some sand & small gravels to mixed from 131' to 160'	Casing perforated from 55 to 90 ft.
160	180	20	Soft sandy blue clay	Mills Knife: 2 1/2" X 5/16"
180	188	8	Hard & soft sandy blue clay	4 cuts per rd / 1 rd ev 12" 127-268
188	205	17	Hard blue clay	Fact. perf.: 1/8" X 3" 16 cuts per rd / 1 rd ev 5" 268-290
				Torch perf.: 1/8" X 4" 8 cuts per rd / 1 rd ev 8"

(OVER)

2 February, 1968

Blossom Drill Site: Drawdown test

Power unit: 6;71 GMC Diesel

Pumping unit & setting: Western 8" deep well turbine
207' setting

SWL: 13'

PWL 60'	350 GPM
PWL 70'	500 GPM
PWL 83'	600 GPM
PWL 93'	680 GPM
PWL 105'	760 GPM
PWL 118'	850 GPM
PWL 129'	940 GPM
PWL 144'	1,060 GPM
PWL 157'	1,140 GPM
PWL 173'	1,230 GPM
PWL 188'	1,320 GPM
PWL 205'	1,400 GPM