WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 1141
Rec. 12/19 1949
Well No.
Permit No. 12896
Do not fill in

Owner HOWARD TORLEY. Driller J J BARRY
Address DIXIE VALLEY Address FALLON NEV Lic. No. 1.
Location of well: N.W. ¼ NE ¼ Sec. 19, T 21 N/S, R 35 E, in CHURCHILL County
or ON APPROX LINE N & S OF SEC 19 - 570 FT. E OF W LINE BOUNDARY
Water will be used for IRRIGATION Total depth of well 173
Size of drilled hole 20 & 8 IN Weight of casing per linear foot 28.5
Thickness of casing 10 GA Temp. of water 65 DEG
Diameter and length of casing 14 & 4 OD 24 FT JTS.
(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 FLOWING 100 GALS PER HR.
If nonflowing well give depth of standing water from surface SURFACE
If flowing well describe control works NONE
(Type and size of valve, etc.)
Date of commencement of well NOV 4 - 1949 Date of completion of well DEC 5 1949.
Type of well rig ROTARY.

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	15	15	SURF SILT.
15	20	5	FINE SAND
20	31	11	COARSE SAND
31	35	4	GRAVEL ¼ IN MESH.
35	37	2	SHALE
37	41	4	SAND & GRAVEL
41	50	9	GRAVEL & SMALL BOULDERS
50	65	15	SMALL BOULDERS
65	72	7	CLAY & SAND MIXED
72	95	13	GRAVEL & BOULDERS
95	125	30	SHALE & SAND
125	140	15	CLAY
140	173	33	COARSE GRAVEL
IN STREAKS			OF CONGLOMERATE
173			BOULDER OR ROCK

Water-bearing Formation, Casing Perforations, Etc.
PERF ¼ IN SLOTS 8"

Chief aquifer (water-bearing formation)
from 15 to 173 ft.

Other aquifers ARTESIAN FLOW FROM 140 TO BOTTOM.

First water at 15 feet.

Casing perforated
from 25 to 145 ft.

Size of perforations
¼ X 8 in SLOTS

(OVER)

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
14 IN	SURF	155	155	DRILLED 8 IN TEST HOLE TO 175 FT. REAMED TO 20 IN DIA " TO 155 "
WELL TO BE CLEANED BY AIR JET & GRAVEL PACKED				CASING WELDED & PUT IN HOLE WASHED WELL 2 DAYS THRU DRILL PIPE

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL FLOWING UPON LEAVING (100 G PER HR)

SHOULD MAKE 1000 GPM WELL BY PUMPING IF PROPERLY CLEANED =

WELL DRILLERS STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed [illegible] Well Driller

By .....

License No. 1

Dated DEC 15, 1949

(Not to be filled in by Driller)