Brandywine Well

Brandywine - LVVW.

Log No. 27120
Rec. 19
Well No.
Permit No. 27858

Do not fill in

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Las Vegas Valley Water District

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY WELL # 38

Owner: BOULDER DO WATER CO. LVVWD Driller: ALLEN WATER WELL SERVICE CO.

Address: 5017 Alta Drive W038 Address: 911 So. Main St. Lic. No. 40

Location of well: NW NW SW ¼ ¼ Sec. 35, T. 20 N/S, R. 60 E, in Clark County

or Permit 27858 138-35-312-078

Water will be used for: Quasi-municipal Total depth of well: 883

Size of drilled hole: 26" 0-100 20" to bottom Weight of casing per linear foot: 58 and 54 lbs.

Thickness of casing: conductor 1/4 wall liner 5/16" Temp. of water:

Diameter and length of casing: 16" 0 to 883'
(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: 267

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

Date of commencement of well: 5/7/62 Date of completion of well: 7/10/62

Type of well rig: Rotary rig.

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	47	47	cemented conglomerate
47	56	9	loose sand and gravel
56	127	71	cemented gravel.
127	138	11	loose sand and fine gravel
138	227	89	cemented gravel
227	234	7	loose sand and gravel
234	291	57	cemented gravel
291	309	18	loose gravel
309	347	38	cemented gravel
347	462	115	cemented gravel with streaks of loose gravel 6"-18" wide.
462	484	22	cemented gravel
484	690	206	loose gravel between cemented gravel lenses.
690	712	22	coarse sand and fine gravel
712	738	26	coarse sand
738	802	64	gravel
802	833	31	coarse sand
833	847	14	cemented gravel
847	868	21	gravel
868	883	15	cemented gravel

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 484 to 833 ft.

Other aquifers 291-309
347-462 847-868

First water at 291 feet.

Casing perforated
from 392 to 883 ft.

Size of perforations
5/32 x 1½" 16 rows around.

919

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.
22"	0	100	100	conductor pipe cemented in place.
16"	0	883	883	machine perforated liner with the top 392' blank.

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

2064 GPM 292 foot.

WELL DRILLER'S STATEMENT

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

Signed ALLEN WATER WELL SERVICE CO.
Well Driller

By [signature]

License No. 40

Dated 9/12/62, 19

(Not to be filled in by Driller)