WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 5204
Rec. JUNE 1 19 60
Well No.
Permit No. 17248
83A Do not fill in

Owner: Melvin E. Berry — Driller: James E. Davis

Address: Homedale, Idaho — Address: Winnemucca, Nev. — Lic. No. 4309

Location of well: SE ¼ SW ¼ Sec. 21, T. 42 N/~~S~~, R. 37 E, in Humboldt County

or

Water will be used for: irrigation — Total depth of well: 425

Size of drilled hole: 16 inch — Weight of casing per linear foot

Thickness of casing: 56 ft of 10 gua. of 3/16" — 312 ft — Temp. of water: 56° F.

Diameter and length of casing: 16½" OD without collars
(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: 54 ft

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

Date of commencement of well: April 7, 1955 — Date of completion of well: May 19, 1960

Type of well rig: Keystone - churn type

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	3	3	silt loam top soil
3	7	4	sand + clay
7	32	25	sand, clay + gravel
32	34	2	sand + gravel
34	56	22	sand, clay + gravel
56	62	6	sand + gravel - some clay
62	67	5	sand + gravel
67	88	21	sand + clay
88	96	8	sand, clay + gravel
96	115	19	sand + gravel - some clay
115	160	45	sand, clay, + gravel
160	170	10	clay
170	194	24	sand + gravel
194	208	14	clay + gravel
208	224	16	clay + large gravel
224	234	10	clay + gravel
234	238	4	sand + gravel
238	240	2	clay + small gravel

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from ..... to ..... ft.

Other aquifers

First water at 47 feet.

Casing perforated

from 62 to 330 ft.

Size of perforations

3/8 x 1½ (Mills perf.)
10 perforations around
6 in. intervals down

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
240	243	3	small gravel
243	290	47	clay, sand, small gravel
290	314	24	clay, sand, gravel
314	320	6	sand + gravel - small amt. clay.
320	335	15	sand, clay, gravel
335	350	15	very fine sand
354	395	41	clay, sand, small amt. imbedded gravel
395	425	35	clay - some sand
			Well materials largely decomposed granite -- sand + clay.

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
16 in.	312	368	56	10 guage Calif hard red casing 4 ft. lengths
16 in	ground surface	312	312	3/16" blue annealed casing 6 ft. lengths
				5/8 x 8 drive shoe

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

Pumping test: duration 13 hrs pumping
1850 GPM @ 140 ft. lift.
54 ft static water level.
well still developing -- didn't clear up.

WELL DRILLER'S STATEMENT

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

Signed James E. Davis
Well Driller

By Marvin R. Hetrick
driller

License No. 4309

Dated May 24, 1960

(Not to be filled in by Driller)

1960 MAY 31 AM 9 52

ENGINEER
OFFICE