WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 3809
Rec. June 27 1957
Well No.
Permit No. 17366-22
Do not fill in

Owner: Frank McCleary
Address: Paradise Valley, Nevada
Driller: Dave McNinch
Address: Box 585 Winnemucca, Nevada
Lic. No. 219

Location of well: NW¼SW¼ Sec. 19, T. 40 N/S, R. 40 E, in Humboldt County

or

Water will be used for: Irrigation
Total depth of well: 436'

Size of drilled hole: 17"
Weight of casing per linear foot: 30 LBS.

Thickness of casing: 8 ga.
Temp. of water: cold

Diameter and length of casing: 16 1/2 285' 14 1/2 285 to 436
(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: 8'

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

Date of commencement of well: Feb. 1, 1957
Date of completion of well: April 1, 1957

Type of well rig: #71 Speed Star cable tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	4	4	black soil
4	9	5	clay subsoil
9	16	7	hard clay
16	21	5	cemented gravel
21	43	22	loose gravel
43	61	18	fine gravel & sand
61	80	19	cemented gravel
80	87	7	fine gravel & sand
87	103	16	cemented gravel
103	116	13	loose coarse gravel
116	132	16	cemented gravel
132	148	16	big loose gravel
148	176	28	tight clay & gravel
176	184	8	big loose gravel
184	212	28	fine loose gravel
212	220	8	hard yellow clay
220	287	67	big loose gravel
287	340	77	fine gravel & sand
340	348	8	yellow clay
348	428	80	fine clean gravel
428	431	3	hard clay
431	436	5	adobe dirt

OFFICE STATE ENGINEER
1957 JUN 27 AM 10 16
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1957 JUL 15 AM 8 11

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 348 to 428 ft.

Other aquifers: all loose gravel stratas

First water at 21 feet.

Casing perforated
from 24 to 436 ft.

Size of perforations
3/8 X 2 slots
approx. 50 per.ft.

W. L. McDONALD CO.
WATER WELL ENGINEERING & CONSTRUCTION
1715 TRABERT WAY SPARKS, NEVADA 89431
TELEPHONE 358-3585

21 May, 1969

SUBJECT: ~~Test pump~~ report and drawdown figures for attached well log.

SWL: 6'
PWL 76' @ 1,116GPM
PWL 88' @ 1,374GPM
PWL 95' @ 1 ,546GPM
PWL 105' @ 1,632GPM
PWL 116' @ 1,889GPM
PWL 127' @ 2,061GPM
PWL 138' @ 2,405GPM
PWL 148' @ 2,662GPM
PWL 168' @ 3,092GPM

The above figures were compiled upon termination of a 24 hour continuous well test.

Upon termination, the discharge was sand free. Water quality appeared to be satisfactory; however, no quality test was performed. The discharge did appear to be exceptionally cold.

It may be interesting to note that thru-out the pumping period the discharge produced a considerable amount of fossilized twigs. This material is felt to have been coming from the silty clay areas: 350-435'.

The above report has been compiled and submitted by:

W.L. McDonald- owner
W.L. McDonald & Co.

Nev. Cont.Lisc.#9767
Nev. Drill. Lisc.#493

WLM/wlm

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.
I6I/2	0	285	285	
I4I/2	280	436	I56	

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

tested well with I00' 8" pump I2" bowls water pulled down to 30' quick will stand I200 per min from 48' wellmakes I00 gals per min per ft from 48' to 59' which is as far as I could lower it water recovers immediatly to 30' takes few minuts to recover to 8'
Ran pump test I0 hours

WELL DRILLER'S STATEMENT

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

Signed Johnson & McNinch
Well Driller

By [illegible]

License No. 2I9

Dated June I, 19 57

Box [illegible]

(Not to be filled in by Driller)