Need log

Southern

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 6791
Rec. Oct. 18 1962
Well No.
Permit No. 22018 ?
Do not fill in

Owner: NEVADA POWER COMPANY
Driller: PHELPS PUMP & EQUIPMENT CO.
Address:
Address: 400 E. COLLEGE AVE. Lic. No. 98

Location of well: SW ¼ NE ¼ Sec. 10, T21 X N/S, R 62 E, in CLARK County

or

Water will be used for: COMMERCIAL
Total depth of well: 715'

Size of drilled hole: 19½" to 412' -9 7/8" from 412' to 715'
Weight of casing per linear foot:

Thickness of casing: .250 wall thickness
Temp. of water:

Diameter and length of casing: 12 3/4" O.D. X 412'
(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:

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

Date of commencement of well: JUNE 8, 1962
Date of completion of well: AUGUST 17, 1962

Type of well rig: CABLE TOOL & ROTARY

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	6		SAND & ALLUVIAL FILL
6	20		LIMESTONE (caliche) & GRAVEL
20	42		SAND & GRAVEL
42	50		CLAY
50	80		SAND & GRAVEL
80	102		CLAY
102	165		CLAY & GRAVEL
165	170		ROCK
170	182		CLAY & GRAVEL
182	202		CLAY
202	229		RED CLAY
229	290		CLAY
290	295		ROCK
295	300		CLAY
300	310		WHITE CLAY
310	330		WHITE CLAY & SANDSTONE
330	340		RED CLAY
340	350		WHITE, RED & GREEN CLAY
350	365		GREEN CLAY
365	370		GREEN TO GRAY CLAY
370	412		GREEN CLAY
412	415		WHITE CLAY
415	425		WHITE CLAY, SAND & GRAVEL
425	432		GREEN CLAY
432	465		BLACK CLAY
465	472		LIMESTONE
472	515		RED BED CLAY
515	715		GYPSUM

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 50 to 80 ft.

Other aquifers
102 - 165
170 - 182

First water at 20 feet.

Casing perforated
from 50 to 80 ft.

Size of perforations
MILLS KNIFE

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.
12 3/4" O.D.	x2'	412'	414'	GROUT SEAL AT 375' INSIDE PIPE GROUT SEAL AT 190' OUTSIDE PIPE GRAVEL 185' to 90' GROUT SEAL 90' to 85' GRAVEL 85' to 50' GROUT 50' to SURFACE 150 GPM @180'

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

As of this date, this is still a test well. No permit to my knowledge.

WELL DRILLER'S STATEMENT

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

Signed PHELPS PUMP & EQUIPMENT CO.
Well Driller

By Lloyd R. Lemon

License No. 98

Dated October 16, 1962

(Not to be filled in by Driller)

1962 OCT 18 AM 9 33

STATE ENGINEER