This well was Deepened

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2198 (2058) old Log
Rec. MARCH 13 1953
Well No.
Permit No. 13256
Do not fill in

Owner: Henry Barnes (Ruby Thelma Barnes) Driller: E. H. Smalley Drilling Co.

Address: 1010 Lawson Road, Bakersfield, Calif. Address: 3330 Mile St. Bakersfield, Calif. Lic. No. 143

Location of well: NW SW ¼ NW ¼ Sec. 34, T. 1 N/S, R 35 E, in Esmeralda County

or approx. 150 feet East & 1500 feet South of N. W. corner of property

Water will be used for: Irrigation Total depth of well: 263' ground level

Size of drilled hole: 12 5/8 Weight of casing per linear foot: 19#

Thickness of casing: 10 gauge med steel Temp. of water:

Diameter and length of casing: 12" I. D. in 12' length. Bottom 263 feet.
(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: 18 feet

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

Date of commencement of well: Date of completion of well:

Type of well rig: Rotary

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
70'	80'	10'	silty sand
80'	103'	23'	fine sand, possibly water
103'	130'	27'	medium sand, water
130'	190'	60'	course sand, water
190'	210'	20'	clay, possible, some bentinite mixed with mud, mud jelled no sample
210'	230'	20'	course sand & gravel should carry water
230'	235'	5'	very hard sand & gravel conglomerate
235'	263'	28'	Medium to course sand should carry water

Samples taken every ten feet from 70' to 263'----------

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 130' to 190' ft.

Other aquifers
from 210' - 230'
from 235' - 263'

First water at feet.

Casing perforated
from 58' to 263' ft.

Size of perforations
1/8" - 2"S, 16R - 2"S

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"ID	0	58	58 blank	Gravel packed from surface to bottom 263ft.
12"ID	58	263	205 perf.	24 tons of 3/8 by 3/4 gravel
				Well has not been test pumped.

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

Hole had been started by some other driller to 68'

Hole had caved in to within 12' of surface. Cleaned out same to 68' and drilled on to 263', run 12" I D casing. Washed well clean. Run pump 8-8" bowls tubed to 119' 8" tubing. Bottom of bowls 89'- 30' tail.

WELL DRILLERS STATEMENT

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

Signed E N Smalley Drilling Co
Well Driller

By E N Smalley

License No. 143

ed 3/9, 1953

OFFICE STATE ENGINEER
MAR 13 53
RECEIVED
ANS.

(Not to be filled in by Driller)