WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 5332
Rec. July 18, 1960
Well No.
Permit No. 12454
Do not fill in

Owner A. E. Hosack — Driller A. E. Hosack & Son

Address Orovada, Nevada — Address Nampa, Idaho — Lic. No. 62

Location of well: SE ¼ SE¼ Sec 32, T 43 N/S, R 37E, in Humboldt County

or

Water will be used for Irrigation — Total depth of well 678

Size of drilled hole 12" — Weight of casing per linear foot 12"-45#, 8"-25#

Thickness of casing 12"-.330", 8"-.277" — Temp. of water

Diameter and length of casing 132' of 12" ID-677' of 8" ID pipe
(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 50'

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

Date of commencement of well Jan 11, 1949 — Date of completion of well Oct 25, 1949

Type of well rig Cable Tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	8	8	Soil
8	48	40	Brown Sandy Clay
48	82	34	Brown muddy sand
82	95	13	Sand Stone
95	116	21	Brown muddy sand
116	130	14	Brown sand stone
130	153	23	Muddy sand
153	155	2	Sand & Pea gravel
155	179	18	Muddy sand
179	186	7	Gray clay
186	189	3	Sand & pea gravel
189	200	11	Muddy sand
200	202	2	Sand & pea gravel
202	218	16	Brown clay
218	222	4	Cemented gravel
222	234	12	Sand clay
234	240	6	Coarse muddy sand
240	304	64	Sandy brown clay
304	310	6	Dry sand
310	413	103	Brown clay
413	419	6	Coarse sand & pea gravel
419	444	25	Brown clay
444	450	6	Sand & pea gravel
450	568	118	Clay
568	575	7	Cemented gravel
575	595	20	Brown clay
595	600	5	Cemented gravel
600	612	12	Brown clay

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 130 to 179 ft.

Other aquifers 186 - 202

650-660 95-116

665-676 234-240

413-419

444-450

First water at 50 feet.

Casing perforated

from 580 to 672 ft.

Size of perforations

5/16" X 3", 6" centers

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
612	632	20	Sand stone & brown clay
632	655	23	Clay
655	660	5	Small gravel & sand
660	665	5	Brown clay
665	67 6	11	Small gravel & sand
676	678	2	Brown clay

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
12"	0	132	132	12" casing was drove to 132' then 12" open hole was drilled 675' and 8" casing was set in the 12" hole to 677'
8"	0	677	677	

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

Well furnished 600 G.P.M. @ 85' total lift with 8" casing perforated from 580' to 672'. The 12" casing is not perforated

WELL DRILLERS STATEMENT

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

Signed A. E. Horack & Son
Well Driller

By Clifford E. Horack

License No. 62

Dated July 16, 1960

(Not to be filled in by Driller)

1960 JUL 18 AM 9 35

STATE ENGINEER
OFFICE

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Duplicate

Same as 5332

Log No. 5332
Rec. APRIL 6, 1949
Well No.
Permit No. 12754
Do not fill in

Owner Allen E. Hosack Driller A.E. Hosack & Son

Address Orovada, Nevada Address Nampa, Idaho Lic. No. 62

Location of well: SE ¼SE ¼ Sec. 32, T. 43 N/8, R37 E, in Humboldt County

or

Water will be used for Irrigation Total depth of well 678'

Size of drilled hole 12" Weight of casing per linear foot 12" - 45#, 8" - 25#

Thickness of casing 12" - .330" & 8" - .277" Temp. of water

Diameter and length of casing 132' of 12" I.D. casing & 677' of 8" I.D. casing.
(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 50'

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

Date of commencement of well Jan. 11, 1949 Date of completion of well Oct. 25, 1949

Type of well rig 71 Star with cable tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	8	8	Soil
8	48	40	Brown clay
48	82	34	Brown Muddy sand
82	95	13	Sandstone
95	116	21	Brown muddy sand
116	130	14	Brown sandstone
130	153	23	Muddy sand
153	155	2	Sand & pea gravel
155	179	18	Muddy sand
179	186	7	Gray clay
186	189	3	Sand & pea gravel
189	200	11	Muddy sand
200	202	2	Sand & pea gravel
202	218	16	Brown clay
218	222	4	Cemented gravel
222	234	12	Sandy clay
234	240	6	Coarse muddy sand
240	304	64	Sandy brown clay
304	310	6	Dry sand
310	413	103	Brown clay
413	419	6	Coarse sand & pea gravel
419	444	25	Brown clay
444	450	6	Sand & pea gravel
450	568	118	Clay
568	575	7	Cemented gravel
575	595	20	Brown clay
595	600	5	Cemented gravel

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 130 to 179 ft.

Other aquifers 95 - 116
186 - 202
234 - 240
413 - 419
444 - 450
650 - 660
665 - 676

First water at 50 feet.

Casing perforated

from 580 to 672 ft.

Size of perforations

8" casing - 5/16"x3" with 6" centers & 4 slots to the round.

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
600	612	12	Brown Clay
612	632	20	Sandstone & clay
632	655	23	Clay
655	660	5	Small gravel & sand
660	665	5	Brown clay
665	676	11	Small gravel & sand
676	678	2	Brown clay

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
12"	0	132	132	The 12" casing was drove to 132' then 12" open hole was drilled to 677'and 8" casing was set in the 12" hole to 677'. (Will finish perforating 8" casing & gravel packing same.
8"	0	677	677	

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

Well furnished 600 G.P.M. @ 85' total head with 8" casing perforated only from 580' to 672'. The 12" casing is not perforated.

WELL DRILLERS STATEMENT

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

Signed A.E. Hosack & Son
Well Driller

By Clifford E. Hosack

License No. 62

Dated March 31, 1953

OFFICE STATE ENGINEER APR 6 53 RECEIVED

(Not to be filled in by Driller)