WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2373
Rec. Sept. 2 19 53
Well No.
Permit No. 14559
Do not fill in

Owner: Oreana Development Co. Driller: T. G. Sheppard

Address: Lovelock, Nevada Address: Uionville, Nevada Lic. No.

Location of well: NE ¼ NW ¼ Sec. 27, T. 29 N/S, R. 33 E, in Pershing County

or

Water will be used for: Irrigation Total depth of well: 270'

Size of drilled hole: I4" Weight of casing per linear foot: 48# and 28.4

Thickness of casing: 5/I6 and 3/I6 Temp. of water: 58 degrees

Diameter and length of casing: I4" to 202' 8" open hole 202 to270

(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: 92 foot

If flowing well describe control works:

(Type and size of valve, etc.)

Date of commencement of well: Febuary 7, I953 Date of completion of well: March I6, I953

Type of well rig: Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	27	27	Silt and boulders
27	33	6	Gravel and boulders
33	40	7	Gravel
40	5I	II	Clay and boulders
5I	63	I2	Clay and gravel
63	69	6	Course gravel
69	75	6	Red clay
75	8I	6	Clay and boulders
8I	97	I6	Clay
97	I03	6	Clay and gravel
I03	II2	9	Gravel and bouldees
II2	II8	6	Clay and gravel
II8	I2I	3	Gravel Water raised to 96'
I2I	I33	I2	Clay and fine gravel tight
I33	I37	4	Clean med. size gravel water raised to 92'
I37	I53	I6	Clay, gravel and boulders
I53	I67	I4	Clay and boulders
I67	I7I	4	Course gravel water
I7I	I87	I6	Clay and gravel
I87	I93	6	course gravel water
I93	I97	4	Clay and gravel
I97	20I	4	Clay and gravel tight
20I	204	2	course gravel
204	270	66	Red rock or cement gravel very hard

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from I33 I37 to I67 I7I ft.

Other aquifers II8 I2I
I87 I93
20I 204

First water at II8 feet.

Casing perforated
from I0 to 202 ft.

Size of perforations
I/8 by 4 inch
Ten to the foot

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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.
5/I6 by I4"	202	I49	53	
3/I6 by I4"	I49	0	I49	

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

Test pump set at 200 feet and pumped for about 30 hours till water cleared. Measured 250 GPM from I42 feet. This was maximium capacity even drawed from pumps bouls.

Treated well with Cagon applications of 300 pounds which was dissolved and poured down pump column thenn surged to surface every four hours twelve times for 48 hours. Then comenced pumping gradual till water cleared. Measured 250 GPM from II4 feet. We were also able to pump up to 400 GPM from I77 feet and it appeared to still improving.

WELL DRILLER'S STATEMENT

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

Signed T. G. Sheppard
Well Driller

By.....

License No.....

Dated September 8, 1953

(Not to be filled in by Driller)