

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 9280
 Rec. Nov. 28 1966
 Well No. _____
 Permit No. 23496

Do not fill in

Owner Pasquale-Richards Driller W.L. McDonald

Address P.O. Box 2; Paradise Valley, Nev. Address 1720 Trabert; Sparks, Nev. Lic. No. 495

Location of well: NE 1/4 NE 1/4 Sec 14, T. 42 N, R. 39 E, in Humboldt County

or Permit # 23496

Water will be used for irrigation purposes Total depth of well 500'

Size of drilled hole 16" Weight of casing per linear foot 43 lbs.

Thickness of casing 281 wall Temp. of water normal

Diameter and length of casing 16" A.D. in random lengths to 20'
 (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'

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

Date of commencement of well Sept. 24, 1966 Date of completion of well November 12, 1966

Type of well rig Bucyrus-Erie 22-w Cable tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	5	5	Loamy topsoil	
5	11	6	Fine to coarse sand with rounded gravels to 4" & approx. 2% silt	Chief aquifer (water-bearing formation)
11	13.5	2.5	Rounded cobbles & boulders to 12"- some coarse sand	from <u>100</u> to <u>?</u> ft.
13.5	22	8.5	Fine to coarse sand w/ rounded gravels to 1 1/2" & some yellow clay lenses	Other aquifers due to the formations & their consistancy it is almost impossible to determine the chief aquifer & its prominent contributors - it generally looked promising
22	65	43	Fine to coarse sand w/ rounded gravels to 3" & some inconsistent streaks of sand & gravel mixed with yellow clay	First water at <u>33'</u>
65	75	10	Fine to coarse sand w/ rounded gravels to 2" - some streaks of sandy yellow clay to 8" in thickness	Casing perforated
75	105	30	Fine to coarse sand w/ semi-rounded gravels to 2" & approx. 2% silt - few inconsistent yellow clay lenses	from <u>100'</u> to <u>495'</u> ft.
105	115	10	Soft yellow clay	<u>100-395: 8 cuts per row / 1 row every 12"</u>
115	118	3	Fine to coarse sand w/ semi-rounded gravels to 1" - very clean & loose	<u>396-495: 8 cuts per row / 1 row every 14"</u>
118	120	2	Soft yellow clay	
120	140	20	Fine to coarse sand w/ semi-rounded gravels to 1 1/2" & approx. 2% silt - occasional rounded gravels to 3"	Mills knife: <u>5/16" x 2"</u>

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
140	146	6	Fine to coarse sand w/ semi-rounded gravels to 1 1/2" & approx. 2% silt- occasional rounded gravels to 3" as well as occasional yellow clay clay lenses
146	149	3	Soft, sandy yellow clay
149	163	14	Fine to coarse sand w/ rounded gravels to 2"- very loose & clean- occasional yellow clay streaks to 10" in thickness starting from 157'
163	186	23	Hard & soft sandy yellow clay- sometimes very sticky- sometime with coarse sand lenses
186	189	3	Fine to coarse sand w/ rounded gravels to 1/2"- very clean
189	197	8	Hard & soft yellow clay
197	202	5	Fine to coarse sand w/ small rounded gravels to 3/8" & approx. 2% silt
202	211	9	Hard & soft sandy yellow clay- sometimes very sticky
211	242	31	Fine to coarse sand w/ small rounded gravels to 3/8"- approx. 2% silt- very loose- inconsistently water bearing- some sticky yellow clay lenses

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
16" O.D.	-B	500	501	

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

~~This well was test pumped for a 24 hour continuous period. It's maximum yield from the 165' level was 1,411.7 GPM. The water was sand free and appeared to be of satisfactory quality.~~

WELL DRILLER'S STATEMENT

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

Signed

[Signature]

Well Driller

By

[Signature]

License No. 493

Dated November 15, 1966

(Not to be filled in by Driller)

NOV 28 1966

Log of Formations -continued

242'	to	262'	Fine to coarse sand with approx. 2% silt & small rounded gravels to 3/8"- sometimes heaving
262'	"	281'	Hard & soft sandy yellow clay with fine gravel lenses- sometimes sticky
281'	"	305'	Fine to coarse sand with rounded gravels to 1/2" & approx. 2% silt
305'	"	320'	Hard & soft sandy yellow clay with inconsistant streaks of sand & rounded gravels to 1/2"
320'	"	341'	Hard & soft yellow clay- very sticky
341'	"	361'	Fine to coarse sand with rounded gravels to 3/8" & approx. 2% silt- some inconsistant sticky yellow clay lenses- formation very loose & does not appear to be water bearing
361'	"	365'	Hard sticky yellow clay
365'	"	387'	Fine to coarse sand with approx. 1% silt & rounded gravels to 2 1/2"- very loose & probably water bearing
387'	"	398'	Hard & soft sandy yellow clay
398'	"	415'	Fine to coarse sand with rounded gravels to 3"
415'	"	448'	Same as above with the addition of inconsistant hard & sticky yellow clay streaks to 12" in thickness
448'	"	456'	Fine to coarse sand with rounded gravels to 1 1/2"- some inconsistant sticky yellow clay streaks to 12" in thickness
456'	"	480'	Fine to coarse sand with approx. 2% silt & semi-rounded to rounded gravels to 1"- some inconsistant sticky yellow clay streaks to 12" in thickness
480'	"	495'	Fine to coarse sand with approx. 1% silt & semi-rounded gravels to 3/8"- some sticky yellow clay <u>lenses</u>
495'	"	500'	Very hard sticky yellow clay