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WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Offset Well under 13664

Log No. 2481
 Rec. 9
 Well No. 683
 Permit No. 13664
 Do not fill in

Plugged

Owner Jack Wollenzien Driller ALLEN WATER WELL SERVICE CO.

Address 820 Cashman Drive Address 231 Maryland Pkwy Lic. No. 40

Location of well: SE 1/4 SW 1/4 Sec. 2, T. 22 N/S, R. 6 E, in CLARK County

Water will be used for irrigation Total depth of well 655

Size of drilled hole 18 inch Weight of casing per linear foot 35.67

Thickness of casing 3/16th Temp. of water

Diameter and length of casing 18 ID 100' 16" 296'
(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 105 g.p.m.

If nonflowing well give depth of standing water from surface

If flowing well describe control works 18" conductor pipe, cemented in place 100'
(Type and size of valve, etc.)

Date of commencement of well Dec. 14, 1953 Date of completion of well Feb. 12, 1954

Type of well rig Cable Tools Keystone 50A

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	9	9	Sandy clay
9	10	1	gravel
10	14	4	sand
14	17	3	caliche
17	19	2	gravel
19	34	15	sandy clay
34	37	3	gravel (water)
37	40	3	brown clay
40	47	7	" "
47	53	6	sandy clay
53	96	43	cemented gravel
96	97	1	brown clay
97	104	7	cemented gravel
104	107	3	brown clay
107	113	6	sandy clay
113	115	2	lime
115	121	6	sandy clay
121	123	2	cemented gravel
123	127	4	sand and water gravel
127	130	3	brown clay
132	137	5	sandy clay
137	143	6	cemented gravel
143	146	3	gravel (water)
146	151	5	brown clay
151	183	32	cemented gravel
183	191	8	steaks of sand & clay
191	204	13	sticky clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 213 to 215 ft.

Other aquifers 278-281

309-313 332-335 338-350

353-357 614-620

650-651 123-127 143-146

First water at 34-37 feet.

Casing perforated

from 120 to 150 ft.
200-225

Size of perforations

7/16" x 4" 6 around
on 18" centers

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material		
204	213	9	cemented gravel	317-325	8 sandy clay
213	215	2	gravel (water)	325-332	6 clay
215	220	5	clay	332-335	3 sand
220	250	30	cemented gravel	335-338	3 clay
250	278	28	sticky clay	338-350	12 sand
278	281	3	brown sand	350-353	3 clay
281	283	2	blue clay	353-357	4 sand
283	286	3	sandy clay	357-365	8 clay
286	288	2	blue clay	365-376	11 cem. gravel
288	291	3	sandy clay	376-379	3 sandy clay
291	293	2	blue clay	379-396	17 cem. gravel
293	296	3	sandy clay	396-401	5 clay
296	305	9	brown clay	401-411	10 sandstone
305	309	4	blue clay	411-424	13 clay
309	313	4	fine sand.	424-430	6 sandstone
313	317	4	clay	430-432	2 clay

CASING RECORD

Diam. casing	From feet	To feet	Length	Remarks—Seals, Grouting, Etc.
18"	0	100	100	3/16" wall conductor pipe cemented in place. 1/4" liner. perforated with mills knife.
16"	90	370	286	

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

WELL DRILLERS STATEMENT

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

Signed.....
Well Driller

By.....

License No.....

Dated....., 19.....

(Not to be filled in by Driller)

imed.

435	3	sandstone
435-450	5	clay
450-455	5	sandstone
455-466	11	clay
466-483	17	Alternate layers of sandstone and clay
483-500	17	" " " " " "
500-543	43	layers of sandstone and clay
543-551	8	clay
551-595	44	clay
595-614	19	layers of rock, sand and clay
614-620	6	fine sand
620-649	29	rock, sand and clay
649-650	1	sandstone
650-651	1	gravel
651-652	1	sandstone
652-653	1	clay
653-655	2	sandstone.