

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date of well completion.

WATER WELL REPORT 20 1967

STATE OF OREGON STATE ENGINEER State Well No. 34/32-212

(Please type or print)
(Do not write above this line)

State Permit No. G-3331

G-3331 5769

(1) OWNER:

Name ALLIED PROPERTIES

Address ROARING SPRINGS RANCH

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Bored ☐

(4) PROPOSED USE (check):

Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) CASING INSTALLED:

Threaded ☐ Welded ☒

16" Diam. from 0 ft. to 310 ft. Gage 1

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? ☐ Yes ☒ No.

Type of perforator used Mills:

Size of perforations 1 in. by 4 in.

2340 perforations from 125 ft. to 309 ft.

perforations from ft. to ft.

perforations from ft. to ft.

perforations from ft. to ft.

perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type Model No.

Diam. Slot size Set from ft. to ft.

Diam. Slot size Set from ft. to ft.

(8) WATER LEVEL: Completed well.

Static level 33 ft. below land surface Date

Artesian pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

a pump test made? ☒ Yes ☐ No If yes, by whom?

2000 gal./min. with 85 ft. drawdown after 28 hrs.

" " " "

" " " "

Ball test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? ☐ Yes ☒ No

(10) CONSTRUCTION:

Well seal—Material used Mud

Depth of seal 50 ft.

Diameter of well bore to bottom of seal 18 in.

Were any loose strata cemented off? ☐ Yes ☒ No Depth

Was a drive shoe used? ☒ Yes ☐ No

Did any strata contain unusable water? ☐ Yes ☐ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☒ Yes ☐ No Size of gravel:

Gravel placed from ft. to ft.

(11) LOCATION OF WELL:

County Harney

Driller's well number

NW 1/4 NW 1/4 Section 21 T. 34S R. 32 E. W.M.

Bearing and distance from section or subdivision corner

1430 ft. N. 6 degrees East from W 1/4. Corner

of Sec. 21, T 34 S, R. 32 E. W.M.

(12) WELL LOG:

Diameter of well below casing

Depth drilled

ft. Depth of completed well

ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.

MATERIAL	From	To	ft.
Brown Top Soil	0	11	11
Yellow Hard Sand	11	15	4
Gray Sand Fine Dry	15	17	2
Yellow Hard Sand	17	47	30
Brown Sand Gravel Small	47	49	2
Yellow Clay	49	74	23
Gray Hard Sand	74	96	22
Yellow Clay	96	138	42
Gray Hard Sand	138	147	14
Brown Sand Gravel Small	147	150	3
Brown Clay	150	173	23
Brown Hard Sand	173	182	9
Brown Gravel Large	182	190	8
Brown Clay	190	234	44
Brown Hard Sand Small	234	245	11
Brown Gravel Sand Small	245	247	2
Brown Hard Sand	247	263	16
Brown Sand Gravel Small	263	266	3
Brown Clay	266	284	18
Brown Hard Sand	284	290	6
Brown Sand Gravel Small	290	292	2
Brown Clay	292	346	54

Work started Sept. 15, 1966 Completed Oct. 7, 1966

Date well drilling machine moved off of well Oct. 7, 1966

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] William W. Wolgast Date Oct 9, 1966
(Drilling Machine Operator)

Drilling Machine Operator's License No. 253

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME William W. Wolgast
(Person, firm or corporation) (Type or print)

Address Box 1026 Winnemucca

[Signed] William W. Wolgast Date Oct 9, 1966
(Water Well Contractor)

Contractor's License No. 395 Date Oct 9, 1966

NOTICE TO WATER WELL CONTRACTOR

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STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)
(Do not write above this line)

State Well No.

State Permit No.

G-3331

34/32-21D

G 3169

(1) OWNER:

Name

Address

(2) TYPE OF WORK (check):

New Well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☐ Driven ☐
Cased ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(5) CASING INSTALLED:

Threaded ☐ Welded ☐

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? ☐ Yes ☐ No.

Type of perforator used

Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.
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(7) SCREENS:

Well screen installed? ☐ Yes ☐ No

Manufacturer's Name

Type Model No.

Diam. Slot size Set from ft. to ft.

Diam. Slot size Set from ft. to ft.

WATER LEVEL: Completed well.

Level ft. below land surface Date

Artesian pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

a pump test made? ☐ Yes ☐ No If yes, by whom?

gal./min. with ft. drawdown after hrs.

" " " "

" " " "

Ball test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(10) CONSTRUCTION:

Well seal—Material used

Depth of seal ft.

Diameter of well bore to bottom of seal in.

Were any loose strata cemented off? ☐ Yes ☐ No Depth

Was a drive shoe used? ☐ Yes ☐ No

Did any strata contain unusable water? ☐ Yes ☐ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☐ Yes ☐ No Size of gravel:

Gravel placed from ft. to ft.

(11) LOCATION OF WELL:

County

Driller's well number

1/4

1/4 Section

T.

R.

W.M.

Bearing and distance from section or subdivision corner

(12) WELL LOG:

Diameter of well below casing

Depth drilled

ft. Depth of completed well

ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.

MATERIAL	From	To	ft.
Brown Gravel	346	347	1
Brown Clay	347	401	54
Brown Hard Sand	401	445	44
Brown Sand Gravel Small	445	450	5
Brown Clay	450	470	20
Redish Clay	470	473	3
Brown Sand Gravel Med	473	502	29
Brown Hard Sand	502	512	10
Brown Sand Gravel Med	512	518	6
Redish Clay	518	540	28
Brown Sand Gravel Small	540	545	5
Brown Hard Sand	545	623	78
Brown Clay	623	647	14
Brown Sand Gravel Med	647	656	9
Brown Hard Sand	656	673	17
Brown Clay	673	699	22
Yellow Clay	699	747	48
Brown Hard Sand	747	758	11
Brown Sand Fine	758	785	17
Brown Clay	785	790	5
Brown Sand Course	790	845	55
Brown Sandy Clay	845	900	?

Work started 19 Completed 19

Date well drilling machine moved off of well 19

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] William W. W. Date Oct 9, 1967
(Drilling Machine Operator)

Drilling Machine Operator's License No. 253

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME William W. W. (Person, firm or corporation) (Type of print)

Address 2304 1036 Winnemucca, Nev

[Signed] William W. W. (Water Well Contractor)

Contractor's License No. 395 Date Oct 9, 1967

WELL LOG AND REPORT TO THE STATE ENGINEER

OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No.

Rec.

Well No.

Permit No.

Do not fill in.

Owner Allied Cattle Co. Driller W. H. AM WOLAN MOTT

Address 420 Taylor St. S.F. Address P.O. 1026 Winnemucca Lic. No.

Location of well: 1/4 Sec 21, T. 31 N/S, R. 34 E, in ROARING SPRINGS County

Permit No. Well No. 1 G-3331

Water will be used for IRRIGATION Total depth of well 995 FT.

Size of drilled hole 16" Weight of casing per linear foot 42.5

Thickness of casing 4" Temp. of water

Diameter and length of casing 16"
(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 2200 gpm. see G-3331

If nonflowing well give depth of standing water from surface

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 Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	12	12	TOP SOIL
12	67	50	BROWN CLAY
67	69	2	HARD SAND
69	70	1	SMALL GRAVEL
70	127	57	SANDY CLAY
127	139	12	HARD SAND
139	142	3	GRAVEL
142	193	51	HARD CLAY
193	265	72	SOFT CLAY
265	269	4	HARD SAND
269	271	2	SMALL GRAVEL
271	395	124	SANDY CLAY
395	396	1	HARD SAND
396	397	2	SAND & GRAVEL
397	520	122	HARD CLAY
520	695	175	YELLOW CLAY
695	699	4	HARD SAND
699	703	4	SAND & GRAVEL
703	760	57	SOFT SANDY CLAY

Water-bearing Formation, Casing Perforations, etc.

Chief aquifer (water-bearing formation)

from to ft.

Other aquifers

First water at feet.

Casing perforated

from to ft.

Size of perforations

(OVER)

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
760	830	70	SAND CLAY
830	834	4	HARD SAND
834	835	1	SMALL GRAVEL
835	995	160	BROWN CLAY
995	—		LAVA ROCK

CASING RECORD

[illegible]

GENERAL INFORMATION—Pumping Test, or Boiling Test, Quality of Water, etc.

WELL DRILLER'S 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).