DIV 1510 [redacted] COPY

STATE OF NEVADA

DIVISION OF WATER RESOURCES

OFFICE USE ONLY
Log No. 11341
Permit No. 24746
Basin Quinn River 33A

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Union Development Co. ADDRESS 8555 Artesia Blvd. Bellflower, Calif.

2. LOCATION NW ¼ NW ¼ Sec. 20 T. 42 N R. 37 E. Humboldt County

PERMIT NO. 24746

3. TYPE OF WORK				4. PROPOSED USE				5. TYPE WELL	
New Well	☒	Recondition	☐	Domestic	☐	Irrigation	☒	Test	☐
Deepen	☐	Other	☐	Municipal	☐	Industrial	☐	Stock	☐
								Cable	☒
								Rotary	☐
								Other	☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Topsoil		0	3	3
Sandy Loam		3	60	57
Soft Brown Clay		60	88	28
Sand		88	92	4
Brown Clay		92	121	29
Sand & Gravel		121	132	11
Brown Clay		132	144	12
Brown Sandy Clay		144	162	18
Brown Clay		162	174	12
Sand		174	182	8
Brown Clay		182	204	22
Sand		204	210	6
Brown Clay		210	228	18
Sand		228	234	6
Brown Clay		234	256	22
Granite Sand		256	262	6
Brown Clay		262	280	18
Granite Sand		280	288	8
Brown Clay		288	301	13
Granite Sand		301	322	21
Soft Brown Clay		322	332	10
Granite Sand		332	339	7
Brown Clay		339	342	3
Granite Sand		342	366	24
Brown Clay		366	378	12
Granite Sand		378	382	4
Brown Clay		382	408	26

Date started Aug. 8 -, 1970
Date completed Oct. 14, 1970

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
1700	2500	170	15
1700	1800	150	15

BAILER TEST

G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. WELL CONSTRUCTION

Diameter hole ..... inches Total depth 600 feet
Casing record 4 1/16"
Weight per foot 44 Thickness 1/4"

Diameter	From	To
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☐ No ☒ Type .....
Depth of seal ..... feet
Gravel packed: Yes ☐ No ☒
Gravel packed from ..... feet to ..... feet

Perforations:
Type perforation mills
Size perforation 1/2" x 2"
From 200 feet to 400 feet
From 400 feet to 600 feet
~~From~~ Factor Perf ~~feet to~~ 1/4 x 1 1/2 ~~feet~~
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL

Static water level 55 Feet below land surface
Flow ..... G.P.M.
Water temperature 63 ° F. Quality Good

10. DRILLERS CERTIFICATION

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

Name Armstrong Bros.
Address 4710 Hwy 40 West Winnemucca
Nevada contractor's license number 5348
Nevada driller's license number 616
Signed Joe L. Armstrong
Date Oct. 15 - 1970.

USE ADDITIONAL SHEETS IF NECESSARY

5471

DIVISION [redacted] CLIENT'S COPY

STATE OF NEVADA Page 2

DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 11341
Permit No. 24746
Basin 33A

1. OWNER ..... ADDRESS .....

2. LOCATION NW ¼ NW ¼ Sec. 20 T. 42 N N/S R. 37 E. ..... County
PERMIT NO. 24746

3. TYPE OF WORK
New Well ☒ Recondition ☐
Deepen ☐ Other ☐

4. PROPOSED USE
Domestic ☐ Irrigation ☒ Test ☐
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☒ Rotary ☐
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Brown Clay		408	436	28
Granite Sand		436	440	4
Brown Clay		440	472	32
Brown Sandy Clay		472	503	31
Sand & Pea Gravel		503	520	17
Brown Clay		520	542	22
Granite Sand		542	548	6
Brown Clay		548	568	20
Granite Sand		568	572	4
Brown Clay		572	581	9
Granite Sand		581	584	3
Brown Clay		584	600	16

Date started ....., 19.....
Date completed ....., 19.....

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
		1910 DEC 25	10 20

BAILER TEST

G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. WELL CONSTRUCTION

Diameter hole ..... inches Total depth ..... feet
Casing record .....
Weight per foot ..... Thickness .....

Diameter	From	To
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet

Surface seal: Yes ☐ No ☐ Type .....
Depth of seal ..... feet
Gravel packed: Yes ☐ No ☐
Gravel packed from ..... feet to ..... feet

Perforation:
Type perforation .....
Size perforation .....
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL

Static water level ..... Feet below land surface .....
Flow ..... G.P.M. .....
Water temperature ..... ° F. Quality .....

10. DRILLERS CERTIFICATION

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

Name .....

Address .....

Nevada contractor's license number .....

Nevada driller's license number .....

Signed .....

Date .....

USE ADDITIONAL SHEETS IF NECESSARY

5471