DIVISION OF WATER RESOURCES

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DIV. OF WATER RESOURCES
BRANCH OFFICE
LAS VEGAS, NEVADA

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 11657
Permit No. 25149
Basin 212

1. OWNER City of North Las Vegas ADDRESS 2200 Civic Center Drive North Las Vegas, Nevada

2. LOCATION NE ¼ ¼ SE ¼ Sec. 21 T. 19 N/S R. 61 E. Clark County
PERMIT NO. 25149

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 sandy clay		0	3	3
gravel		3	5	2
brown clay		5	25	20
light grey clay		25	40	15
brown sandy clay	yes	40	105	65
brown clay & limestone	yes	105	110	5
brown clay		110	120	10
light brown clay		120	140	20
light brown clay & limestone	yes	140	160	20
brown clay		160	180	20
brown clay limestone		180	190	10
brown clay	yes	190	270	80
light brown clay		270	290	20
brown clay		290	315	25
sticky brown clay		315	320	5
light brown clay		320	340	20
brown clay little gravel		340	345	5
hard brown clay		345	365	20
brown sticky clay		365	428	63
brown clay & gravel		428	430	2
blue clay		430	485	55
brown clay		485	500	15
brown sticky clay	yes	500	750	250
brown sticky clay & gravel		750	800	50
brown sticky clay		800	830	30
course sand & clay	yes	830	845	15

Date started December 10, 19 70
Date completed April 8, 19 71

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
1137	275	243	24

BAILER TEST
G.P.M. 100 Draw down 23 feet 3 hours
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours

8. WELL CONSTRUCTION
Diameter hole inches Total depth 1300 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

Perforations:
Type perforation Torch Cut
Size perforation 3/16 x 12 3 rows
From 50 feet to 1300 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL
Static water level 23 Feet below land surface
first water 20'
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 PATRICK H. THOMPSON
Address 3215 Cinder Lane-Las Vegas, Nev.
Nevada contractor's license number 4286
Nevada driller's license number 581
Signed Patrick H. Thompson
Date July 7, 1971

USE ADDITIONAL SHEETS IF NECESSARY

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Domestic ☐ Irrigation ☐ Test ☐
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☐
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
grey clay & gravel		845	850	5
grey sticky clay		850	870	20
grey clay with layer sandstone				
		870	880	10
grey sticky clay		880	885	5
grey sticky clay & gravel		885	890	5
grey sticky clay		890	895	5
grey sticky clay & gravel layer				
		895	900	5
grey sticky clay		900	910	10
grey sticky clay & gravel		910	920	10
brown sticky clay & gravel		920	930	10
brown sticky clay		930	1000	70
brown sandy clay		1000	1085	85
browns sandy clay & gravel		1085	1090	5
brown sandy clay		1090	1180	90
brown clay		1180	1185	5
brown clay & gravel		1185	1190	5
brown clay		1190	1205	15
brown clay with sand		1205	1240	35
gravel & sand brown clay		1240	1285	45
brown hard clay		1285	1290	5
brown clay & gravel		1290	1300	10

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

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

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

Perforations:
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 .....

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