STATE OF NEVADA
DIVISION OF WATER RESOURCES

OFFICE USE ONLY
Log No. ~~9867~~ 15625
Permit No. 21759
Basin

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER City of North Las Vegas ADDRESS 2200 Civic Center Drive North Las Vegas, Nevada 89030

West Cheyenne # 2

2. LOCATION NW ¼ NE ¼ Sec. 18 T. 20 N/S R. 61 E. Clark County

PERMIT NO. 21759 REPLACEMENT WELL

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

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

5. TYPE WELL
Cable ☐ Rotary ☒
Other ☐ R.C.

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
soil & gravel		0	3	3
caliche		3	6	3
clay & caliche		6	[illegible]	[illegible]
clay		19	39	20
caliche		39	41	2
clay		41	65	24
caliche & gravel		65	68	3
clay		68	74	6
caliche & gravel		74	75	1
clay & caliche		75	100	25
clay		100	120	20
clay & caliche		120	182	62
clay		182	240	58
cemented gravel		240	255	15
clay & sandstone		255	260	5
clay & gravel		260	270	10
cemented gravel		270	275	5
sandstone		275	286	11
caliche		286	291	5
sandstone		291	300	9
clay & caliche		300	320	20
sandstone		320	333	13
cemented gravel		333	344	11
clay & caliche		344	352	8
caliche		352	358	6
sandstone		358	362	4
clay		362	368	6

Date started December 15, 1975
Date completed June 2, 1976

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	3100	277	1
	2920	271	4

8. WELL CONSTRUCTION
Diameter hole 38 inches Total depth 1000 feet
Casing record
Weight per foot Thickness

Diameter	From	To
[illegible] inches	+2 feet	74 feet
[illegible] inches	+2 feet	978 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

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Grouted seal: Yes ☒ No ☐ Type cement
Depth of seal 73 feet
Gravel packed: Yes ☒ No ☐
Gravel packed from 0 feet to 978 feet

Perforations:
Type perforation Horizontal Louver
Size perforation 5/32 x 3 shutter screen
From 506 feet to 530 feet
From 602 feet to 902 feet
From 926 feet to 950 feet
From feet to feet
From feet to feet

9. WATER LEVEL
Static water level 192 Feet below land surface
Flow G.P.M.
Water temperature °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 Thompson Drilling Co., Inc.
Address 3215 Cinder Lane-Las Vegas, Nev.
Nevada contractor's license number 4286A

DIVISION OF WATER RESOURCES

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

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cont.

OWNER City of North Las Vegas ADDRESS 2200 Civic Center Drive
North Las Vegas, Nevada 89030

West Cheyenne #2

2. LOCATION ¼ ¼ Sec. T. N/S R. E. County

PERMIT NO.

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

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

5. TYPE WELL
Cable ☐ Rotary ☒
Other ☐ R. C.

6. LITHOLOGIC LOG cont.

Material	Water Strata	From	To	Thickness
gravel		368	372	4
clay & sandstone		372	382	10
clay & caliche		382	418	36
clay & gravel		418	431	13
caliche & gravel		431	436	5
clay & sandstone		436	442	6
interbedded clay, gravel, caliche		442	500	58
gravel		500	510	10
clay		510	530	20
gravel		530	535	5
clay		535	567	32
clay & gravel		567	574	17
gravel/minor clay		574	586	12
clay		586	591	5
clay & gravel		591	605	14
cemented gravel		605	609	4
clay & gravel		609	638	29
cemented gravel		638	725	87
cemented gravel/streaks of clay		725	735	10
cemented gravel		735	865	130
cemented gravel/streaks of clay		865	871	6
gravel		871	900	29
clay & gravel		900	926	26
clay		926	928	2

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

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1976
Div. of Water Resources
Branch Office — Las Vegas, Nev.

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 Thompson Drilling Co Inc.
Address 3215 Cinder Lane L.V. Nev.
Nevada contractor's license number 42864
Nevada driller's license number 581
Signed Patrick H. Thompson
Date .....

USE ADDITIONAL SHEETS IF NECESSARY

5471

DIVISION OF WATER RESOURCES

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

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cont.

1. OWNER City of North Las Vegas ADDRESS 2200 Civic Center Drive
North Las Vegas, Nevada 89030

West Cheyenne # 2

2. LOCATION ..... ¼ ..... ¼ Sec. ..... T. ..... N/S R. ..... E. ..... County

PERMIT NO. .....

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. cont. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
cemented gravel		928	950	22
clay & gravel		950	973	23
lime shell		973	977	4
clay & gravel		977	988	11
sandstone & clay layers		988	1000	12

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 .....

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