R-2

DIVISION OF WATER RESOURCES

STATE OF NEVADA
DIVISION OF WATER RESOURCES

OFFICE USE ONLY
Log No. 10342
Permit No.
Basin Marys River CAED

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Nevada State Highway Dept. ADDRESS Carson City

Moor Summit (East of Wells)

2. LOCATION SE ¼ SW ¼ Sec. 1 T. 37 N/S R. 63 E. Elko 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. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand Gravel & Clay		0	45	45
Shale		45	125	80
Gravel with Streaks of Clay	130	125	145	20
Limestone		145	148	3
Shale & Streaks of Clay		148	160	12
Limestone		160	172	12
Shale		172	191	21
Limestone		191	200	9
Shale		200	220	20
Limestone		220	230	10
Shale		230	240	10
Limestone		240	269	29

Date started Nov 1 –, 19 68
Date completed Nov 25 –, 19 68

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	10	no	8 hr.
(Dry well is pumped in 58 min.)		Dry - it recovers	

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 12 1/4 inches Total depth 269 feet
Casing record 271'
Weight per foot ..... Thickness 10 Gage

Diameter		From		To	
8	inches	0	feet	269	feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet

Surface seal: Yes ☒ No ☐ Type Ready Mix
Depth of seal 50' feet
Gravel packed: Yes ☒ No ☐
Gravel packed from 50 feet to 269 feet

Perforations:
Type perforation Torch Cut
Size perforation 1/8 x 6" 4 to the round
From 120 feet to 269 feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL
Static water level 139 Feet below land surface 130
Flow ..... G.P.M. 10
Water temperature Cold ° 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 James A Wakeling
Address Department of Highways Box 930 Reno
Nevada contractor's license number NSWC
Nevada driller's license number 554
Signed James A Wakeling
Date Nov 30, 1969

USE ADDITIONAL SHEETS IF NECESSARY

5471

Date _____

NEVADA STATE HEALTH DIVISION
LABORATORY SECTION
WATER REPORT

Lab. No. 3379

CENTRAL LABORATORY
790 Sutro St., Reno

BRANCH LABORATORY
625 Shadow Lane, Las Vegas

Water sampled by James A. Wakelin Date Dec. 2, 1968 Hour _____

County Elko Location of Sample Moor Summit (East of Wells)

Source: ☐ Sewage ☐ Raw surface ☑ Drinking

☐ Other (specify) _____

REMARKS _____

pH _____ Cl _____

Name and Address of Person Wishing Report:

Name ~~XXXXXXXXXXXX~~ Nevada State Highway Dept.
Att: R. W. Acheson, Ass't. Equip.Sup

Street & Box No. ~~XXXXXXXXXXXXXXXX~~ P. O. Box 930
Reno, Nevada 89504

City & State ~~XXXXXXXXXXXXXXXXXXXXXXXX~~

MF Coliforms/100 ml. _____ Fec. Strep. _____ Fec. Coli _____ MPN Coli/100 ml. _____

SPC at 35° C _____ REPORT → ☑ Safe ☐ Unsafe MBF

NEVADA STATE DEPARTMENT OF HEALTH
FOOD AND DRUG LABORATORY
755 Ryland Street, Reno
215 E. Bonanza, Las Vegas

COUNTY Elko
T. 37 R. 63 Sec. 1 No. 25703
Area Moore Summitt East of Wells

WATER ANALYSIS REPORT

Laboratory Number 25703
Submitted by Nevada State Highway Dept.
Source Well
Temperature Cold
Reason for analysis Domestic Check
Location:
City or county Elko County
Street or other Moore Summitt, East of Wells
Use Domestic
Owner Nevada State Highway Dept.
Submit report to: Nevada State Highway Dept.
Street Equip. Div., P.O. Box 930
City Reno, Nevada 89504
Special requests

Date sample taken 12-2-68
Date sample received 12-6-68
If well: Permit
Depth 269 ft.
Cased
Diam 8"
Construction method
Rotary Drill
How many served

RESULT OF TESTING

Color	3
Turbidity	3.0
Sediment	5
pH value	7.38
Total dissolved solids	1074.0 ppm
Alkalinity	344.0 ppm
Bicarbonate	420.0 ppm
Carbonate	0.0 ppm
Total iron	1.53 ppm
Total hardness ($CaCo_3$)	752.0 ppm
Calcium	200.20 ppm
Magnesium	61.13 ppm
Sulfate	236.0 ppm
Chloride	210.0 ppm
Nitrate	174.9 ppm
Sodium and Potassium	124.97 ppm
	ppm
	ppm
	ppm

Chemist /S/ Louis Rossi

1. ☐ Analysis of this sample indicates its chemical quality is within limits recommended by the State Health Department Water Supply Regulations.
2. ☒ Analysis of this sample indicates the following exceed the amounts recommended by the State Health Department Water Supply Regulations:
Total dissolved solids, Iron, Hardness, Nitrate

Comments:

cc: State Engr., Div. Water; J. Cooney; Joe Moore; H. Mayer; Glen Stevens; J.King

NOTE—You are advised to submit a sample for bacterial testing if you have not already done so.

4209