WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

GEOTHERMAL

PRINT OR TYPE ONLY

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 24058
Permit No.
Basin

NOTICE OF INTENT NO. 2276

1. OWNER City of Elko
MAILING ADDRESS 1751 College Ave. Elko
ADDRESS AT WELL LOCATION City sewer plant

2. LOCATION SE ¼ NW ¼ Sec. 21 T. 34 N/S R. 55 E Elko County
PERMIT NO. (Issued by Water Resources) Parcel No. Subdivision Name

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
Gravel	70° F	0	40	40
Clay & gravel	55°	40	60	20
Hard lava breccia	70°	60	100	40
Gravel	70°	100	140	40
Rhyolite	70°	140	160	20
Sand	70°	160	180	20
Gravel	70°	180	270	90
Clay, sand, gravel	73°	270	400	130
Sand, coarse, lots of water		400	440	40
~~460 Sandstone~~		~~1~~		
Coarse gravel	73° Water	440	460	20
Sandstone	68°	460	656	196
T.D.	656	Bottom temp. 68°		

Date started 8/15, 1982
Date completed 8/31, 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 5 1/8 inches Total depth 656 feet
Casing record NONE
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 Gel & cement
Depth of seal Cement 0-60, Gel 60-656 feet
Gravel packed: Yes ☐ No ☑
Gravel packed from feet to feet

Perforations: 8-87
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 unk. feet below land surface
Flow G.P.M. P.S.I.
Water temperature Cold ° F. Quality Unk

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Muth Drilling Co. (Contractor)
Address 203 Pine Street Elko, Nevada 89801 (Contractor)
Nevada contractor's license number 10019
Nevada contractor's drillers number 632
Nevada driller's license number 1319 MINNERUP (Actual Driller)
Signed James V. Muth (Contractor)
Date 9/15/82

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 6-81) O-627 CR434