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

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 24164
Permit No.
Basin

20 OCT 87

1. OWNER City of Elko ADDRESS 1751 College, Elko NV 89801

Beside City Horseshoe Pits

2. LOCATION SE ¼ SE ¼ Sec. 10 T. 34 N/S R. 55 E. Elko County

PERMIT NO.

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

4. PROPOSED USE Geothermal
Domestic ☐ Irrigation ☐ Test ☑
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☑
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Clay, sand gravel		0	10	10
Gravel (topso)		10	40	30
Clay, sand & gravel		40	420	380
Beds of cemented sand & gravel between beds of clay		420	600	180
Cemented sand & gravel (Conglomerate)		600	740	140
Clay		740	780	
Conglomerate (cemented)		780	796	16
T.D. 796				

Temperature of return fluid:

40-100 @ 62°F	620-640 @ 87°F
100-180 @ 64°F	640-655 @ 89°F
180-260 @ 66°F	650-665 @ 92°F
260-320 @ 70°F	Delay -
320-360 @ 72°F	Cooled system
360-420 @ 76°F	665-720 @ 92°F
420-500 @ 78°F	720-740 @ 94°F
500-560 @ 80°F	740-796 @ 98°F
560-580 @ 84°F	796 @ 105°F
580-600 @ 82°F	
600-620 @ 85°F	Bottom hole temp @ 7 125°F

Date started 9/9 ~~9/24~~, 1982
Date completed 9/24, 1982

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 796 feet
Casing record 798 ft. x 2 1/2"
Weight per foot 3.7 Thickness .156 STD

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 Cement & Bentonite
Depth of seal 70 ft w/cement - Bentonite 796 feet
Gravel packed: Yes ☐ No ☑
Gravel packed from feet to feet

Perforations:
Type perforation None
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.
Water temperature 125 °F. Quality Poor

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

Name Amos Stockton Muth Drilling Co.
For: 203 Pine Street
Address Elko, Nevada 89801
Nevada contractor's license number 10819
Nevada driller's license number 922
Signed James Y. Muth (632)
Date Oct 6, 1982

USE ADDITIONAL SHEETS IF NECESSARY

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