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

Card # 2133
Permit # 41448

CONFIDENTIAL-UNTIL Aug 87
NRS 534A.031.

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 23900
Permit No.
Basin

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

2. LOCATION SE ¼ NE ¼ Sec. 21 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
Hot spring deposit		0	12	12
Void		12	20	8
Clay		20	79	59
Hard clay		79	90	11
Soft clay		90	163	73
Broken frags of rock				
prob. fault zone		163	183	20
Siltstone		183	202	19
Mudstone		202	220	18
Broken/water	7 gpm 164°	220	225	5
Soft clay w/water		225	260	35
Siltstone	168°	260	300	40
Cased & cemented				
Soft clay		300	330	30
Sand		330	335	5
Moved off cable tool rig 5/19/82				
Moved in Rotary rig 6/11/82				
Sand	168°	320	385	65
Unable to go deeper without casing.				
Move off 7/1/82				

CONFIDENTIAL-UNTIL Aug 87
NRS 534A.031.

Date started 4/28, 1982
Date completed July 1, 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 7 inches Total depth 385 feet
Casing record 90' x 10¾, 200' x 7", 102' x 6⅝"
Weight per foot Thickness .188

Diameter	From	To
10 inches	0 feet	90 feet
10" hole 7" case inches	0 feet	200 feet
10" hole/6" case inches	200 feet	302 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☑ No ☐ Type Neat Cement
Depth of seal 200 ft feet
Gravel packed: Yes ☐ No ☑
Gravel packed from feet to feet

Perforations:
Type perforation Mill slots
Size perforation ⅛" x 3"
From 200 feet to 220 feet
From 240 feet to 260 feet
From 280 feet to 300 feet
From feet to feet
From feet to feet

9. WATER LEVEL

Static water level Feet below land surface
Flow 20 @ 32 psi G.P.M.
Water temperature 168 ° 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 Amos Stockton 922 Muth Drilling Co.
James W. Muth 1202 203 Pine Street
Address Terry Minnerup 1319 Elko, Nevada 89801

Nevada contractor's license number 10819

Nevada driller's license number 922, 1202, 1319

Signed James V. Muth (632)

Date 7/13/82

USE ADDITIONAL SHEETS IF NECESSARY

O-627