

OFFICE USE ONLY *K-50 JVA*
Log No. 37166
Permit No. 48
Basin 48
I
NOTICE OF INTENT NO. 17052

WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

1. OWNER U.S. BUREAU OF LAND MANAGEMENT ADDRESS AT WELL LOCATION NONE
MAILING ADDRESS 3900 East IDAHO
FIKO, NV 89801

2. LOCATION SW 1/4 SW 1/4 Sec. 20 T. 32 R. 54 E. ELKO County
PERMIT NO. 54277 None Subdivision Name

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	Thick-ness
Soil & boulders		0	2	2
Clay & boulders		2	8	6
Boulder with less clay		8	12	4
Water	1/2 gpm	12		
Colluviums angular				
Fragment of quartzite				
6 block shale		12	62	50
Water	2 gpm	62	63	1
Shale (black) Top of Mch				
Mch = Mississippian Chattanooga shale				
Mch to T.D.			212	160
Broken with chert				
Fragments	✓	92	95	
Dense very hard		95	102	
Med hard		102	125	
Broken (south)	✓	125	127	
Dense very hard		127	149	
Broken (south)	✓	149	154	
Dense, hard		154	160	
Fine shale-sand	✓	160	162	
Dense, hard		162	191	
Sand (shale & quartz)	✓	191	198	
Dense hard shale		198	206	
Fault	✓	207	211	
Hard shale		211	212	T.D.

8. WELL CONSTRUCTION

Diameter 12 inches Total depth 212.5 feet
8 inches
8 inches

Casing record 214.5 new steel
Weight per foot 17.02 Thickness .250

Diameter	From	To
6 7/8 inches		
<u>6 7/8</u> inches	<u>+ 24</u> feet	<u>212.5</u> feet
inches		

Surface seal: Yes No Type Cement grout
Depth of seal 100 ft feet
Gravel packed: Yes No
Gravel packed from 100 feet to 212.5 feet

Perforations:
Type perforation Screen
Size perforation .025

From	To
<u>150</u> feet to <u>155</u> feet	
<u>193</u> feet to <u>208</u> feet	

Date started 7-2 19 91
Date completed 7-31 19 91

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
<u>3520</u>	<u>10</u>	<u>97 ft</u>	<u>3</u>
	<u>15</u>	<u>16</u>	<u>4</u>

BAILER TEST

G.P.M. ± 100 Draw down ± 40 feet 2 hours
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours

9. WATER LEVEL

Static water level 1.5 feet below land surface
Flow _____ G.P.M. _____ P.S.I.
Water temperature 58 °F Quality Good

10. DRILLER'S CERTIFICATION

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

Name MUTH DRILLING Co.
Address 203 PINE ST., ELKO 89801

Nevada contractor's license number 10819
issued by the State Contractor's Board

Nevada contractor's driller's number 632
issued by the Division of Water Resources

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 632

Signed James V. Muth
By driller performing actual drilling on site or contractor

Date 7-31-91