

LOG # 39740  
PERMIT 47234  
4-52 MARKS RIVER



Elko County School District

Central Administrative Office

TELEPHONE 738-5196

P. O. BOX 1012

Elko, Nevada 89801

October 21, 1992

Nevada Division of Water Resources  
Capitol Complex  
Carson City, NV 89710

SUBJECT: Permit #47234

Dear Sirs:

The referenced permit number applies to the Carlin High School geothermal well, owned and operated by the Elko County School District.

This letter will inform your agency the Elko County School District has decided to withdraw this permit because the geothermal system at the school site has been terminated and the well has been formally plugged and abandoned in accordance with the State of Nevada regulations.

This work was accomplished by a licensed water well driller in the State of Nevada, James Muth. Please find enclosed a copy of Mr. Muth's letter attesting to this fact.

Should you require further information, please contact me.

Thank you,

A handwritten signature in black ink, appearing to read "Richard Harris".

Richard Harris  
Assistant Superintendent

RH/dkb

cc: Dale Bugenig, William E. Nork, Inc.

**MUTH DRILLING COMPANY**

JAMES V. MUTH  
203 Pine St.  
Elko, Nevada 89801  
Ph. 702-738-7527

October 8, 1992

LOG # 39740

Nevada Dept. of Minerals  
400 W. King St., Suite 106  
Carson City, NV 89710

DEPT PERMIT

The geothermal well for the Carlin, NV school, permit #Nev60011 has been abandoned and plugged in accordance with your requirements. The following paragraphs describe the procedures that took place.

We removed 315 ft of 3/4" galv. pipe air-"sounding" line. In attempting to pull the existing line-shaft pump, when the tube tension nut was removed the column pipe separated. We were only able to remove 150 ft. of column pipe. The remaining 175 ft. of column plus all 325 ft. of oil tube, plus 335 ft. of shaft and the pump dropped to the bottom of the well.

We next ran in the well a cone-shaped fishing tool tapered from 7 1/2" to 7/8", threaded on the inside & attached to 1 1/4" steel pipe. At 525 ft. we hit something, screwed onto it and pulled 126 ft. of 3/4" steel pipe, probably part of a previously dropped air-line. That too was pulled in two. So more of it remains in the well.

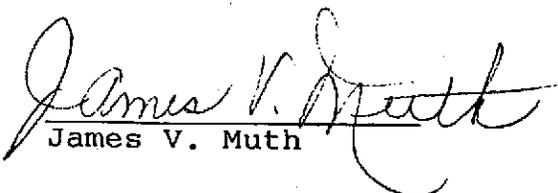
On a second trip in with the fishing tool we screwed 1 1/2" onto the top of the pump shaft at 558 ft. but could not pull it with the equipment being used.

On site was a 25 ton crane. The operator agreed to try to pull the "fish." At 45,000 lbs. pull the 1 1/4" pipe separated at one of the couplings, leaving the fishing cone and 126 ft. of 1 1/4" pipe also in the well.

Your office recommended that we place a neat cement seal from the fishing cone upward 100 ft. and then place an additional 50 ft. neat cement plug at the top.

Done deal.

Sincerely,

  
James V. Muth