

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland 5, Oregon

GAS OCCURRENCE ON THE J. N. HICKEY RANCH  
(Route # 2, Nyssa, Oregon)

Malheur County

## MEMORANDUM REPORT

This ranch is situated to the north of Vale and west of the Ontario-Nyssa highway on Gem Avenue.

This examination was made on a Portland office request (Letter by F. W. Libbey, May 15, 1947) and the examination was made by R. S. Mason and N. S. Wagner while on the Vale Salt Project.

It was confirmed that the Hickey water system does contain an inflammable gas. The nature of the setup does not permit the accumulation of large quantities of gas in a manner that could be readily sampled. Suggestions were made to Hickey with regards to the installation of a suitable trap from which an adequate sample could be taken.

According to Mr. Hickey the well is 320 feet deep, and not 200 as stated by his daughter in her letter. Furthermore, the well is open so that the gas which accumulates in the piping system is undoubtedly only a small part of that given off from the well.

### Reference:

Letter to Bureau of Mines, Oregon State College, Corvallis, by Hazel L. Hickey, May 12, 1947

# # # # #

RECEIVED  
JUL 9 1947

STATE DEPT OF GEOLOGY  
& MINERAL INDS.