## UNITED STATES DEPARTMENT OF THE INTERIOR



## GEOLOGICAL SURVEY

P. O. Box 997 Roswell, New Mexico September 11, 1945

MEMORANDUM for John A. Frost,

Artesia, New Mexico.

SUBJECT: Las Cruces 029012.

Reference is made to the notice of intention to change plans dated February 1, 1945, filed by Martin Yates III et al for well No. 2 Stebbins, sec. 30, T. 20 S., R. 29 E., Scanlon field, Eddy County, approved by you March 1, and to the subsequent report on changing plans dated February 24, 1945.

Mr. Snow left with me a note advising that he had requested you to investigate the completion of this well for a gas well. The subsequent report does not indicate the materials used or location of plugs in plugging back the well from a total depth of 947 to 790 feet. You were requested to find out if the 7-inch casing set at 650 feet has been mudded. The report states that it was impossible to cement the casing as originally planned because of quicksand. As the 8-inch was set at 416 feet to shut off quicksand it soems that that casing may have been pulled before attempt was made to cement the 7-inch and caused the latter string to become frozen.

Please investigate and report at your earliest convenience. Do you consider the well to be in satisfactory mechanical condition for indefinite suspension as a gas well, particularly as to adequate protection of the salt formation from migration of either gas or water?

FOSTER MORRELL, Acting Supervisor, Oil and Gas Operations.