

STATE OF NEW MEXICO
OFFICE OF STATE GEOLOGIST
SANTA FE, NEW MEXICO

INSPECTION REPORT

January 2, 1952

RAY OIL COMPANY

Hoover No. 1, NWSE
Sec. 30-11N-28E
Quay County, N.M.

On December 29, 1951, the writer visited the above captioned well and obtained the following information. Total depth was 2450'. The light brown, fine grained water sand reported in the previous report, to 2420', persisted to 2427'. From this depth to TD the formation encountered is a brownish red shale.

The hole below 2420' was then reamed with under diggers (below the free 8" casing). During this process a lug from the tool was lost at approximately 2410'. A magnet was run in but failed to recover the fish. Next a chemical bomb was shot off in the vicinity of the fish by McCullough Tool Company in an effort to sidetrack same.

The 8" casing was lowered into the 2427'-2450' shale interval and was stuck there. This was probably due to insufficient reaming or cavings. During the inspection visit attempts were being made to pull the pipe loose to no avail. There was only a play of about eighteen inches.

Mr. E. D. Humphreys, the toolpusher, intends to run in with a trip-spear, hook on to the shoe joint, and try to jar the pipe loose. If successful they will attempt to cement off the salt water which was previously reported. The well is still making a considerable amount of water.

E. A. Chavez
E. A. CHAVEZ, Geologist