

NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST
NOTICE OF INTENTION TO TEST WATER SHUT-OFF

Notice must be given to the State Geologist or to the proper Oil and Gas Inspector at least five days before the test. It is desirable that a representative of the Department of the State Geologist witness the water shut-off before drilling into the productive sand whenever possible. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to sender. Submit this notice in triplicate.

Hobbs N. Mex., August 18, 19 34

Mr. J. D. Hunter

State Geologist, Oil & Gas Inspector
~~Capital~~, New Mexico.

Dear Sir:

You are hereby notified that we intend to test the shut-off of water in W. D. Grimes
Well No. 4 in SW 1/4 of Sec. 28, T. 18-S, R. 38-E
N. M. P. M., Hobbs Oil Field Lea County,
on 8-21 19 34, 7 in. 24 lb. casing was { cemented } in Sandy Lime
formation at a depth of 3935 feet on August 18 1934
250 sacks of El Toro cement were used.

The method used in placing the cement was as follows: Haliburton Process

Fluid level will be bailed to a depth of _____ feet and left undisturbed for at least 12 hours before your inspection.

Adjacent property owners have been notified as follows: Gypsy Oil Company

Additional information:

Water shut off will be tested by applying 1200# pressure and retaining pressure for 30 minutes.

DUPLICATE

Approved NOV 15 1934 19_____
Except as follows:

Sincerely yours,

SHELL PETROLEUM CORPORATION

By _____

Company or Operator

Position District Engineer

Send communication regarding well to

Name SHELL PETROLEUM CORPORATION

Address Box 926

Wink, Texas

F. J. Vesely
State Geologist or Oil and Gas Inspector.

ICR

Figure 6 shows the effect of the concentration of the monomer on the polymerization rate. The polymerization rate increases with increasing monomer concentration. This is because the higher the monomer concentration, the more active sites are available for the reaction.