

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

MISCELLANEOUS REPORTS ON WELLS

Submit this report in duplicate to the State Geologist or proper Oil and Gas Inspector within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of water shut-off, result of abandonment of well, and other important operations, even though the work was witnessed by the State Geologist or Oil and Gas Inspector. Reports on minor operations need not be signed and sworn to before a notary public, but such operations should be witnessed by an Oil and Gas Inspector if possible.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF SHOOTING WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF ABANDONMENT OF WELL		REPORT ON ACID TREATMENT	X

Mr. E. H. Wells State Geologist, Hobbs, New Mexico PLACE Sept. 19, 1934 DATE
 Santa Fe, N. Mex.

Following is a report on the work done and the results obtained under the heading noted above at the Stanolind Oil and Gas Company Turner Well No. 8 in the SW 1/4 COMPANY OR OPERATOR of Sec. 34 T. 18 S R. 28 E, N. M. P. M., Hobbs Oil Field, Lea County.

The dates of this work were as follows: Acid treatment on Sept. 5, 1934

Notice of intention to do the work was (~~XXXXXX~~) submitted on Form SG 106 on Sept. 5, 1934, and approval of the proposed plan was (~~XXXXXX~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Well was treated with 2,000 gallons 30% commercial Hydrochloric acid solution on September 5th. The well was shut in and left shut in for thirty six hours, until September 7th, when it was swabbed in. The well was then allowed to flow at its proration allowable until the official proration test which was made on September 18th. The potential before acid treatment was 7,555 barrels of oil with 8,509,000 cubic feet of gas. After acid treatment the potential is 8,618 barrels of oil with 20,000,000 estimated cubic feet of gas, an increase of 117%. Open flow test through tubing and casing on proration test was 8,618 barrels.

DUPLICATE

Subscribed and sworn to before me this

19th day of September, 1934

[Signature]
 NOTARY PUBLIC.

My commission expires October 17th, 1934

I hereby swear or affirm that the information given above is true and correct.

Name [Signature]

Position Production Foreman

Representing Stanolind Oil and Gas Company
 COMPANY OR OPERATOR.

Address Hobbs, New Mexico

Remarks:

APPROVED AS O. K.

BY [Signature]

NAME

TITLE

N-C.R.

REPORT OF THE FIELD ENGINEER
ON THE PROGRESS OF THE WORK
DURING THE YEAR 1934

CHAPTER I - SUMMARY OF THE WORK

The work during the year 1934 was devoted to the study of the effect of the various factors on the rate of the reaction. The results of the work are given in the following chapters.

The first part of the work was devoted to the study of the effect of the concentration of the reactants on the rate of the reaction. The results of this work are given in Chapter II.

The second part of the work was devoted to the study of the effect of the temperature on the rate of the reaction. The results of this work are given in Chapter III.

The third part of the work was devoted to the study of the effect of the presence of a catalyst on the rate of the reaction. The results of this work are given in Chapter IV.

The fourth part of the work was devoted to the study of the effect of the presence of an inhibitor on the rate of the reaction. The results of this work are given in Chapter V.

The fifth part of the work was devoted to the study of the effect of the presence of a solvent on the rate of the reaction. The results of this work are given in Chapter VI.