

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 of Acidizing Well	

Mr. E. H. Wells State Geologist, Hobbs, New Mexico 11/14/34
 Santa Fe, N. Mex. PLACE DATE

Following is a report on the work done and the results obtained under the heading noted above at the Gypsy Oil Company East Grimes Well No. 2 in the SE/4 of NE/4 of Sec. 33, T. 18-S, R. 38-E, N. M. P. M., Hobbs Oil Field, Lea County.

The dates of this work were as follows: 6/22/34
 Notice of intention to do the work was ~~was not~~ submitted on Form SG 105 on 6/22/34, 1934, and approval of the proposed plan was ~~was not~~ obtained. (Cross out incorrect words.) but by telephone

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Well was treated with 2000 gallons of 50% Hydrochloric Acid Solution and the following potential increase obtained.

Potential before acidizing 5700 barrels oil with Gas-Oil-Ratio 692 Cu. Ft.
 Potential after acidizing 7100 barrels oil with Gas-Oil-Ratio 684 Cu. Ft.

[Faint stamp]

Subscribed and sworn to before me this 16 day of November, 1934

[Signature]
 My commission expires 2/1/35

I hereby swear or affirm that the information given above is true and correct.
 Name [Signature]
 Position District Superintendent
 Representing Gypsy Oil Company
 Address Hobbs, New Mexico

Remarks:

No. CR

NAME TITLE

THE UNIVERSITY OF MICHIGAN
DEPARTMENT OF CHEMISTRY
ANN ARBOR, MICHIGAN

RESEARCH REPORT NO. 1000

THE EFFECT OF TEMPERATURE ON THE
KINETICS OF THE REACTION OF
HYDROGEN PEROXIDE WITH
FERROUS SULFATE IN ACIDIC
SOLUTION

BY
J. H. COLEMAN
AND
R. W. BENTON

Submitted for publication
October 15, 1954

Revised manuscript received
November 10, 1954

Published in the
Journal of Physical Chemistry

Volume 58, No. 11, November 1954

Pages 2085-2091