

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	<input checked="" type="checkbox"/>	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			

Mr. E.H. Wells State Geologist, Hobbs, New Mexico 5-20-35  
 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 Empire Gas & Fuel Co. State 1-0 Well No. 1 in the  
 COMPANY OR OPERATOR  
SW<sub>1</sub> of Sec. 16, T. 21S, R. 36E, N. M. P. M.,  
Bunice Oil Field, Lea County.  
 The dates of this work were as follows: 5-20-35  
 Notice of intention to do the work was (~~was not~~) submitted on Form SG 101 on  
5-6-, 1935, and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED  
**Started drilling with rotary tools on 5-20-35**

DUPLICATE

Subscribed and sworn to before me this  
20 day of May, 1935  
Evelyn W. Clark  
 NOTARY PUBLIC.  
 My commission expires Dec 3, 1938

I hereby swear or affirm that the information given above is true and correct.  
 Name W. H. Hankins  
 Position Chief Clerk  
 Representing Empire Gas & Fuel Co.  
 COMPANY OR OPERATOR.  
 Address Drawer "G" Hobbs, New Mexico

Remarks:

MAY 22 1935  
 APPROVED  
 BY F. M. Wells

NAME

TITLE

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

1. The first step is to identify the problem.
 2. The second step is to define the problem.
 3. The third step is to analyze the problem.
 4. The fourth step is to develop a solution.
 5. The fifth step is to implement the solution.
 6. The sixth step is to evaluate the solution.
 7. The seventh step is to monitor the solution.
 8. The eighth step is to maintain the solution.
 9. The ninth step is to improve the solution.
 10. The tenth step is to document the solution.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in the YEA medium for 24 h at 28°C. The cell concentration of the *Agrobacterium* strains was adjusted to 10<sup>8</sup> cells/ml. The cell suspension was then mixed with the plant tissue and the transformation efficiency was determined. The results are shown as the mean ± SD of three independent experiments.

$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

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