

## OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS

MAY 19 1950

HOBBS OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent 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 casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Initial Pressure Test	X

Artesian N. Mex.

May 17, 1950

Place

Date

OIL CONSERVATION COMMISSION,  
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the \_\_\_\_\_

Buffalo Oil Co.

Wm. Mitchell B

Well No. 20 P

in the

Company or Operator

Lease

NE/4 SE/4

of Sec. 19

T. 17S

R. 32E

N. M. P. M.,

Wildcat

Field,

Lea

County.

The dates of this work were as follows: May 6 to 9, 1950

Notice of intention to do the work was (was not) submitted on Form C-102 on \_\_\_\_\_ 19\_\_\_\_

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Datum plane - minus 1335

Elevation DF. 3949

Depth to top of pay 5271

Date of test May 9, 1950

Well shut in 67 hours.

Subsurface temperature unknown

Pressure test taken at 5284'

Observed pressure 1910psi.

Observed pressure is  
not a maximum build up.

Witnessed by Ralph L. Gray Buffalo Oil Co. Asst. Supt.  
Name Company Title

Subscribed and sworn before me this \_\_\_\_\_

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

18th day of May, 1950

Name Ralph L. GrayPosition Asst. Supt.Representing Buffalo Oil Co.  
Company or OperatorMy commission expires Aug. 28, 1953Address Artesia, N. Mex.

Remarks: Submitted in accordance with  
Rule 302.

APPROVED

MAY 19 1950

Ray - York  
Name  
Title

[illegible]

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 strains was adjusted to 1.0 × 10<sup>8</sup> cells/ml. The cell suspension was mixed with the plant tissue and the transformation efficiency was determined. The results were expressed as the mean ± SD of three independent experiments. The asterisks indicate the significant difference between the strains at the same concentration of the cell suspension.

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (n = 10) and the experimental group (n = 10). The control group received a standard training protocol, while the experimental group received a modified training protocol. The subjects were then tested on a series of tasks, including a memory task, a motor task, and a cognitive task. The results of the tasks were compared between the two groups.

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[illegible]

**Abstract**

5. **CONCLUSIONS**

[illegible]

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Figure 1. The effect of the concentration of the polymer on the swelling ratio of the hydrogel. The swelling ratio of the hydrogel increases with the increase of the concentration of the polymer. The swelling ratio of the hydrogel is 1.0 at 0.1 g/L, 1.5 at 0.2 g/L, 2.0 at 0.3 g/L, 2.5 at 0.4 g/L, 3.0 at 0.5 g/L, 3.5 at 0.6 g/L, 4.0 at 0.7 g/L, 4.5 at 0.8 g/L, 5.0 at 0.9 g/L, 5.5 at 1.0 g/L, 6.0 at 1.1 g/L, 6.5 at 1.2 g/L, 7.0 at 1.3 g/L, 7.5 at 1.4 g/L, 8.0 at 1.5 g/L, 8.5 at 1.6 g/L, 9.0 at 1.7 g/L, 9.5 at 1.8 g/L, 10.0 at 1.9 g/L, 10.5 at 2.0 g/L, 11.0 at 2.1 g/L, 11.5 at 2.2 g/L, 12.0 at 2.3 g/L, 12.5 at 2.4 g/L, 13.0 at 2.5 g/L, 13.5 at 2.6 g/L, 14.0 at 2.7 g/L, 14.5 at 2.8 g/L, 15.0 at 2.9 g/L, 15.5 at 3.0 g/L, 16.0 at 3.1 g/L, 16.5 at 3.2 g/L, 17.0 at 3.3 g/L, 17.5 at 3.4 g/L, 18.0 at 3.5 g/L, 18.5 at 3.6 g/L, 19.0 at 3.7 g/L, 19.5 at 3.8 g/L, 20.0 at 3.9 g/L, 20.5 at 4.0 g/L, 21.0 at 4.1 g/L, 21.5 at 4.2 g/L, 22.0 at 4.3 g/L, 22.5 at 4.4 g/L, 23.0 at 4.5 g/L, 23.5 at 4.6 g/L, 24.0 at 4.7 g/L, 24.5 at 4.8 g/L, 25.0 at 4.9 g/L, 25.5 at 5.0 g/L, 26.0 at 5.1 g/L, 26.5 at 5.2 g/L, 27.0 at 5.3 g/L, 27.5 at 5.4 g/L, 28.0 at 5.5 g/L, 28.5 at 5.6 g/L, 29.0 at 5.7 g/L, 29.5 at 5.8 g/L, 30.0 at 5.9 g/L, 30.5 at 6.0 g/L, 31.0 at 6.1 g/L, 31.5 at 6.2 g/L, 32.0 at 6.3 g/L, 32.5 at 6.4 g/L, 33.0 at 6.5 g/L, 33.5 at 6.6 g/L, 34.0 at 6.7 g/L, 34.5 at 6.8 g/L, 35.0 at 6.9 g/L, 35.5 at 7.0 g/L, 36.0 at 7.1 g/L, 36.5 at 7.2 g/L, 37.0 at 7.3 g/L, 37.5 at 7.4 g/L, 38.0 at 7.5 g/L, 38.5 at 7.6 g/L, 39.0 at 7.7 g/L, 39.5 at 7.8 g/L, 40.0 at 7.9 g/L, 40.5 at 8.0 g/L, 41.0 at 8.1 g/L, 41.5 at 8.2 g/L, 42.0 at 8.3 g/L, 42.5 at 8.4 g/L, 43.0 at 8.5 g/L, 43.5 at 8.6 g/L, 44.0 at 8.7 g/L, 44.5 at 8.8 g/L, 45.0 at 8.9 g/L, 45.5 at 9.0 g/L, 46.0 at 9.1 g/L, 46.5 at 9.2 g/L, 47.0 at 9.3 g/L, 47.5 at 9.4 g/L, 48.0 at 9.5 g/L, 48.5 at 9.6 g/L, 49.0 at 9.7 g/L, 49.5 at 9.8 g/L, 50.0 at 9.9 g/L, 50.5 at 10.0 g/L, 51.0 at 10.1 g/L, 51.5 at 10.2 g/L, 52.0 at 10.3 g/L, 52.5 at 10.4 g/L, 53.0 at 10.5 g/L, 53.5 at 10.6 g/L, 54.0 at 10.7 g/L, 54.5 at 10.8 g/L, 55.0 at 10.9 g/L, 55.5 at 11.0 g/L, 56.0 at 11.1 g/L, 56.5 at 11.2 g/L, 57.0 at 11.3 g/L, 57.5 at 11.4 g/L, 58.0 at 11.5 g/L, 58.5 at 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86.5 at 17.2 g/L, 87.0 at 17.3 g/L, 87.5 at 17.4 g/L, 88.0 at 17.5 g/L, 88.5 at 17.6 g/L, 89.0 at 17.7 g/L, 89.5 at 17.8 g/L, 90.0 at 17.9 g/L, 90.5 at 18.0 g/L, 91.0 at 18.1 g/L, 91.5 at 18.2 g/L, 92.0 at 18.3 g/L, 92.5 at 18.4 g/L, 93.0 at 18.5 g/L, 93.5 at 18.6 g/L, 94.0 at 18.7 g/L, 94.5 at 18.8 g/L, 95.0 at 18.9 g/L, 95.5 at 19.0 g/L, 96.0 at 19.1 g/L, 96.5 at 19.2 g/L, 97.0 at 19.3 g/L, 97.5 at 19.4 g/L, 98.0 at 19.5 g/L, 98.5 at 19.6 g/L, 99.0 at 19.7 g/L, 99.5 at 19.8 g/L, 100.0 at 19.9 g/L, 100.5 at 20.0 g/L, 101.0 at 20.1 g/L, 101.5 at 20.2 g/L, 102.0 at 20.3 g/L, 102.5 at 20.4 g/L, 103.0 at 20.5 g/L, 103.5 at 20.6 g/L, 104.0 at 20.7 g/L, 104.5 at 20.8 g/L, 105.0 at 20.9 g/L, 105.5 at 21.0 g/L, 106.0 at 21.1 g/L, 106.5 at 21.2 g/L, 107.0 at 21.3 g/L, 107.5 at 21.4 g/L, 108.0 at 21.5 g/L, 108.5 at 21.6 g/L, 109.0 at 21.7 g/L, 109.5 at 21.8 g/L, 110.0 at 21.9 g/L, 110.5 at 22.0 g/L, 111.0 at 22.1 g/L, 111.5 at 22.2 g/L, 112.0 at 22.3 g/L, 112.5 at 22.4 g/L, 113.0 at 22.5 g/L, 113.5 at 22.6 g/L, 114.0 at 22.7 g/L, 114.5 at 22.8 g/L, 115.0 at 22.9 g/L, 115.5 at 23.0 g/L, 116.0 at 23.1 g/L, 116.5 at 23.2 g/L, 117.0 at 23.3 g/L, 117.5 at 23.4 g/L, 118.0 at 23.5 g/L, 118.5 at 23.6 g/L, 119.0 at 23.7 g/L, 119.5 at 23.8 g/L, 120.0 at 23.9 g/L, 120.5 at 24.0 g/L, 121.0 at 24.1 g/L, 121.5 at 24.2 g/L, 122.0 at 24.3 g/L, 122.5 at 24.4 g/L, 123.0 at 24.5 g/L, 123.5 at 24.6 g/L, 124.0 at 24.7 g/L, 124.5 at 24.8 g/L, 125.0 at 24.9 g/L, 125.5 at 25.0 g/L, 126.0 at 25.1 g/L, 126.5 at 25.2 g/L, 127.0 at 25.3 g/L, 127.5 at 25.4 g/L, 128.0 at 25.5 g/L, 128.5 at 25.6 g/L, 129.0 at 25.7 g/L, 129.5 at 25.8 g/L, 130.0 at 25.9 g/L, 130.5 at 26.0 g/L, 131.0 at 26.1 g/L, 131.5 at 26.2 g/L, 132.0 at 26.3 g/L, 132.5 at 26.4 g/L, 133.0 at 26.5 g/L, 133.5 at 26.6 g/L, 134.0 at 26.7 g/L, 134.5 at 26.8 g/L, 135.0 at 26.9 g/L, 135.5 at 27.0 g/L, 136.0 at 27.1 g/L, 136.5 at 27.2 g/L, 137.0 at 27.3 g/L, 137.5 at 27.4 g/L, 138.0 at 27.5 g/L, 138.5 at 27.6 g/L, 139.0 at 27.7 g/L, 139.5 at 27.8 g/L, 140.0 at 27.9 g/L, 140.5 at 28.0 g/L, 141.0 at 28.1 g/L, 141.5 at 28.2 g/L, 142.0 at 28.3 g/L, 142.5 at 28.4 g/L, 143.0 at 28.5 g/L, 143.5 at 28.6 g/L, 144.0 at 28.7 g/L, 144.5 at 28.8 g/L, 145.0 at 28.9 g/L, 145.5 at 29.0 g/L, 146.0 at 29.1

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*[Faint, illegible handwritten notes]*

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