

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS

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

Midland, Texas

October 27, 1942

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

Humble Oil &amp; Refining Co.

S. R. Cooper

Well No. 3 in the

Company or Operator

Lease

S/2 of SE/4

of Sec. 14

T. 24-S

R. 36-E, N. M. P. M.,

Cooper

Field,

Lea

County.

The dates of this work were as follows: August 15, 1942 to October 20, 1942

Notice of intention to do the work was (~~received~~) submitted on Form C-102 on August 12, 1942and approval of the proposed plan was (~~received~~) obtained. (Cross out incorrect words.)

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Moved in and rigged up rotary rig. Killed well with mud and pulled 2 1/2" tubing. After making 48 cuts of 7" liner recovered 739' from well. Reamed hole to 3484' with 8-5/8" bit. Ran 785' of 7" liner to 3487' and cemented with 150 sacks Incon cement. Ran tubing and tested cement ok. Perforated 7" liner 3456-80' & 3416-50'; tested 20 bbls sulphur water per hour by gas lift. Squeezed formation thru perforations 3416-50, 3456-80' with 50 sacks cement. Perforated liner 3350-72' & 3372-78'; tested by gas lift at rate of 15 bbls water per hour, slight show oil. Perforated 3378-94'; tested 15 bbls water per hour, slight show oil. Squeezed formation 3350-94' with 75 sacks cement. Perforated liner 3300-30' and unloaded hole with gas. Tested gas & water. Squeezed formation 3300-30' with 50 sacks cement. Perforated 3260-85' and tested 1250 MCF gas per day, no oil or water, thru 1" choke. Casing Pressure 400 lbs.

Witnessed by \_\_\_\_\_  
Net result of work - plugged formation below 3285', open gas horizon 3260-85' Title

Subscribed and sworn before me this 27th

day of October, 1942

W. Lee Ferguson  
Notary Public

My commission expires 6-2-43

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

Name W. Lee FergusonPosition Division SuperintendentRepresenting Humble Oil & Refining Company  
Company or OperatorAddress Box 1600 - Midland, Texas

Remarks:

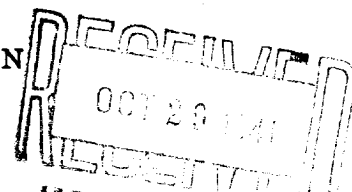
Roy Yarbrough  
Name

Title

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS NOTICES



Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Midland, Texas

Place

October 27, 1942

Date

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

**Humble Oil & Refining Co.**      **S. R. Cooper**      Well No. **3**      in **S/2 of SE/4**  
 Company or Operator      Lease  
 of Sec. **14**, T. **24-S**, R. **36-E**, N. M. P. M., **Cooper** Field,  
 County.

## FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

To acid treat formation through perforated section of 7" liner from 3260' to 3285'  
 in an effort to increase gas production.

1000 gallons acid to be used.

OCT 29 1942

Approved \_\_\_\_\_, 19\_\_\_\_  
 except as follows:

**Humble Oil & Refining Company**  
 Company or Operator

By *[Signature]*

Position **Division Superintendent**  
 Send communications regarding well to

Name **J. W. House**Address **Box 1600, Midland, Texas**

OIL CONSERVATION COMMISSION

By *[Signature]*  
 Title **OIL & GAS INSPECTOR**

2010-2011

Figure 1. The effect of the concentration of the solution on the adsorption of the dye. The concentration of the solution was 0.01, 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00, 1.05, 1.10, 1.15, 1.20, 1.25, 1.30, 1.35, 1.40, 1.45, 1.50, 1.55, 1.60, 1.65, 1.70, 1.75, 1.80, 1.85, 1.90, 1.95, 2.00, 2.05, 2.10, 2.15, 2.20, 2.25, 2.30, 2.35, 2.40, 2.45, 2.50, 2.55, 2.60, 2.65, 2.70, 2.75, 2.80, 2.85, 2.90, 2.95, 3.00, 3.05, 3.10, 3.15, 3.20, 3.25, 3.30, 3.35, 3.40, 3.45, 3.50, 3.55, 3.60, 3.65, 3.70, 3.75, 3.80, 3.85, 3.90, 3.95, 4.00, 4.05, 4.10, 4.15, 4.20, 4.25, 4.30, 4.35, 4.40, 4.45, 4.50, 4.55, 4.60, 4.65, 4.70, 4.75, 4.80, 4.85, 4.90, 4.95, 5.00, 5.05, 5.10, 5.15, 5.20, 5.25, 5.30, 5.35, 5.40, 5.45, 5.50, 5.55, 5.60, 5.65, 5.70, 5.75, 5.80, 5.85, 5.90, 5.95, 6.00, 6.05, 6.10, 6.15, 6.20, 6.25, 6.30, 6.35, 6.40, 6.45, 6.50, 6.55, 6.60, 6.65, 6.70, 6.75, 6.80, 6.85, 6.90, 6.95, 7.00, 7.05, 7.10, 7.15, 7.20, 7.25, 7.30, 7.35, 7.40, 7.45, 7.50, 7.55, 7.60, 7.65, 7.70, 7.75, 7.80, 7.85, 7.90, 7.95, 8.00, 8.05, 8.10, 8.15, 8.20, 8.25, 8.30, 8.35, 8.40, 8.45, 8.50, 8.55, 8.60, 8.65, 8.70, 8.75, 8.80, 8.85, 8.90, 8.95, 9.00, 9.05, 9.10, 9.15, 9.20, 9.25, 9.30, 9.35, 9.40, 9.45, 9.50, 9.55, 9.60, 9.65, 9.70, 9.75, 9.80, 9.85, 9.90, 9.95, 10.00, 10.05, 10.10, 10.15, 10.20, 10.25, 10.30, 10.35, 10.40, 10.45, 10.50, 10.55, 10.60, 10.65, 10.70, 10.75, 10.80, 10.85, 10.90, 10.95, 11.00, 11.05, 11.10, 11.15, 11.20, 11.25, 11.30, 11.35, 11.40, 11.45, 11.50, 11.55, 11.60, 11.65, 11.70, 11.75, 11.80, 11.85, 11.90, 11.95, 12.00, 12.05, 12.10, 12.15, 12.20, 12.25, 12.30, 12.35, 12.40, 12.45, 12.50, 12.55, 12.60, 12.65, 12.70, 12.75, 12.80, 12.85, 12.90, 12.95, 13.00, 13.05, 13.10, 13.15, 13.20, 13.25, 13.30, 13.35, 13.40, 13.45, 13.50, 13.55, 13.60, 13.65, 13.70, 13.75, 13.80, 13.85, 13.90, 13.95, 14.00, 14.05, 14.10, 14.15, 14.20, 14.25, 14.30, 14.35, 14.40, 14.45, 14.50, 14.55, 14.60, 14.65, 14.70, 14.75, 14.80, 14.85, 14.90, 14.95, 15.00, 15.05, 15.10, 15.15, 15.20, 15.25, 15.30, 15.35, 15.40, 15.45, 15.50, 15.55, 15.60, 15.65, 15.70, 15.75, 15.80, 15.85, 15.90, 15.95, 16.00, 16.05, 16.10, 16.15, 16.20, 16.25, 16.30, 16.35, 16.40, 16.45, 16.50, 16.55, 16.60, 16.65, 16.70, 16.75, 16.80, 16.85, 16.90, 16.95, 17.00, 17.05, 17.10, 17.15, 17.20, 17.25, 17.30, 17.35, 17.40, 17.45, 17.50, 17.55, 17.60, 17.65, 17.70, 17.75, 17.80, 17.85, 17.90, 17.95, 18.00, 18.05, 18.10, 18.15, 18.20, 18.25, 18.30, 18.35, 18.40, 18.45, 18.50, 18.55, 18.60, 18.65, 18.70, 18.75, 18.80, 18.85, 18.90, 18.95, 19.00, 19.05, 19.10, 19.15, 19.20, 19.25, 19.30, 19.35, 19.40, 19.45, 19.50, 19.55, 19.60, 19.65, 19.70, 19.75, 19.80, 19.85, 19.90, 19.95, 20.00, 20.05, 20.10, 20.15, 20.20, 20.25, 20.30, 20.35, 20.40, 20.45, 20.50, 20.55, 20.60, 20.65, 20.70, 20.75, 20.80, 20.85, 20.90, 20.95, 21.00, 21.05, 21.10, 21.15, 21.20, 21.25, 21.30, 21.35, 21.40, 21.45, 21.50, 21.55, 21.60, 21.65, 21.70, 21.75, 21.80, 21.85, 21.90, 21.95, 22.00, 22.05, 22.10, 22.15, 22.20, 22.25, 22.30, 22.35, 22.40, 22.45, 22.50, 22.55, 22.60, 22.65, 22.70, 22.75, 22.80, 22.85, 22.90, 22.95, 23.00, 23.05, 23.10, 23.15, 23.20, 23.25, 23.30, 23.35, 23.40, 23.45, 23.50, 23.55, 23.60, 23.65, 23.70, 23.75, 23.80, 23.85, 23.90, 23.95, 24.00, 24.05, 24.10, 24.15, 24.20, 24.25, 24.30, 24.35, 24.40, 24.45, 24.50, 24.55, 24.60, 24.65, 24.70, 24.75, 24.80, 24.85, 24.90, 24.95, 25.00, 25.05, 25.10, 25.15, 25.20, 25.25, 25.30, 25.35, 25.40, 25.45, 25.50, 25.55, 25.60, 25.65, 25.70, 25.75, 25.80, 25.85, 25.90, 25.95, 26.00, 26.05, 26.10, 26.15, 26.20, 26.25, 26.30, 26.35, 26.40, 26.45, 26.50, 26.55, 26.60, 26.65, 26.70, 26.75, 26.80, 26.85, 26.90, 26.95, 27.00, 27.05, 27.10, 27.15, 27.20, 27.25, 27.30, 27.35, 27.40, 27.45, 27.50, 27.55, 27.60, 27.65, 27.70, 27.75, 27.80, 27.85, 27.90, 27.95, 28.00, 28.05, 28.10, 28.15, 28.20, 28.25, 28.30, 28.35, 28.40, 28.45, 28.50, 28.55, 28.60, 28.65, 28.70, 28.75, 28.80, 28.85, 28.90, 28.95, 29.00, 29.05, 29.10, 29.15, 29.20, 29.25, 29.30, 29.35, 29.40, 29.45, 29.50, 29.55, 29.60, 29.65, 29.70, 29.75, 29.80, 29.85, 29.90, 29.95, 30.00, 30.05, 30.10, 30.1

[illegible]

the 1990s, the number of people in the world who are undernourished has declined from 1.1 billion to 800 million. The number of people who are malnourished has declined from 1.5 billion to 1 billion. The number of people who are obese has increased from 100 million to 300 million. The number of people who are overweight has increased from 100 million to 300 million. The number of people who are obese and overweight has increased from 100 million to 300 million. The number of people who are obese and overweight has increased from 100 million to 300 million.

Figure 1. The effect of the concentration of the  $\text{H}_2\text{O}_2$  solution on the amount of the released  $\text{H}_2\text{O}$  from the  $\text{H}_2\text{O}_2$ -loaded hydrogel. The amount of the released  $\text{H}_2\text{O}$  was measured by the weight difference of the hydrogel before and after the release. The concentration of the  $\text{H}_2\text{O}_2$  solution was 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, and 1.0 wt. %.

[illegible]