

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**RECEIVED**

**MISCELLANEOUS REPORTS ON WELL**

**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-offs, 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	<b>X</b>	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**

**July 29, 1940**

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 & Refining Company** **N. M. State "M"** Well No. **3** in the  
Company or Operator Lease  
**Center of SE/4 of SE/4** of Sec. **18**, T. **22-S**, R. **37-E**, N. M. P. M.,  
**Arrowhead** Field, **Lee** County

The dates of this work were as follows: **July 24 and 25th, 1940**

Notice of intention to do the work was (~~waived~~) submitted on Form C-102 on **July 24** 19**40**  
and approval of the proposed plan was (~~waived~~) obtained. (Cross out incorrect words.)

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Perforated 5-1/2" casing with 4 shots spaced at 3561', 3564', 3568', and 3574' and set Halliburton Yowell Packer over perforations. Treated with 600 gallons of Halliburton Acid from 3561' to 3574' in lime formation. Lowered Yowell Packer into open hole and treated with 400 gallons Halliburton Acid from 3625' to 3655' in lime formation. Killed well with oil and pulled tubing to remove packer and re-ran 3633' of 2" tubing with 3' perforated sub on bottom. On 8 hour test well flowed 96 bbls. fluid, 30% water. Average oil produced at rate of 8.4 bbls. per hour, 202 bbls. per day. Gas Volume-250 MCF per day. Gas-oil ratio 1252. Tubing pressure 60#, Casing pressure 250#, gravity 37.2

Witnessed by **No witness appeared.**

Company

Title

Subscribed and sworn to before me this

**29th** day of **July**, 19**40**

**Willie Mae Ferguson**  
Notary Public

My Commission expires **6/1/41**

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

Name **R. A. Brown**

Position **Division Chief Clerk**

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

Address **Box 1600 - Midland, Texas**

Remarks:

**Roy Garbrough**  
Name

Title

FORM C-102  
DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED  
JUL 26 1940  
NEW MEXICO

MISCELLANEOUS REPORTS ON WELL

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-offs, 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	<b>X</b>
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

July 24th, 1940

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 & Refining Company N. M. State "M" Well No. 3 in the

Center of SE/4 of SE/4 of Sec. 18, T. 22-S, R. 37-E, N. M. P. M.,  
Arrowhead Field, Lea County

The dates of this work were as follows: July 2nd, 1940

Notice of intention to do the work was (present) submitted on Form C-102 on July 2nd 1940  
and approval of the proposed plan was (present) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Plugged back from 3710' to 3700' with 10 sacks cement. Two sacks of aquagel and 1 bale of fibratex was run ahead of cement. 3644' of 2" tubing set at 3656'. Swabbed well 10 hours, swabbing 5 bbls. fluid per hour, shake-out 30% Water. Well headed after each pull but failed to flow.

Witnessed by \_\_\_\_\_ Name \_\_\_\_\_ Company \_\_\_\_\_ Title \_\_\_\_\_

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

24th day of July, 1940

Winnie Mae Ferguson  
Notary Public

My Commission expires 6/1/41

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

Name Roy H. Hecox

Position Division Chief Clerk

Representing Humble Oil & Refining Company  
Company or Operator

Address \_\_\_\_\_

Remarks:

Roy Hecox  
Name

OIL & GAS INSPECTOR

## 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	<b>X</b>
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 DEEPEN WELL		NOTICE OF INTENTION TO PLUG WELL	

Midland, Texas

July 24, 1940

Place

Date

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the \_\_\_\_\_ Center of  
**Humble Oil & Refining Company** **N. M. State "M"** Well No. **3** in **SE/4 of SE/4**  
 Company or Operator Lease  
 of Sec. **18**, T. **22-S**, R. **37-E**, N. M. P. M., **Arrowhead** Field,  
**Lee** County.

## FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

To gun perforate 5-1/2" casing with 4 shots spaced at 3561', 3564', 3568' and 3574', set Halliburton Yowell packer over perforations and acid treat with 600 gallons of Halliburton Acid from 3561' to 3574' in lime formation. Also to lower packer into open hole and treat with 400 gallons Halliburton Acid from 3655' to 3625' in lime formation. 5-1/2" casing set at 3600' and acid to be flushed out to prevent damage to casing seat. Well was swabbed for 8 hours and made 40 bbls. fluid, 30% BS&W, heading after each pull but failing to flow.

JUL 26 1940

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

HUMBLE OIL &amp; REFINING COMPANY

Company or Operator

By

Position

Division Chief Clerk

Send communications regarding well to

Name Mr. J. W. House

Address Box 1600 - Midland, Texas

OIL CONSERVATION COMMISSION,

By

Title

OIL &amp; GAS INSPECTOR

FORM C-102  
**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED  
JUL 5 - 1940  
HOBBS OFFICE

MISCELLANEOUS REPORTS ON WELL

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REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Midland, Texas

July 3rd, 1940

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 & Refining Company N. M. State "M" Well No. 3 in the

Center of SE/4 of SE/4 of Sec. 18, T. 22-S, R. 37-E, N. M. P. M.,  
Arrowhead Field, Lea County

The dates of this work were as follows: June 25th, 1940

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on June 25th 1940  
and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Treated with 3000 gallons of Halliburton Acid from 3614' to 3710'. Swabbed out acid and oil load, and well flowed by heads. Swabbed down to 1200' and well flowed 10 hours at approximately 12 bbls. per hour 40% Water. Swabbed for 8 hours at rate of 15 bbls. per hour, Shake-out 75% BS&W. Water appears to be formation water. Well will be plugged back in an attempt to shut off this water.

Witnessed by No Witness necessary

Name	Company	Title
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Subscribed and sworn to before me this  
3rd day of July, 1940

Winnie Mae Ferguson  
Notary Public

My Commission expires 6/1/41

Remarks:

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

Name *R. J. Brown*

Position Division Chief Clerk

Representing Humble Oil & Refining Co.  
Company or Operator

Address Box 1600 - Midland, Texas

*Roy Zachary*  
Name  
OIL & GAS INSPECTOR  
Title