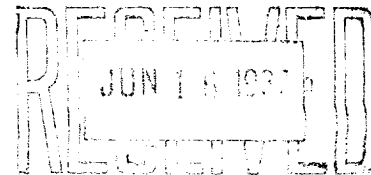


NEW MEXICO OIL CONSERVATION COMMISSION

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	
REPORT ON RESULT OF SHOOTING CHEMICAL TREATMENT OF WELL	XXX	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			

Hobbs, New Mexico June 1937.

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 _____

GULF OIL CORPORATION **C. Bates** Well No. **#1** in the
Company or Operator **GYPSY DIVISION** Lease
SE/4 of Sec. **26**, T. **19**, R. **36**, N. M. P. M.,
Monument Field, **Lea** County.

The dates of this work were as follows: _____

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

May 31st 1937 acidized with 5,000 gallons

Test before acid and after shot:- No test, flowed small heads after each run of swab.

Test After acid:- 30 barrels in 12 hours with outside gas, cutting 2% BS&W.

DUPLICATE

Witnessed by **C. L. Hoppe** **Gulf** **Foreman.**
Clyde Thompson **Chemical Process Co** **Treater.**
Name Company Title

Subscribed and sworn before me this _____

14th day of June, 1937

Notary Public

My commission expires Feb. 8 1941

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

Name **C. Bates**Position **District Supt.**Representing **GULF OIL CORPORATION**Company or Operator **GYPSY DIVISION**Address **Hobbs, New Mexico.**

Remarks:

John A. Baird	Name
Oil Conservation Commission	Title

JUN 16 1937

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

The following information is provided for the purpose of identifying the chemical compound and its properties. The compound is a solid, colorless, and odorless. It is soluble in water and has a melting point of 100°C. The compound is a weak acid and is used in the synthesis of various organic compounds.

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EXPERIMENTAL PROCEDURE

The compound was prepared by the reaction of the following reagents: CH_3COOH , H_2O , and NaOH . The reaction was carried out in a round-bottom flask equipped with a magnetic stirrer and a reflux condenser.

The reaction mixture was stirred for 24 hours at 60°C. The resulting solid was isolated by filtration and dried under vacuum. The yield of the compound was 85%.

The compound was characterized by ^1H NMR spectroscopy. The spectrum showed a broad singlet at δ 11.5 ppm (1H, H_a), a doublet at δ 7.5 ppm (2H, H_b), and a singlet at δ 1.5 ppm (3H, H_c).

The compound was also characterized by IR spectroscopy. The spectrum showed a broad absorption band at 3300 cm^{-1} (H_a), a sharp peak at 1650 cm^{-1} ($\text{C}=\text{O}$), and a peak at 1100 cm^{-1} ($\text{C}-\text{O}$).

The compound was further characterized by mass spectrometry. The molecular ion peak was observed at m/z 151.04, corresponding to the molecular formula $\text{C}_8\text{H}_9\text{O}_2$.

The compound was also characterized by elemental analysis. The calculated values for $\text{C}_8\text{H}_9\text{O}_2$ are: C, 72.00%; H, 5.94%; O, 12.06%. The found values are: C, 71.80%; H, 5.80%; O, 12.20%.

The compound was used in the synthesis of various organic compounds. The compound is a solid, colorless, and odorless. It is soluble in water and has a melting point of 100°C. The compound is a weak acid and is used in the synthesis of various organic compounds.

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