

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 OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Monument, New Mexico
Place

March 26, 1937
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 _____
Barnsdall Oil Company Alaska Cooper Well No. 8 in the
Company or Operator Lease
SE/4 of SE/4 of Sec. 12, T. 20S, R. 56E, N. M. P. M.,
Monument Field, Isa County.

The dates of this work were as follows: March 26, 1937

Notice of intention to do the work was [was ~~not~~] submitted on Form C-102 on March 25, 1937 19____
and approval of the proposed plan was [was ~~not~~] obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

A satisfactory shut off was obtained on the 9 5/8" OD casing by building up a pressure of 1200# and leaving set 30 minutes, as per rules & regulations. This casing is set at 2374' and cemented with 550 sacks of cement.

DUPLICATE

Witnessed by _____ Name _____ Company _____ Title _____

Subscribed and sworn before me this 30

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

5 day of March, 1937
Eddie Mae Masley
Notary Public

Name Lawrence Mills
Position Production Clerk
Representing Barnsdall Oil Company
Company of Operator
Address Pecos, Texas Box #466

My commission expires 6-30

Remarks:

BY [Signature]
Name _____
Oil & Gas Inspector
Title _____

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DEPARTMENT OF CHEMISTRY

1. The first part of the experiment involves the preparation of a standard solution of sodium hydroxide. This is done by weighing a precise amount of sodium hydroxide and dissolving it in a known volume of distilled water in a volumetric flask. The resulting solution is then used to titrate a known volume of a weak acid. The endpoint of the titration is determined by a color change in the indicator.

2. The second part of the experiment involves the determination of the molar mass of an unknown weak acid. This is done by titrating a known mass of the acid with a standard solution of sodium hydroxide. The volume of sodium hydroxide required to reach the endpoint is used to calculate the number of moles of acid present, which is then divided by the mass to give the molar mass.

3. The third part of the experiment involves the determination of the acid dissociation constant (K_a) of a weak acid. This is done by titrating a known volume of the acid with a standard solution of sodium hydroxide and measuring the pH at various points during the titration. The pH is then used to calculate the concentration of the acid and its conjugate base, which are then used to calculate K_a.

4. The fourth part of the experiment involves the determination of the pK_a of a weak acid. This is done by titrating a known volume of the acid with a standard solution of sodium hydroxide and measuring the pH at the half-equivalence point. The pH at this point is equal to the pK_a of the acid.