

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	X	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	Monument		7-27-36

Place _____ Date _____
OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Witnessed by _____
THE OHIO OIL COMPANY, BERTHA BARBER 1
Following is a report on the work done and the results obtained under the heading noted above at the _____
SW₂ SW₂ 32 19 S. 37 E. Well No. _____ in the
Monument Company or Operator _____ Lea
of Sec. _____, T. _____, R. _____, N. M. P. M.,
Field, ~~XXXX~~ 7-21 Co. 56y.

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

Ran 1183 feet of 9-5/8", 40# Casing and cemented w/500 sacks oilwell cement - allowed to stand, then put 1000# pressure on casing for 30 min. - drilled plug tested w/1000# pressure for 1 hours, tested O. K.

HOWARD SMITH

DUPLICATE

Witnessed by _____ Name _____ Company _____ Title _____

Subscribed and sworn to before me this 36
day of July, 19 _____
Notary Public

I hereby swear or affirm that the information given above is true and correct.
Name _____ Supt. *Cherry*
Position _____ THE OHIO OIL COMPANY,
Representing _____ Box 00, HOBBS, NEW MEXICO.
Company or Operator

My Commission expires _____ Address _____

Remarks:

APPROVED
By *[Signature]*
Name _____
Title _____

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DEPARTMENT OF CHEMISTRY

1. The first part of the experiment involves the synthesis of a compound from a starting material. The reaction is carried out in a round-bottom flask equipped with a magnetic stirrer and a reflux condenser. The starting material is weighed and placed in the flask, followed by the addition of the reagents. The mixture is stirred and heated to reflux for a specified period of time.

2. The second part of the experiment involves the purification of the product.

The crude product is dissolved in a suitable solvent and then subjected to a series of extractions to remove impurities. The organic layer is then dried over anhydrous sodium sulfate and filtered. The solvent is removed by rotary evaporation, and the residue is purified by column chromatography using silica gel and a gradient of solvents. The pure product is then dried under high vacuum.

3. The third part of the experiment involves the characterization of the product.

The product is characterized by a series of spectroscopic techniques. The infrared spectrum is recorded to identify characteristic absorption bands. The ¹H NMR spectrum is recorded in CDCl₃ to determine the proton environment. The ¹³C NMR spectrum is recorded in CDCl₃ to determine the carbon environment. The mass spectrum is recorded to determine the molecular weight of the product. The melting point is also determined to provide additional information about the product.

The results of the characterization are compared with those of the starting material and reagents to confirm the identity of the product. The yield of the product is calculated based on the amount of starting material used. The purity of the product is determined by comparing the ¹H NMR spectrum with that of the pure product. The overall success of the experiment is evaluated based on the yield and purity of the product and the accuracy of the characterization data.