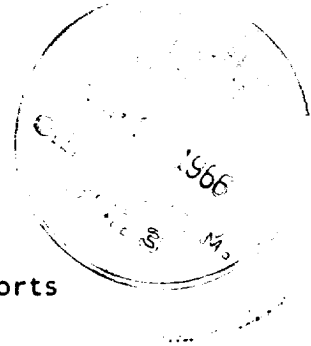


well file

NEW MEXICO OIL CONSERVATION COMMISSION
1000 RIO BRAZOS ROAD
Aztec, New Mexico



*Hughes & Hughes
Box 152
Durango, Colo.*

RE: Plugging Reports

Gentlemen:

Form C-103, Notice of Intention to Plug, your Santa Fe Tr. 8 #1 P-25-20N-11W
Lease Well No. Unit-S-T-R
was approved on 5-9-66. Your subsequent notice of plugging cannot be
approved until a commission representative has made an inspection of the location
to see:

- (1) all pits have been filled and leveled;
- (2) a steel marker, 4" in diameter and approximately 4' above mean ground level, must be set in concrete, this marker must have the quarter-quarter section or unit designation, section, township and range numbers, which shall be permanently stenciled or welded on the marker;
- (3) the location shall be cleared and cleaned of all junk;
- (4) the dead man wires must be cut.

The above are the minimum requirements.

Please notify us by filling in the blank form below when this work has been done so that our representative will not have to make more than one trip to the location.

OIL CONSERVATION COMMISSION

By *Erving Elmer*

Fill in below and return:

Santa Fe Tr. 8 #1 P-25-20N-11W is ready for your inspection and approval.
Lease Well No. Unit-S-T-R

HUGHES & HUGHES
Operator

Paul R. Reever *GEOL.*
Name and title

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
LABORATORY OF ORGANIC CHEMISTRY

EXPERIMENT 1

1. Preparation of the starting material
2. Purification of the starting material
3. Reaction of the starting material

PROCEDURE

1. Weigh out 10.0 g of starting material into a 100 mL round-bottom flask.
2. Add 50 mL of solvent to the flask.
3. Stir the mixture for 1 hour at room temperature.

ANALYSIS

1. IR spectrum of the starting material

2. ¹H NMR spectrum of the starting material

3. ¹³C NMR spectrum of the starting material

RESULTS

1. IR spectrum of the starting material

DISCUSSION

1. The IR spectrum of the starting material shows a strong absorption at 1715 cm⁻¹, which is characteristic of a carbonyl group.

2. The ¹H NMR spectrum of the starting material shows a multiplet at 7.2 ppm, which is characteristic of an aromatic proton.

3. The ¹³C NMR spectrum of the starting material shows a peak at 165 ppm, which is characteristic of a carbonyl carbon.