

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 its 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	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
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 PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico

12-24-35

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intentiton to do certain work as described below at the

Empire Gas and Fuel Co. State D Well No. 3 in NENE 1
Company or Operator Lease
of Sec. 32, T. 21, R. 36, N. M. P. M., Eunice Field,
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Cemented 286' of 12½" casing with 225 sacks, will test on 12-26-35 by bailing hole dry and let set 2 hours, if no water comes in drilling will be resumed.

Approved _____, 19____
except as follows:

Empire Gas and Fuel Co. (Me.)

Company or Operator

By W. H. HankinsPosition District Clerk

Send communications regarding well to

Name D. D. BodieAddress Hobbs, New Mexico

OIL CONSERVATION COMMISSION,

By [Signature]

Title _____

NOTES ON THE NOTATION OF THE ALGEBRA OF SETS
REVISED BY THE AUTHOR

SECTION 1. NOTATION

The notation used in this paper is based on the notation of the algebra of sets as developed by Huntington (1904) and Whitehead and Russell (1903). The notation is as follows:

1. The universal set is denoted by U .

2. The set of all elements which are members of A and not members of B is denoted by $A - B$. The set of all elements which are members of both A and B is denoted by $A \cap B$. The set of all elements which are members of either A or B is denoted by $A \cup B$. The set of all elements which are members of neither A nor B is denoted by $(A \cup B)^c$.

3. The set of all elements which are members of A and B and C is denoted by $A \cap B \cap C$. The set of all elements which are members of A and B and not members of C is denoted by $A \cap B - C$. The set of all elements which are members of A and B and C and D is denoted by $A \cap B \cap C \cap D$.

4. The set of all elements which are members of A and B and C and D and E is denoted by $A \cap B \cap C \cap D \cap E$. The set of all elements which are members of A and B and C and D and E and F is denoted by $A \cap B \cap C \cap D \cap E \cap F$.

5. The set of all elements which are members of A and B and C and D and E and F and G is denoted by $A \cap B \cap C \cap D \cap E \cap F \cap G$.

6. The set of all elements which are members of A and B and C and D and E and F and G and H is denoted by $A \cap B \cap C \cap D \cap E \cap F \cap G \cap H$.

7. The set of all elements which are members of A and B and C and D and E and F and G and H and I is denoted by $A \cap B \cap C \cap D \cap E \cap F \cap G \cap H \cap I$.

8. The set of all elements which are members of A and B and C and D and E and F and G and H and I and J is denoted by $A \cap B \cap C \cap D \cap E \cap F \cap G \cap H \cap I \cap J$.

9. The set of all elements which are members of A and B and C and D and E and F and G and H and I and J and K is denoted by $A \cap B \cap C \cap D \cap E \cap F \cap G \cap H \cap I \cap J \cap K$.