

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	

Monument, New Mexico Place August 4, 1936 Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

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

Amerada Petroleum Corporation State NM Well No. 2 in NE 1/4 NE 1/4
Company or Operator Lease
of Sec. 36, T. 19, R. 36, N. M. P. M., Monument Field,
Lee County.

FULL DETAILS OF PROPOSED PLAN OF WORK
FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

8-5/8" 32# 8-thd. New seamless casing was set in this well at 2421' and cemented by the Hallibuston Method with 500 sacks.

Casing and fittings will be tested with 1200# pump pressure add allowed to stand undisturbed for thirty minutes. If no drop in pressure results, the cement will then be drilled out of the casing and the same test of 1200# pressure again applied and allowed to stand undisturbed for thirty minutes. If no drop in pressur results the drilling will then be resumed.

DUPLICATE

Approved AUG 7 1936, 19____, except as follows:

Amerada Petroleum Corporation
Company or Operator

By J. E. Low

Position Form Boss

Send communications regarding well to

Name J. E. Low

Address Monument, New Mexico

OIL CONSERVATION COMMISSION,
By [Signature]
Title _____

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY

PHYSICAL CHEMISTRY

1. The rate of a reaction is measured at various temperatures. The following data were obtained:

Temperature (K)	Rate constant (s ⁻¹)
298	0.01
308	0.02
318	0.04
328	0.08
338	0.16

2. The activation energy of the reaction is determined to be 50 kJ/mol.

PROBLEM 2

3. The equilibrium constant for the reaction is 10 at 298 K.

4. The standard enthalpy of formation of the product is -100 kJ/mol.

5. The standard entropy of formation of the product is 100 J/mol·K.

6. The standard Gibbs free energy of formation of the product is -100 kJ/mol.

7. The standard Gibbs free energy of formation of the reactant is 0 kJ/mol.

8. The standard Gibbs free energy of formation of the reactant is 0 kJ/mol.

9. The standard Gibbs free energy of formation of the reactant is 0 kJ/mol.

10. The standard Gibbs free energy of formation of the reactant is 0 kJ/mol.

11. The standard Gibbs free energy of formation of the reactant is 0 kJ/mol.

12. The standard Gibbs free energy of formation of the reactant is 0 kJ/mol.

13. The standard Gibbs free energy of formation of the reactant is 0 kJ/mol.

14. The standard Gibbs free energy of formation of the reactant is 0 kJ/mol.

15. The standard Gibbs free energy of formation of the reactant is 0 kJ/mol.