

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____

077363-S.F.

Lease No. _____

Unit _____

30-045-07252

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	<input type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	<input type="checkbox"/>	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	<input type="checkbox"/>	

AUG 3 1958
GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 7, 1958

Well No. 1 is located Kutz Canyon 790 ft. from [N] line and 790 ft. from [W] line of sec. 22

SW 1/4, Sec. 22 (1/4 Sec. and Sec. No.) 25N (Twp.) 10W (Range) N.M. P.M. (Meridian)
W.C. Wab. (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. Ground elevation estimated to be 6060'. Correct elevation will be furnished when it is run.
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

See attached sheet.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Kingwood Oil Company
First National Building
Address Oklahoma City, Oklahoma
Operating under Designation of
Operator executed by Eutz Deep
Test, Inc.
By Ben Spain
Title Chief Clerk

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
RESEARCH REPORT NO. 1000

1955

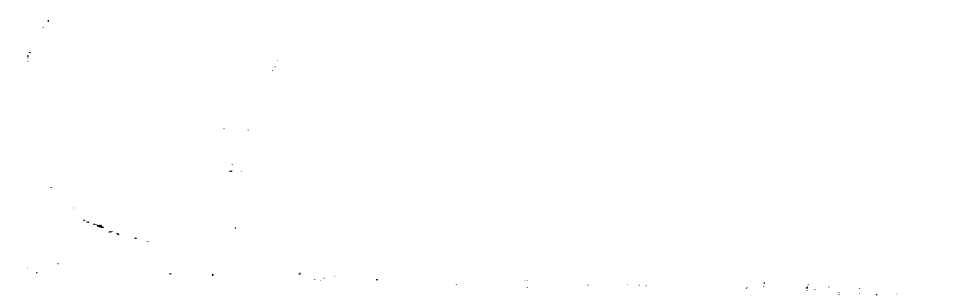
The following table shows the results of the experiments conducted during the course of this investigation. The data are presented in the form of a table, with the first column representing the concentration of the reactants, the second column representing the rate of reaction, and the third column representing the order of reaction. The values in the table are given to two significant figures.

Concentration of Reactants	Rate of Reaction	Order of Reaction
0.10 M	0.010	1.0
0.20 M	0.020	1.0
0.40 M	0.040	1.0
0.80 M	0.080	1.0

The above data indicate that the reaction is first order with respect to the concentration of the reactants.

.....

The rate of reaction is directly proportional to the concentration of the reactants, as shown by the linear relationship between the rate and the concentration in the table above.



The above results are consistent with the proposed mechanism for the reaction, which involves a single step in which the reactants combine to form the product.

U. S.-Kutz Canyon #1 (Dakota)

Location: 790' North of South Line; 790' East of West Line of SW $\frac{1}{4}$ of Section 22-28N-10W, San Juan County, New Mexico.

Elevation: 6060', ground, estimated.

Geologic name of surface formation: Nacimiento.

Drilling & casing plan: It is proposed to drill through the Dakota formation to approximately 7000' and set 5 $\frac{1}{2}$ " casing through same, to total depth.

Type of rig: Rotary.

Proposed depth: 7000'.

Estimated depth to top of important markers:

Cliff House, 3630'	Gallup, 5590'
Point Lookout, 4390'	Greenhorn, 6350'
Mancos, 4720'	Dakota, 6440'

Estimated depths of possible water bearing formations:

Fruitland, 1770'	Point Lookout, 4390'
Pictured Cliffs, 2075'	Dakota, 6440'
Cliff House, 3630'	

Estimated depths of possible oil or gas bearing formations:

Fruitland, 1770'	Point Lookout, 4390'
Pictured Cliffs, 2075'	Gallup, 5590'
Cliff House, 3630'	Dakota, 6440'

Casing: It is proposed to set 10-3/4" surface casing at approximately 300' or to a depth sufficient to protect fresh water and cement to surface. 5 $\frac{1}{2}$ " oil string will be set through the Dakota formation to total depth and cemented with approximately 250 sacks of cement.

Drill stem tests: None contemplated.

Drilling in with oil: Not contemplated.

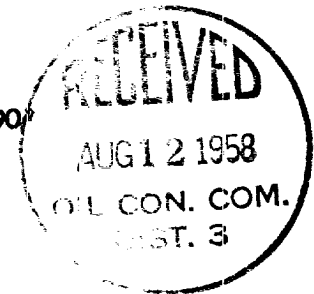
Using reverse circulation: Not contemplated.

Using reverse circulation: Not contemplated.

Perforating opposite pays: It is proposed to perforate the 5 $\frac{1}{2}$ " casing opposite the Dakota formation with 400 jet shots.

Type of mud to be used: Commercial gels and additives. May use some oil in mud.

Electric logging: Electrical log and Microlog will be run.



NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A.

Date _____

Operator KINGWOOD OIL COMPANY Lease SR 077383
Well No. _____ Unit Letter M Section 22 Township 28 NORTH Range 10 WEST, NMPM
Located 790 Feet From the SOUTH Line, 790 Feet From the WEST Line
County SAN JUAN G. L. Elevation _____ Dedicated Acreage 160 Acres
Name of Producing Formation Dakota Pool Undesignated

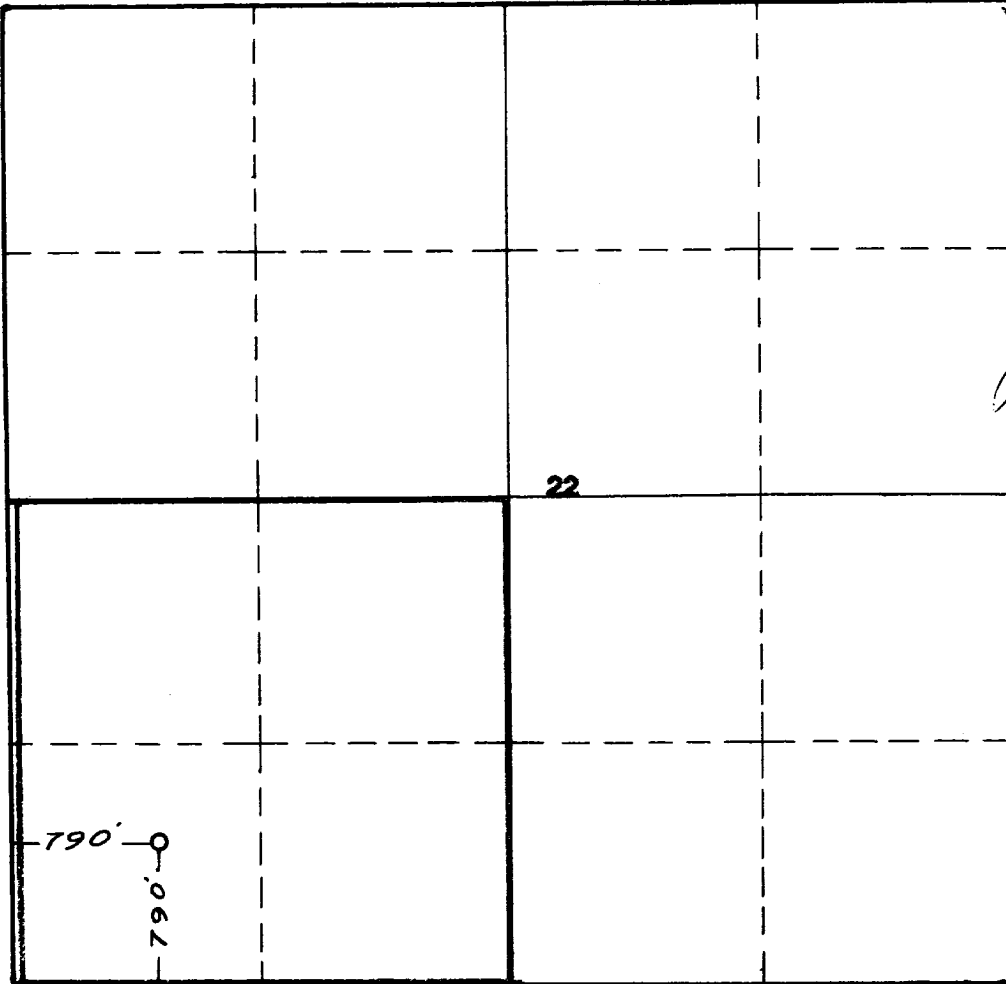
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes No _____.
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:
Ref: GLO plat dated 15 July 1915

Owner

Land Description



Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Kingwood Oil Co.
(Operator)

J. P. [Signature]
(Representative)

St. Mark Building, 4th St. [City]
Address

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed 7 August 1958

James P. Leese
Registered Professional
Engineer and/or Land Surveyor.
James P. Leese

Certificate No. 1463

0 390 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

(See instructions for completing this form on the reverse side)

INSTRUCTIONS FOR COMPLETION:

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for both oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3, Section A, please use space below

* "Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1953 Comp.)