



IN REPLY REFER TO: ✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 965
Farmington, New Mexico

August 14, 1956

Redfern & Marichan
Box 1747
Midland, Texas

Re: New Mexico 021116

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated August 15, 1956 covering your well No. 2 Redfern in SE $\frac{1}{4}$ sec. 16, T. 28 N., R. 11 W., N. M. P. M., San Juan County, New Mexico, Fulcher-Kuts Ext. pool.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.
3. Approved subject to the communitization of the SE $\frac{1}{4}$ sec. 16 to form a unit of 160 acres more or less.

Very truly yours,

(Orig. Sgd.) P. T. McGRATH

P. T. McGrath
District Engineer

PTMcGrath:al

COPY TO O. G. C.



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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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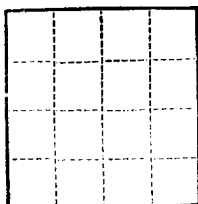


COPY TO C.C.

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe
Lease No. 002116
Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS

AUG 24 1956
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

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

Well No. 2 Redfern is located 1750 ft. from N line and 960 ft. from E line of sec. 16
SE 1/4 16 28N 10W R4PM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Falchero Nuts ext. San Juan N.M.
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5592 ft.

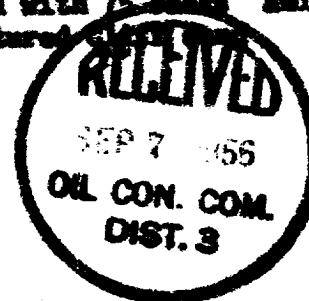
DETAILS OF WORK

(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)

It is proposed to drill a Pictured Cliff gas well test.

Approx. 100' of 8 5/8" surface casing will be cemented with 75 sacks and 4 1/2" casing will be cemented and set 5' into the Pictured Cliff and cement circulated at 1535'.

The well will be completed with cable tools.



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

Company Redfern & Markham
Box 1747
Address Midland, Texas.

By [Signature]
Title _____

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF PHYSICS
CHICAGO, ILLINOIS 60637

TO THE EDITOR:
I am writing to inform you of the results of our recent experiments on the properties of the new material. The data shows a significant increase in conductivity at low temperatures, which is consistent with the theoretical predictions. We have also observed a change in the magnetic susceptibility, which suggests a transition to a new phase. The results are promising and we are currently working on further experiments to confirm these findings.

The experiments were conducted using a standard four-terminal method. The samples were prepared by the standard technique and were of high quality. The measurements were taken in a vacuum chamber to avoid any surface effects. The data was collected over a range of temperatures from 4 K to 300 K. The results are shown in the attached figures.

We are grateful for your interest in our work and for the opportunity to share our results with you. We look forward to your comments and suggestions. Please feel free to contact me if you have any questions or need further information.



Very truly yours,
[Signature]
[Name]
[Title]
[Address]

NEW MEXICO
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date _____

Operator John J. Redfern Jr. Lease _____

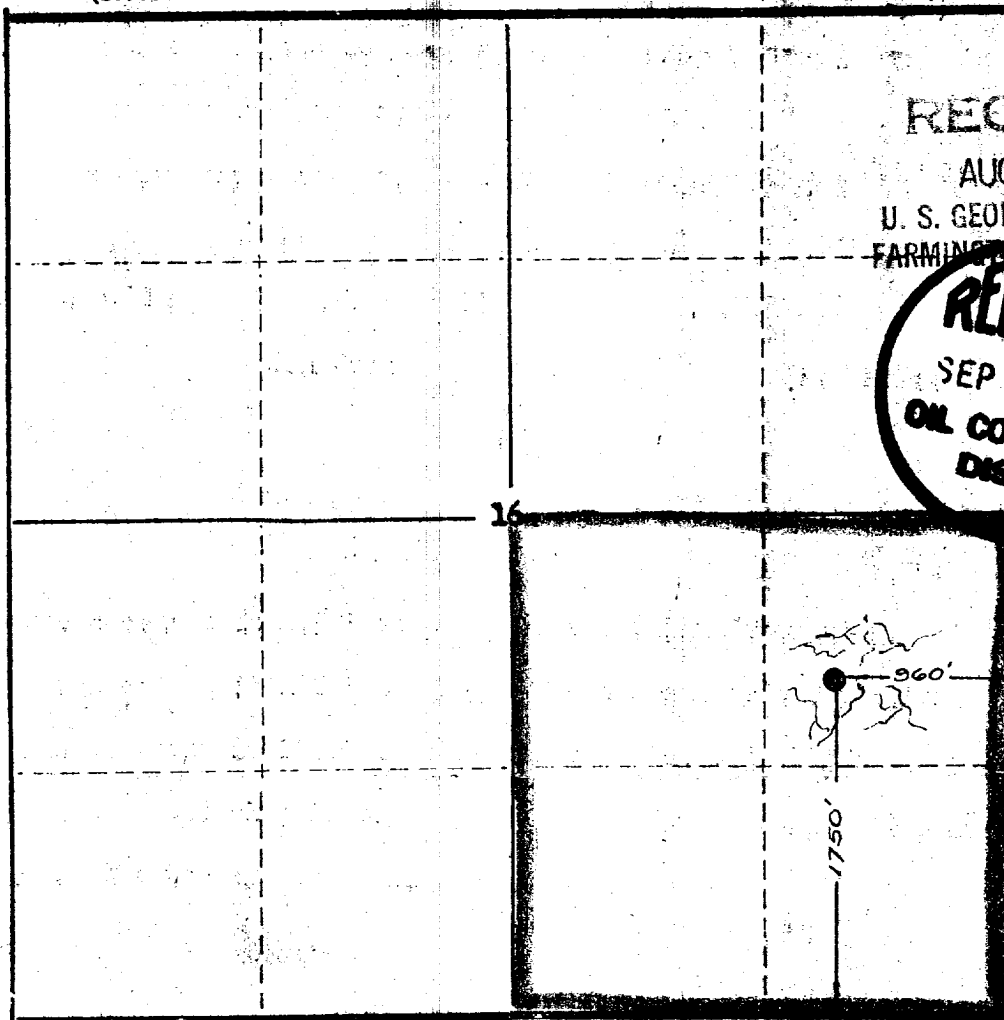
Well No 2, Redfern Section 16 Township 25 North Range 11 West NMPM

Located 1750 Feet From South Line, 960 Feet From East Line,

San Juan County, New Mexico. G. L. Elevation 5590, ungraded.

Name of Producing Formation Richard Ciffo Pool Fitcher-Kyle Est. Dedicated Acreage 160

(Note: All distances must be from outer boundaries of Section)



RECEIVED
AUG 24 1956
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

RECEIVED
SEP 7 1956
OIL CON. COM.
DIST. 2

NOTE

This section of
form is to be
used for gas
wells only.

SCALE: 1"=1000'

1. Is this Well a Dual Comp. ? Yes ☒ No ☐
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage?
Yes ☐ No ☒

Name [Signature]
Position [Signature]
Representing [Signature]
Address [Signature]

This is to certify that the above plat was prepared from field notes of actual survey made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed August 9, 1956

[Signature]
Ernest V. Dehobawk
Reg. Land Surveyor, N. Mex., Reg. No. 1545



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CONGRESS