

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office New Mexico
Lease No. 0111
Unit NW/4

SUNDRY NOTICES AND REPORTS ON WELLS

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)

May 19, 1954, 19

~~Turner~~ - Quantius - FederalWell No. 2-21 is located 990 ft. from (N) line and 1,650 ft. from (W) line of sec. 21

NW/4 Sec. 21

T 26 N

7 W

N. M. P. M.

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

South Blanco Pictured

Rio Arriba County

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

Cliffs Extension

The elevation of the ~~drill floor~~ above sea level is 6,984 ft. (Ungraded Ground)

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)

Propose to drill with rotary tools to the top of the Pictured Cliff Formation - expected between 1,900 feet and 2,100 feet below surface - then drill 4-1/2" at hole through Pictured Cliff formation. Completion with cable tools - and shooting with solidified nitro glycerin or sand oil fracture.

Casing program: 100 feet of 8-5/8" new 8 rd. thd. 32# casing. Circulate to surface.

5-1/2" O.D. 17# seamless casing to be set on top of Pictured Cliffs formation, cemented with 150 sacks regular cement.

1" tubing to be set within 50 feet of total depth for production.

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

Company J. Glenn TurnerAddress Box 121 - Farmington New MexicoHome Office: 1711 Mercantile Bank BuildingDallas 1, Texas

By

Title C. Benson Neal

Agent in Farmington

THEORY OF THE EARTH

The theory of the earth is a branch of geology which deals with the origin and development of the earth and its various parts.

1. Origin

The origin of the earth is a subject which has been the subject of much speculation and controversy. The most common theory is that the earth was formed from a cloud of gas and dust which collapsed under its own gravity.

Another theory is that the earth was formed from a collision of two smaller bodies.

There are many other theories, but none have been proven.

2. Development

The development of the earth is a process which has been going on since its formation. It is a process of change and growth, and it is a process which is still going on today. The development of the earth is a complex process, and it is a process which is still being studied by scientists.

3. Structure

The structure of the earth is a subject which has been the subject of much speculation and controversy. The most common theory is that the earth is made up of a solid core, a liquid mantle, and a thin crust.

There are many other theories, but none have been proven. The structure of the earth is a complex subject, and it is a subject which is still being studied by scientists.

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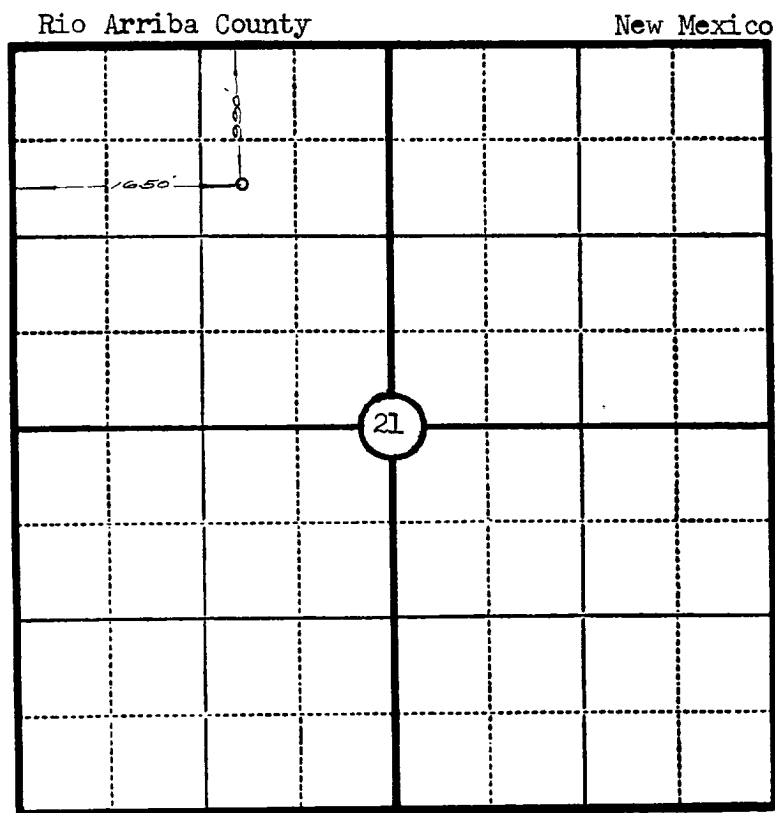
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Company ~~W. O. O'CONNELL~~ J. GLENN TURNER
Lease Quantius Well No. 2-21
Sec. 21, T. 26 N, R. 7 W., N.M.P.M.
Location 990' from the North line and 1650' from
the West line.
Elevation 6984 Ungraded ground.

RECEIVED
MAY 20 1954
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.



Scale—4 inches equal 1 mile.

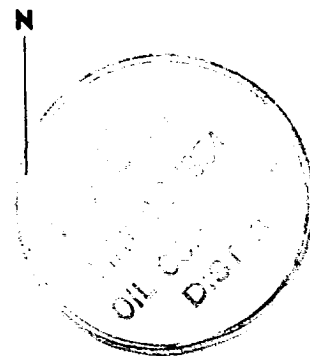
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Charles J. Finklea

Seal:

Registered Professional
Engineer and Land Surveyor.

Charles J. Finklea
N. Mex. Reg. No. 1302



Surveyed 13 May, 1954