

MAY 17 1960 (SUBMIT IN TRIPLICATE)

E. W. STANDLEY
DISTRICT ENGINEER

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Artesia
Lease No. 10-061872-0
Unit M

MAY 13 1960

LLS
ALBUQUERQUE, NEW MEXICO

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	2	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)

Richardson & Ross - USA

May 10, 1960

Well No. 1 is located 660 ft. from S line and 660 ft. from W line of sec. 31

SW of Section 31

($\frac{1}{4}$ Sec. and Sec. No.)

25-3

(Twp.)

33-2

(Range)

DEPT

(Meridian)

Underlined

(Field)

(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 3335 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)

See Attached Program & Plans

ILLEGIBLE

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

Company Tennessee Gas Transmission Company

Address P. O. Box 307

Robbs, New Mexico

By

D. W. Carter

Title **District Production Superintendent**

TENNESSEE GAS AND OIL COMPANY
 PROGNOSIS TO DRILL AND COMPLETE

MAY 13 1960
 U. S. GEOLOGICAL SURVEY
 HOBBS, NEW MEXICO

Lease: Richardson and Bass-USA

Well No.: 1

Field: Wildcat

Location: 660' FSL & 660' FWL, Section 31, T-25-S, R-33-E,
 Lea County, New Mexico

Projected Horizon: Delaware Sand

Estimated Top of Pay: 4800'

Estimated Total Depth: 5000'

Estimated Ground Level Elevation: 3325'

Drilling, Casing & Cement:

1. Drill 9" hole to approximately 350'.
2. Cement 7-5/8" casing at approximately 350' w/sufficient volume to circulate. Casing design as follows: 350' - 7-5/8", 26#, J-55, STAC.
3. WOC 24 hours. Release pressure and install BOP after 12 hours. Pressure test casing after 24 hours w/600 psi for 30 minutes.
4. Drill 6-1/4" hole to Delaware Sand core point at approximately 4800'. Runnet coring point to be determined by the well-site geologist.
5. Core from 4800' to 5000' w/6-1/4" diamond bit.
6. Cement 4-1/2" casing at TD w/sufficient volume to protect all zones of interest. Casing design as follows: 5000' - 4-1/2", 9.5#, J-55, STAC.
7. WOC 24 hours. Release pressure and run temperature survey after WOC 8 hours.
8. Run tubing and pressure test casing w/1500 psi for 30 minutes. Displace water w/oil.
9. Release rotary rig.

Drilling Mud:

1. Drill w/fresh water native mud to approximately 1000'.
2. Drill w/salt saturated mud from 1000' to TD. Mud properties will be adjusted for obtaining good samples. Water loss and filter cake properties will be adjusted to meet coring and drill stem testing requirements.

Geological Data:

Estimated tops of important formations:

	Surface
Quaternary	
Rustler Anhydrite	815'
Salt	1100'
Banded Anhydrite	3100'
Lamar Lime	4760'
Delaware Sand	4800'

10. *Chrysomelidae* (16 spp.)

223931 *Chlorophyll fluorescence and photosynthesis in the leaves of *Pinus massoniana* and *Pinus taeda* under drought stress*. ZHANG, J. and ZHANG, Y. *Journal of Plant Physiology*, 2005, 162, 103-110.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

10. 10-10-10 10-10-10 10-10-10

• *Journal of the American Medical Association*, 1997; 277: 1033-1037

6. The following information was obtained from the records of the Department of Health and Human Services:

• **Prevalence** is the proportion of a population that has a disease at a particular point in time. It is a snapshot of the disease in a population at a particular point in time. It is a measure of the burden of disease in a population.

100-443610-100

[illegible]

$\mathcal{H}^1(\mathbb{R}^n) \subset \mathcal{H}^1(\mathbb{R}^n)$ and $\mathcal{H}^1(\mathbb{R}^n) \subset \mathcal{H}^1(\mathbb{R}^n)$ are the same.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1010 spectrophotometer. The concentration of chlorophylls was expressed in $\mu\text{g mL}^{-1}$ of the sample.

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the study. The next step is to collect data. This is done by the investigator who is responsible for the study. The next step is to analyze the data. This is done by the investigator who is responsible for the study. The next step is to interpret the data. This is done by the investigator who is responsible for the study. The next step is to report the results. This is done by the investigator who is responsible for the study.

[illegible]

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

Prognosis to Drill and Complete -

Drill Stem Tests:

- 摘要：**

- Completion:

- PDL/1m**

1. The first part of the document is a list of the names of the persons who have been named in the document.

2. The second part of the document is a list of the names of the persons who have been named in the document.

3. The third part of the document is a list of the names of the persons who have been named in the document.

4. The fourth part of the document is a list of the names of the persons who have been named in the document.

5. The fifth part of the document is a list of the names of the persons who have been named in the document.

6. The sixth part of the document is a list of the names of the persons who have been named in the document.

7. The seventh part of the document is a list of the names of the persons who have been named in the document.

8. The eighth part of the document is a list of the names of the persons who have been named in the document.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

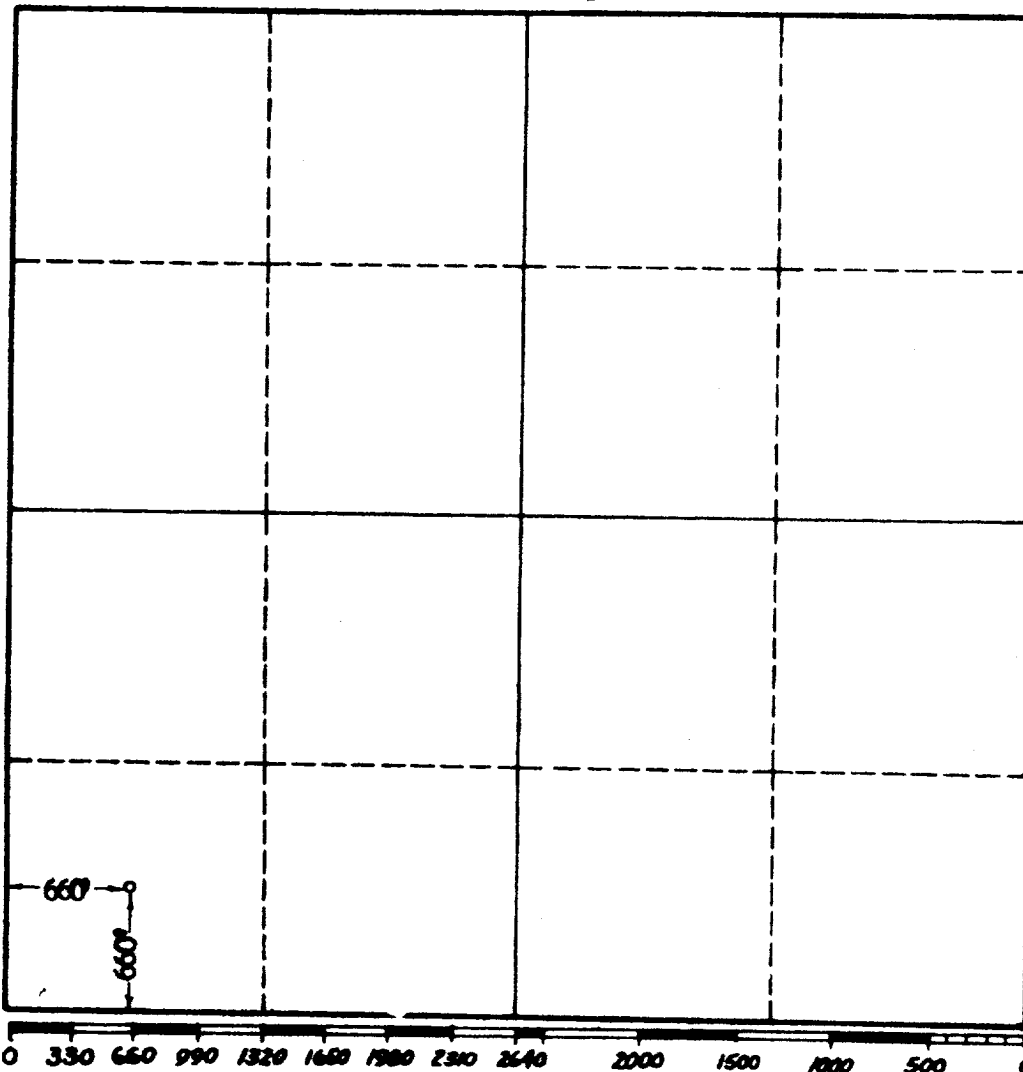
SECTION A

Operator Tennessee Gas Transmission Co.		Lease Richardson & Bass USA		1960 MAY 24 AM 9 31 Well No. 1	
Unit Letter M	Section 31	Township 25S	Range 33E	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the West line					
Ground Level Elev. 3325	Producing Formation		Pool Undesignated	Dedicated Acreage: 40 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO ____ . ("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 1935 Comp.)
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:

Owner	Land Description
	LIVED MAY 13 1960 U. S. GEOLOGICAL SURVEY HOBBS, NEW MEXICO CERTIFICATION

SECTION B



I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name
D. W. Coffey
Position
District Production Supt.
Company
Tennessee Gas Transmission Co.
Date
May 10, 1960

I hereby 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.

REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR
STATE OF NEW MEXICO
Date Surveyed
5/4/60
Registered Professional Engineer and/or Land Surveyor, **JOHN W. WEST**
Certificate No. **1018**
N.M. - P.E. & L.S. NO. 676

R 33 E

25
36

30 29
31 32

Wm. S. Wright
T. G. T.

T. G. T.

MAY 18 1960

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

T. G. T.

T. G. T.

T
25
S

Jennings

660'
660'

RICHARDSON & BASS — USA

6 5

TENNESSEE GAS AND OIL COMPANY
DIVISION OF TENNESSEE GAS TRANSMISSION COMPANY

LOCATION PLAT

RICHARDSON & BASS-USA- No. 1
KINGS AREA

Sec. 31, T 25 S, R 33 E
SOUTHWEST LEA COUNTY, NEW MEXICO

SCALE 1" = 1000'

R. E. C.