

# B. & R. SERVICE, INC.

## TEMPERATURE SURVEY

COMPANY EL PASO NATURAL GAS COMPANY

WELL FLORANCE D#16

FIELD

COUNTY SAN JUAN

STATE NEW MEXICO

SEC. H-20 TWP. 27N

RGE. 8W

APPROX. TOP CEMENT 1680'

Survey Begins at 1000' Ft. Ends at 2494' Ft.

Approx. Fill-Up Max. Temp. 87°@2494'

Log Measured From G.L. Run No. 1

Casing Size

Casing Depth

Diam of Hole

Depth

27" from

to 2867'

from

to

from

to

from

to

Date of Cementing JUNE 1, 1966

Time

Date of Survey JUNE 2, 1966

Time 7:00 A.M.

Amount of Cement 210 SACKS

Type

Amount of Admix 2% GEL.

Type

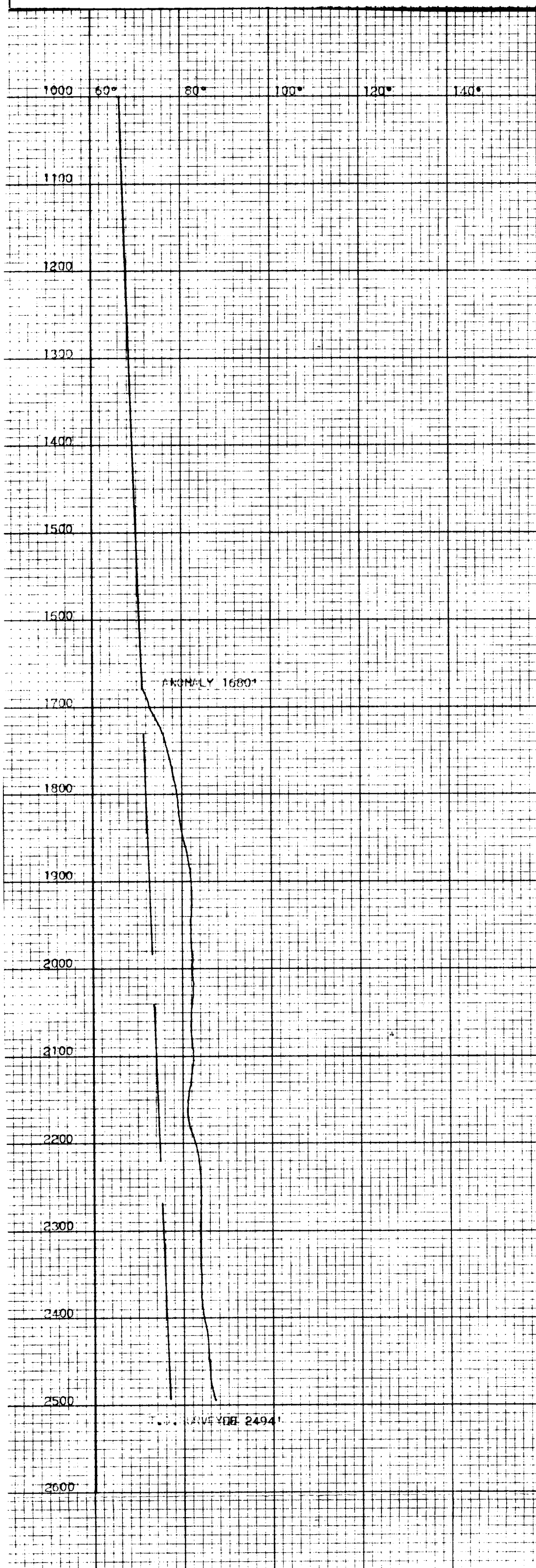
Recorded by WILSON

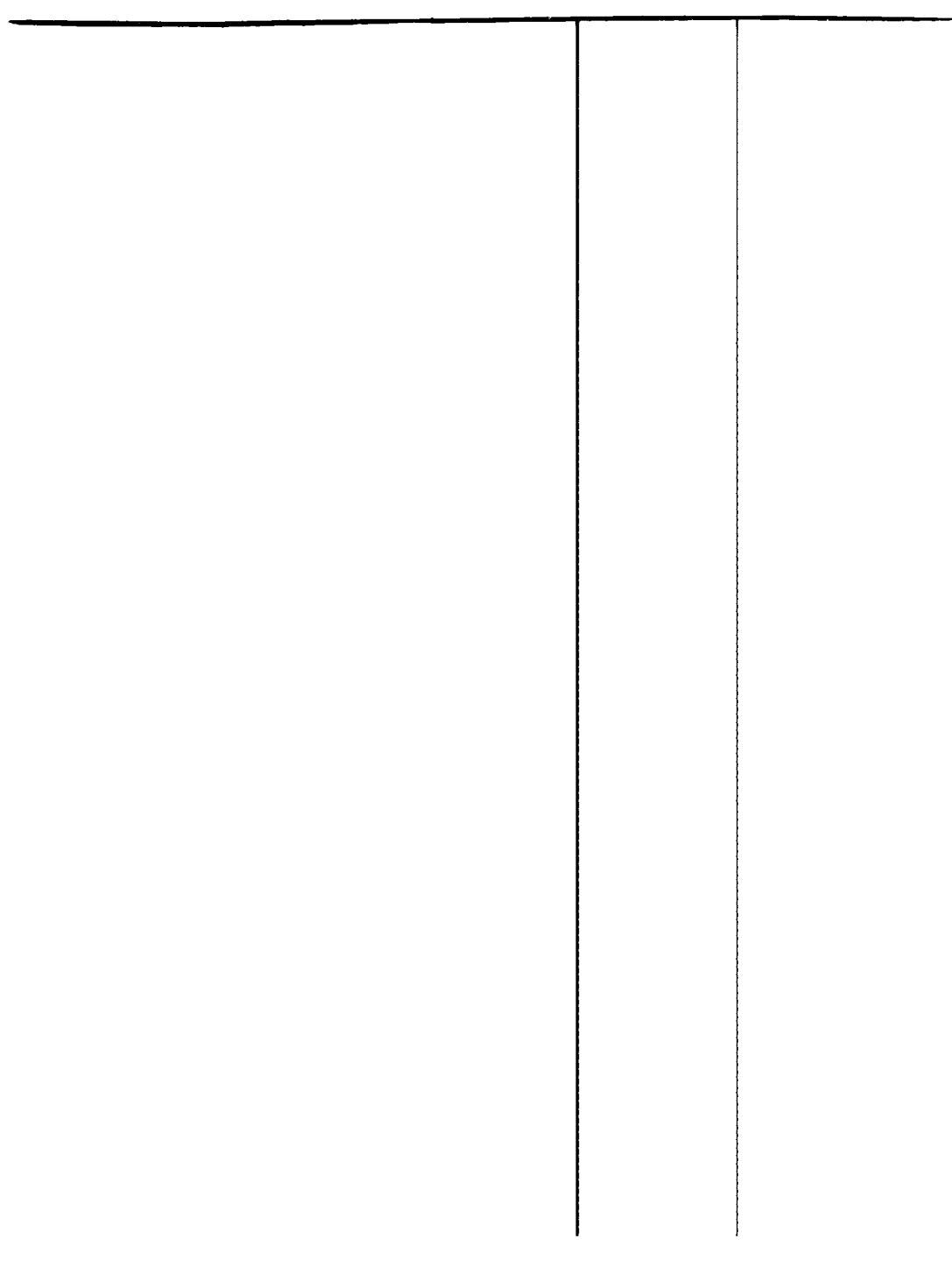
Witnessed by

REMARKS OR OTHER DATA

RECEIVED  
JUN 9 1966  
OIL CON. COM.  
DIST. 3

## TEMPERATURE IN DEGREES FAHRENHEIT





# El Paso Natural Gas Company

El Paso, Texas

April 22, 1966

ADDRESS REPLY TO:  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO

Mr. A. L. Porter, Secretary and Director  
Oil Conservation Commission  
Box 2088  
Santa Fe, New Mexico - 87501

Dear Sir:

This is a request for administrative approval for an unorthodox gas well location in the South Blanco Pictured Cliffs Pool.

It is intended to locate the well, El Paso Natural Gas Company Florance D No. 16, 2357 feet from the North line and 800 feet from the East line of Section 20, Township 27 North, Range 8 West, N.M.P.M., San Juan County, New Mexico. The NE/4 of Section 20 is dedicated to this well.

As shown on the enclosed plat, the NE/4 of Section 20 consists of steep rock cliffs. The only accessible land for a well in the NE/4 is that which makes the location unorthodox. It is, therefore planned to make the location unorthodox in order that the extremely high cost of constructing an orthodox location be avoided.

Since El Paso Natural Gas Company holds all leases within the 790' radius the consent of any other operators to said location is not necessary.

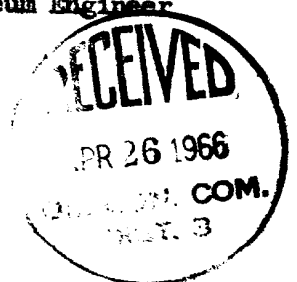
I am enclosing two copies of the certified well location plat, and two copies of the notice of intention to drill.

Yours very truly,

Original Signed F. H. WOOD  
F. H. Wood,  
Regional Petroleum Engineer

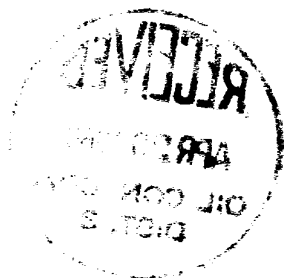
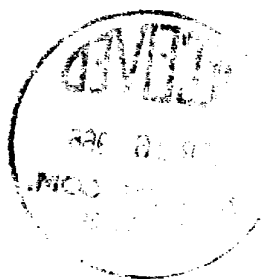
FEW:dgb

cc: T. W. Bittick  
Emery Arnold  
P. T. McGrath



C O P Y

RECEIVED



RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

El Paso Natural Gas Company

## 3. ADDRESS OF OPERATOR

Box 990, Farmington, New Mexico

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

2357'N, 800'E

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 16. NO. OF ACRES IN LEASE

## 19. PROPOSED DEPTH

2886'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6726' GL

## 22. APPROX. DATE WORK WILL START\*

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	20#	120'	85 Sks.
6 1/4"	2 7/8"	6.4#	2886'	100 Sks.

Selective zones in the Pictured Cliffs formation will be perforated and fractured.

The NE/4 of Section 20 is dedicated to this well.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Original Signed F H WOODTITLE Petroleum EngineerDATE 4-22-66

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator EL PASO NATURAL GAS COMPANY Lease FLORANCE "D" Well No. NM-03380  
 Unit Letter H Section 20 Township 27-N Range 8-E County SAN JUAN  
 Acreage Location of Well 2357 feet from the NORTH line and 300 feet from the EAST line  
 Existing Formation 6726 PICTURED CLIFFS SOUTH BLANCO PICTURED CLIFFS Dedicated Acreage 160

Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below

If more than one lease is dedicated to the well, outline each and identify the ownership thereof both as to working interest and royalty.

If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated, communitized, unitization, forced-pooling, etc?

Yes ☐ No ☐ If answer is "yes," type of consolidation \_\_\_\_\_

If drawn, attach list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary)

Consolidation will be achieved to the well until all interests have been consolidated by communitization, unitization, forced-pooling, or otherwise, or until a non-standard unit, eliminating similar interests, has been approved by the Commission

**NOTE: THIS PLAT REISSUED TO SHOW TERRAIN 4-21-66**

**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Original Signed F. H. WOOD

Name

**Petroleum Engineer**

Position

**El Paso Natural Gas Company**

Company

**April 22, 1966**

Date

I hereby certify that the well location shown on this plat 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

**MARCH 30, 1966**

Registered Professional Engineer  
and/or Licensed Surveyor

Certificate No.

**1760**

