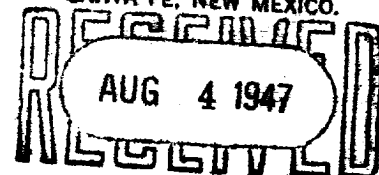


**STANDARD OIL COMPANY OF TEXAS** NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO.

P. O. Box 1660  
Midland, Texas  
July 31, 1947



*Copy to  
Macey for  
info - not approval*

New Mexico Oil Conservation Commission  
Santa Fe, New Mexico

Attention: Mr. R. R. Spurrier, State Geologist

Gentlemen:

We hand you herewith in triplicate our Notice of Intention to Drill Standard Oil Company of Texas Gabriel Y. Blaise, Jr. No. 1 Well in the NE/4 SE/4, Section 18, Township 21 South, Range 18 East, Otero County, New Mexico. We also hand you herewith certified plats showing the location of this well with reference to section lines.

This well is to be drilled on Federal Permit No. Las Cruces 062828, and our Notice of Intention to Drill has been conditionally approved by the U. S. Geological Survey on July 25, subject to a justification in writing for the well being drilled a distance of only 120' from the East line of Section 18, also subject to the submission to it of four copies of a certified plat of the location. These conditions are being complied with by letter today.

We submit to you the following as justification for making the location of Standard Oil Company of Texas Blaise No. 1 Well at a point 120' west of the East line and 2369' north of the South line of Section 18, Township 21 South, Range 18 East, Otero County, New Mexico:

Aside from the primary consideration of locating this test on top of the structure, two other factors must be taken into account - topography and faulting.

The Scarp structure lies along the crest of a high scarp with steep west slope and gentle east slope. The gentle east slope offers more opportunity to make the location of the test conform to the land lines, but a test on top of the scarp would start 1500' higher stratigraphically than the proposed location near the foot of the scarp and would have to penetrate nearly 1000' of cavernous limestone (San Andres formation) which has been eroded from the proposed location. Water would

AUG 4 1947

4. 6. 1961  
 11/11/61  
 11/11/61

new Mexico 110  
new Mexico 110

Approved: \_\_\_\_\_, Secretary, S. J. M. Institute

Internal Line 5

the location of this well with reference to section lines.  
You also hand your herewith certified plat showing  
Country, New Mexico. Also hand your herewith certified plat showing  
in the NE 1/4 Sec 18, Township 21 South, Range 16 East, Goveo  
County, Kansas. Also hand your herewith certified plat showing  
the location of this well with reference to section lines.  
We hand your herewith in triplicate the Notice of Intention to  
Drill Standard Oil Company of Kansas (Daniel F. Daise, Jr. No. 1 Well  
in the NE 1/4 Sec 18, Township 21 South, Range 16 East, Goveo  
County, Kansas) to the public in triplicate the Notice of Intention to

This well is to be drilled on Federal Permit No. 1253 issued 0031257, and our Notice of Intention to Drill has been conditionally approved by the U. S. Geological Survey on July 25, subject to a final location in writing for the well being drilled a distance of only 100' from the east line of Section 18, also subject to the submission to it of four copies of a certified plat of the location. These conditions are being complied with by letter today.

The subject to you the following as untraveled and boy of fifteen  
 being at Standard Oil Company of Texas Branch No. I Well at a point  
 north of the East line and 1900; south of the South line of section  
 18 Township 21 South Range 16 East State County New Mexico;

[illegible]

The second alternative lies along the crest of a high ridge with steep west slope and gentle east slope. The gentle slope and the location are suitable for the proposed road. The road will be built on top of the ridge beginning at the intersection of the road and the ridge and continuing to the top of the ridge and then down the ridge to the proposed location near the foot of the ridge and will be constructed (approximately 1000' of distance) from the proposed location which has been avoided from the proposed location. Water would

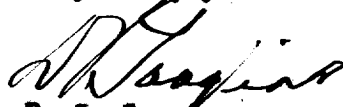
also be more of a problem on top the scarp.

The Scarp structure has a major fault along its west side with a vertical displacement of approximately 1300' down thrown to the west. Outcrops along the fault indicate that the plane of the fault is probably nearly vertical with steep dip to the west, but in spite of these indications it is entirely possible that the fault is a reverse fault with its plane dipping steeply to the east. Consequently, it is necessary to make the location a safe distance east of this major fault, as well as a minor fault that branches off the major fault in the vicinity of the location.

The location for the test of the structure has been made at the foot of the scarp to avoid drilling through the cavernous San Andres limestone which would be necessary at any location on top of the scarp. It has been placed as far east as rough topography permits in order to avoid the danger of crossing the major fault or any associated fault at depth. The selected location is only 1600' east of the major fault and about 800' east of a minor fault. No other location to the north or south can be made as far east of the fault on topography as suitable for building a road and levelling a well site. Locally, the location chosen can be levelled off more easily than any other spot within 300 yards.

In the event it is necessary that a special hearing be called to further justify the location which we propose, we request that such a hearing be called at your earliest convenience.

Very truly yours

  
D. S. Goggins  
Div. Petroleum Engr.  
Western Division

DSG/pb

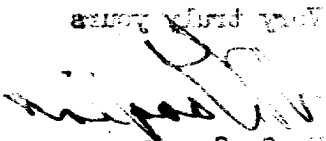
cc - Mr. Glenn Staley, Chairman  
Lea County Operators Committee

also as more of a problem on top the camp.

The camp is situated on a water fault along the same line with a vertical displacement of approximately 1000' down throw to the west. On the opposite side of the fault the plane of the fault is probably nearly vertical with steep dip to the west, but in spite of these indications it is entirely possible that the fault is a reverse fault with the plane dipping steeply to the east. Consequently, it is necessary to make the location a reasonable distance east of this major fault, as well as a minor fault that branches off the major fault in the vicinity of the location.

The location for the foot of the structure has been made at the foot of the camp to avoid drilling through the enormous sand and gravel layers which would be necessary at the location on top of the camp. It has been placed as far east as possible topography permits in order to avoid the danger of crossing the major fault or any associated fault at depth. The selected location is only 1000' east of the water fault and about 500' east of a minor fault. No other location to the north or south can be made as far east of the fault on topography as suitable for building a road and leveling a well site. Locally the location chosen can be leveled off more easily than any other spot within 300 yards.

In the event it is necessary to make a special meaning be called to the location which we propose, we request that such a location be called at your earliest convenience.

Very truly yours,  
  
J. S. Goetz  
Div. Petroleum Eng.  
Western Division

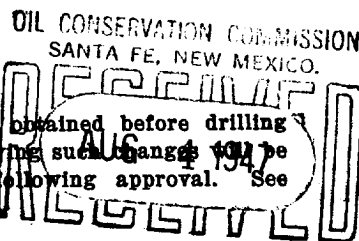
cc - Mr. Glenn Seely, Chairman  
San Antonio Engineers Committee

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## NOTICE OF INTENTION TO DRILL

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes must be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.



Midland, Texas

July 24, 1947

Place

Date

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as

**Standard Oil Company of Texas Gabriel Y. Blaise, Jr.** Well No. **1** in **NE 1/4, SE 1/4**

Company or Operator

Lease

of Sec. **18**, T. **21-S**, R. **18-E**, N. M. P. M., **Wildcat** Field, **Otero** County.

N.

The well is **2360** feet [N.] ~~xxx~~ of the **South** line and **120** feet

~~xxx~~ [W.] of the **East** line of **Section**

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. **-** Assignment No. **-**

If patented land the owner is **-**

Address **-**

If government land the permittee is **Gabriel Y. Blaise, Jr.**

Address **3702 Winkley Ave., Dallas, Texas**

The lessee is **Standard Oil Company of Texas**

Address **Box 1660, Midland, Texas**


AREA 640 ACRES  
LOCATE WELL CORRECTLY

We propose to drill well with drilling equipment as follows:

**Rotary to a depth of 6600'.**

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: **Blanket bond in effect.**

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
24"	20"	48#	New	400'	Cemented	520
17 1/2"	13-3/8"	54.5#	New	2000'	Cemented	1700
12 1/2"	9-5/8"	36#	New	3600'	Cemented	1400
8-3/4"	7"	23#	New	6600'	Cemented	600

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about **2600** feet.

Additional information: **Request is being made to the New Mexico Oil Conservation Commission to grant special hearing to consider irregular location of this well.**

Approved \_\_\_\_\_, 19 **47**  
except as follows:

Sincerely yours,

**STANDARD OIL COMPANY OF TEXAS**  
Company or Operator

**D. S. Googins**

Position **Division Petroleum Engineer**

Send communication regarding well to

Name **Standard Oil Company of Texas**

Address **P.O. Box 1660, Midland, Texas**

OIL CONSERVATION COMMISSION,

By \_\_\_\_\_

Title \_\_\_\_\_

REPORT OF THE SECRETARY OF THE INTERIOR

For the year ending June 30, 1900

The Secretary of the Interior has the honor to acknowledge the receipt of the report of the Commissioner of the General Land Office, dated June 1, 1900, and to transmit herewith the same to the Senate and House of Representatives. The report contains a full and complete statement of the work of the Department during the year, and is accompanied by a statement of the receipts and disbursements of the Department.

Receipts	Disbursements	Balance
Land sales	Land sales	
Mineral sales	Mineral sales	
Other sales	Other sales	
Interest	Interest	
Other receipts	Other disbursements	

The report of the Commissioner of the General Land Office is a valuable document, and it is hoped that it will be of service to the Senate and House of Representatives.

Very respectfully,  
The Secretary of the Interior

1 1/2" I.P. & Stone Mound  
Bronze Cap marked  
"T.21S., R.17E, R.18E.S.7,  
S.12, S.13, S.18, U.S.G.L.O.  
Survey 1924"

12  
13

7 8  
18 17

Standard Oil Company of Texas  
Gabriel Y. Blazie, Jr.

3/4" G.I. Pipe &  
Stone mound  
Bronze Cap mkd.  
"1/4, S.17, S.18 U.S.  
G.L.O. Survey  
1925"

120' 10"

2360'

U.S.A.

24

19 20

I, J. B. Zant, do hereby certify  
that this survey was made  
by me and that it is correct

J. B. Zant

Registered Professional Engr.

N

Standard Oil Co. of Texas

Section 18, T.21S., R.18E.  
N.M. Principal Meridian  
Otero Co., New Mexico.

Scale: 1" = 1000 Feet