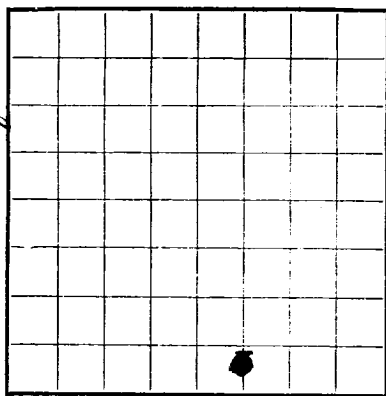


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Form 9-330

Budget Bureau No. 42-R355.2
Approval expires 12-31-52.

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **031844**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Fren Oil Company** Address **208 Hills Bldg., El Paso, Texas**
Lessor or Tract **Max Friess** Field **Premier** State **New Mexico**
Well No. **12** Sec. **19** T. **17S** R. **31E** Meridian **N.M.P.M.** County **Eddy**
Location **610** ft. **(N)** of **South** line and **1980** ft. **(E)** of **East** line of **sec. 19** Elevation **3587**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed **Max Friess**
Title **Partner**

Date **February 18, 1955**

The summary on this page is for the condition of the well at above date.

Commenced drilling **December 14, 1954** Finished drilling **January 24, 1955**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1920'** to **1925' (G)** No. 4, from **3073'** to **3076'**
No. 2, from **1937'** to **1980'** No. 5, from **3088'** to **3105'**
No. 3, from **3060'** to **3068'** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **365'** to **390'** No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Brand	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
8-5/8	20-155	8	S.H.	499'	Reg. Pattern	_____	_____	Surface Str.
7"	_____	_____	C.F.I.	3080'	Halliburton	3060'	3070'	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	499'	50 sacks	Halliburton	_____	None
7"	3080'	125 sacks	Halliburton	_____	None

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from **Top** feet to **3141'** feet, and from _____ feet to _____ feet

DATES

Put to producing **February 11, 1955**

The production for the first 24 hours was **630** barrels of fluid of which **100%** was oil; _____ %

emulsion; _____ % water; and _____ % sediment.

If gas well _____ ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure _____ lbs. per sq. in.

EMPLOYEES

B. Vandegriff Driller **Anderson** Driller

B. B. Spenser Driller **J. Hammond** Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3880	3880	58	Sand
3885	3885	43	Sand
3890	3890	35	Sand
3895	3895	35	Sand
3900	3900	90	Sand and Red Bed
3905	3905	40	Sand and Red Bed
3910	3910	50	Sand and Red Bed
3915	3915	35	Sand and Red Bed
3920	3920	22	Red Bed
3925	3925	13	Red Bed
3930	3930	23	Gypsum and Red Bed
3935	3935	10	Red Bed
3940	3940	75	Gypsum
3945	3945	5	Water Sand
3950	3950	25	Gypsum and Red Bed
3955	3955	25	Water Sand and Red Bed
3960	3960	20	Red Bed
3965	3965	15	Anhy. and Red Bed
3970	3970	35	Red Bed
3975	3975	4	Red Bed
3980	3980	73	Salt
3985	3985	600	Anhydrite
3990	3990	10	Brown Lime
3995	3995	10	Lime
4000	4000	128	Anhydrite
4005	4005	10	Brown Lime-sandy-show of oil
4010	4010	7	Anhydrite
4015	4015	348	Anhydrite

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

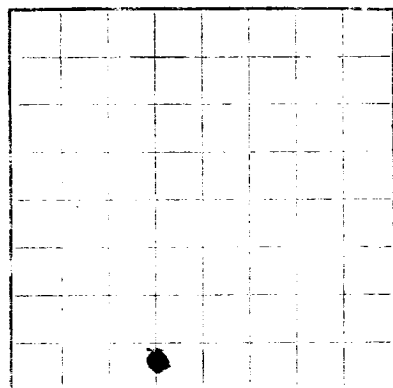
UNITED STATES

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

LES CRUISES
351844

Budget Bureau No. 42-15325
Approved Expires 12-31-23

Form 9-2230



LOCATE WELL CORRECTLY

Company, Texas Oil Co., Inc.
Lessor or Trust Max Crises
Well No. 12 Sec. 19 T. 17N. R. 31E. N. 1/4
Location of well (if on section line and 1/4 sec. line)
Elevation 3087
Address 30111th Ave., El Paso, Texas

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed
Date February 16, 1923

The summary on this page is for the condition of the well at above date.
Commenced drilling December 14, 1922
Finished drilling January 24, 1923

OIL OR GAS SANDS OR ZONES

No. 1 from 1980' to 1985' (G)
No. 2 from 1937' to 1980'
No. 3 from 3060' to 3068'

IMPORTANT WATER SANDS

No. 1 from 362' to 363'
No. 2 from 363' to 364'

Producing was done by Halliburton - perforating by Lane Wells.
and fractured with 10 000 gallons of Texas oil and 15 000 pounds of sand.
Set perforating plug at 3072' - perforated casing from 3060' to 3070'.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was sidetracked or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling. Fractured in open hole from 3080' to 3081' with 10 000 gallons of Texas oil and 15 000 pounds of sand. Perforated in open hole from 3060' to 3070' with 10 000 gallons of Texas oil and 15 000 pounds of sand. Set perforating plug at 3072' - perforated casing from 3060' to 3070'.

HISTORY OF OIL OR GAS WELL

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Casing size	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	459'	50 sacks	Halliburton		None
7"	3060'	125 sacks	Halliburton		None

PLUGS AND ADAPTERS

Adapter - Material	Length	Depth set
Heavy plug - Material		

SHOOTING RECORD

Size	Shells used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 3060' to 3081' in 8" hole.
Cable tools were used from 3060' to 3081' in 8" hole.

DATES

White Time 42
Gray Time 15
White Time 15
Gray Time 15
Sand - Brown or Oil 32
Gray Time - Sandy 6
Gray Time - Reduced Hole 5
Gray Time 64
Gray Time 19
Gray and Brown Time 13
Gray Time 13
Gray Time - Sandy 18
Gray Time 14
Brown Time 22
Gray Time 25
White Time 25
Gray Time 25
Gray Time - Hard 25
Gray Time 25
Gray Time 25
Anhydrite 25
Anhydrite and Red Shale 25
Gray Time - Sand 25
Anhydrite and Lime 25
Gray Time - Hard 25
Anhydrite 25
Red Sand and Red Shale 25
Anhydrite and Anhydrite 25
Brown Time 25
Gray Time 25
Anhydrite and Lime 25
Gray Time 25
Anhydrite 25
Anhydrite and Lime Shells 25
Red Sand 25
Red Sand - slight increase in oil 25
Anhydrite and Lime 25

FORMATION RECORD - Continued

10-43094-2