

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER ----- 721-000

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Standard Oil Co. of Texas Address P.O. Box 1249 Houston 1, Texas
Lessor or Tract Federal 3-20 Field Wildcat State New Mexico
Well No. 1 Sec. 20 T. 24-N R. 7-W Meridian NMPM County Rio Arriba
Location 790 ft. (NN) of N Line and 790 ft. (W) of E Line of Section 20 Elevation 7343

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 **10-25-57**

Title **Field Foreman**

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

Commenced drilling **July 5** 19 **57** Finished drilling **August 9** 19 **57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6113 to 6121 No. 4, from _____ to _____
 No. 2, from 6128 to 6143 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	364	8	J-55	386	Float	-	-	-	Protect wtr.
7	234	8	N-80	554	Float	-	6113	6121	Oil string
7	234	8	J-55	937	Oil OK C&W	-	6128	6143	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	401	200	Plug	9.0	-
7	6277	155	Plug	9.6	-

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 6280 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10-6	19 57	Put to producing	10-3	19 57
------	-------	------------------	------	-------

The production for the first 24 hours was 122 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity. °Bé. 39.7° API

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

B.R. McClain	Driller	C.M. Weathers	Driller
R. Smith	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>TOPS</u>			
2593			Pictured Cliffs
2687			Lewis Shale
4164			Cliff House
4186			Menefee Shale
4868			Point Lookout
5117			Manitou Shale
5905			Gallup Zone

A large rectangular grid consisting of 10 columns and 10 rows of squares, intended for drawing a diagram.

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

so far as can be determined from all available records.

The information given herewith is a complete and correct record of the well and all work done thereon

(Extract from platbook as required)

Location 100 ft N. of E. line and 150 ft W. of E. line of T-2000 S of E. line of T-2000 S Elevation 1523'

Well No. 1 Sec. 34 T. 48-N. R. 1-E. Meridian

Lessor or Tract Federal - 30 Field 1000 State New Mexico

Company Standard Oil Co. of Texas Address P.O. Box 1000 Albuquerque, N. M.

Completed drilling _____ 1957 _____
The summary on this page is for the condition of the well at above date.
Date _____ 1-28-57 _____
Title _____

OIL OR GAS SANDS OR ZONES

(Derecho de uso)

No. 1, from	111	to	110	No. 4, from	207	to	206
No. 2, from	221	to	219	No. 5, from	207	to	206
No. 3, from	301	to	300	No. 6, from	207	to	206

IMPORTANT WATER SANDS

No. 1, from	63	No. 3, from	64
No. 2, from	65	No. 4, from	66

READING RECORD

Case No.	Weight per foot	Thickness	Mark	Amount	Kind of stone	Cut and polished	From	To	Purpose
1	100	1/2		100	Granite	Yes	100	100	For building
2	100	1/2		100	Granite	Yes	100	100	For building
3	100	1/2		100	Granite	Yes	100	100	For building
4	100	1/2		100	Granite	Yes	100	100	For building
5	100	1/2		100	Granite	Yes	100	100	For building
6	100	1/2		100	Granite	Yes	100	100	For building
7	100	1/2		100	Granite	Yes	100	100	For building
8	100	1/2		100	Granite	Yes	100	100	For building
9	100	1/2		100	Granite	Yes	100	100	For building
10	100	1/2		100	Granite	Yes	100	100	For building

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of refilling, 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 piers or bridges were built for water, state kind of material used, position, and results of pumping or hauling.

HISTORY OF OIL OR GAS WELL

11 MUDGING AND CEMENTING RECORD

Case No.	Where set	Number sacks of cement	Rebar bolts	Other bolts	Amount turned to tunnel
1	100	100	100	100	100
2	100	100	100	100	100

PLUGS AND ADAPTERS

Adapters—Material	Size	Heaving plug—Material	Length	Weight

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
(able tools were used from	feet to	feet and from	feet to	feet

2ETAG

[illegible]

EMPLOYEES

[illegible]

FORMATION RECORD

14-00000

CORE 8:
6115-6166: Rec. 51: being: 30' grey-brn l-cg sd w/ slight spotty to good staining, odor & fluorescence, 8' grey-dk sh & sd, 12' yellowish l-cg sd w/ slight staining, odor & fluorescence throughout. No grey sd, no show.

CORE 3:
5887 6166-6217: Rec. 51: being: 51' grey-brn l-cg sd w/ shows as follows: 5' w/ very spotty stain, odor and fluorescence, 9' w/ slight odor, 29' w/ slight odor and faint spotty stain and fluorescence, 4' w/ slight stain, odor and fluorescence, increase in porosity. Core was bleeding gas throughout.

COLE DESCRIPTION

FROM-	TO-	TOTAL FEET	FORMATION
-------	-----	------------	-----------

FORMATION RECORD—Continued