

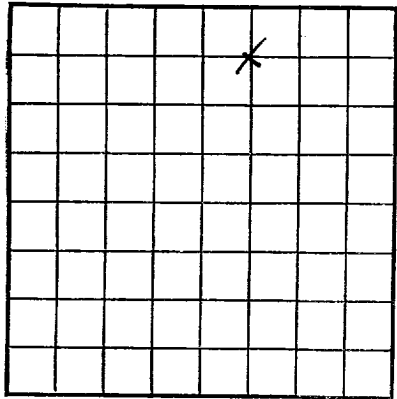
Form 9-330

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 032450-1

LEASE OR PERMIT TO PROSPECT South
Attix Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Stanolind Oil and Gas Company Address Box 191, Tulsa, Oklahoma
Lessor or Tract South Attix Unit Field Attix State New Mexico
Well No. 3 Sec. 22 T. 24S R. 37E Meridian ATN County Lea
Location 660 ft. {N} of 4 Line and 1220 ft. {W} of 5 Line of Section 22 Elevation 3262' DN
(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 Ralph Hendrickson
Date December 22, 1950 Title Field Superintendent

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

Commenced drilling June 23, 1950 Finished drilling November 30, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2,900 to 10,000 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None 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—	
<u>13-3/8</u>	<u>36.0</u>	<u>8</u>	<u>AMCO</u>	<u>310'</u>	<u>None</u>	<u>Surface</u>	<u>None</u>	<u>None</u>	<u>Surface</u>
<u>9-5/8</u>	<u>32.0</u>	<u>8</u>	<u>"</u>	<u>1870'</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
<u>7"</u>	<u>23.0</u>	<u>"</u>	<u>"</u>	<u>3336'</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>Oil String</u>
	<u>26.0</u>	<u>8.30</u>	<u>"</u>	<u>2235'</u>					
	<u>29.0</u>	<u>"</u>	<u>"</u>	<u>1212'</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>331'</u>	<u>350</u> sk.	<u>Displacement</u>	<u>2.00/gal.</u>	
<u>9-5/8</u>	<u>3798'</u>	<u>Two stages - 175</u> sk.	<u>"</u>	<u>2.00/gal.</u>	
<u>7"</u>	<u>9907'</u>	<u>"</u> <u>"</u> <u>1100</u> sk.	<u>"</u>	<u>2.00/gal.</u>	

PLUGS AND ADAPTERS

Heaving plug—Material None 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 Surface feet to 10,000 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Initial Potential Test December 12, 1950 Put to producing December 10, 1950

The production for the first 24 hours was 350 barrels of fluid of which 99.3 % was oil; 0 % emulsion; 0 % water; and 0.7 % sediment. Gravity, API 45°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

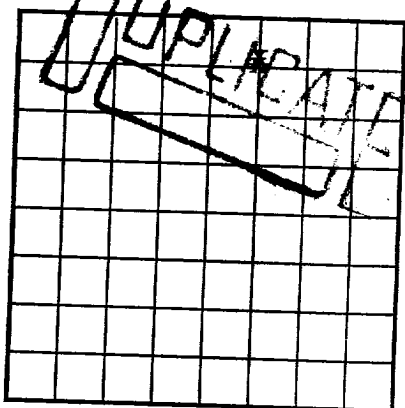
E. A. Hook, Driller Walker, Driller
A. L. Howard, Driller Sample, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1000'	1000'	Sand, caliche, red beds.
1000'	2377'	1377'	Anhydrite, potash, salt.
2377'	2985'	608'	Sand, anhydrite, gypsum.
2985'	7187'	4202'	Anhydrite, lime.
7187'	7680'	493'	Lime, chert.
7680'	7775'	95'	Lime.
7775'	7798'	23'	Lime, chert.
7798'	7829'	31'	Lime.
7829'	8352'	523'	Lime and chert.
8352'	8542'	190'	Heavy lime, lime.
8542'	8982'	440'	Shale, lime.
8982'	9106'	124'	Sand, shale.
9106'	9156'	50'	Lime, shale, sand.
9156'	9420'	264'	Shale, sand.
9420'	9627'	207'	Lime, shale.
9627'	9735'	108'	Shale, lime.
9735'	9747'	12'	Sand, lime.
9747'	9944'	197'	Lime, shale.
9944'	10085'	141'	Dolomite.
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

Form 7-50

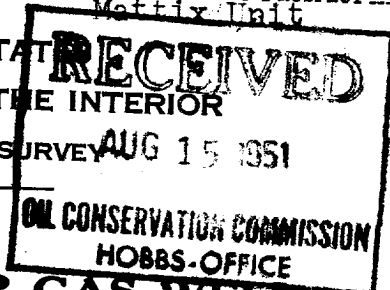


LOCATE WELL CORRECTLY

C-O-P-Y

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032450-A
LEASE OR PERMIT TO PROSPECT South
Mattix Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company Stanolind Oil and Gas Company Address Box 591; Tulsa, Oklahoma
Lessor or Tract South Mattix Unit Field Fowler State New Mexico
Well No. 3 Sec. 22 T. 24S R. 37E Meridian N.M.P.M. County Lea
Location 660 ft. S. of N. Line and 1980 ft. W. of E. Line of Section 22 Elevation 3262' DF
(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 Ralph L. Hendrickson

Date December 28, 1950

Title Field Superintendent

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

Commenced drilling June 23, 1950 Finished drilling November 30, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9,906 to 10,085 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None 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—	
13-3/8	36#		Armco	318'		None	None		Surface
9-5/8	28#			1975'					Intermediate
7"	23.0#			1905'					Intermediate
	26.0#	"	"	2295'					Oil String
	29.0#	"	"	1218'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	331'	350 sx.	Displacement	8.6#/gal.	
9-5/8	3798'	Two Stage-575 sx.	"	8.6#/gal.	
7"	9907'	" " 1100 sx	"	9.2#/gal.	

PLUGS AND ADAPTERS

Heaving plug—Material None 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 Surface feet to 10,085 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Initial Potential Test December 12, 1950 Put to producing December 10, 1950

The production for the first 24 hours was 350 barrels of fluid of which 99.8 % was oil; 0 % emulsion; 0 % water; and .2 % sediment. Gravity, 45° 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

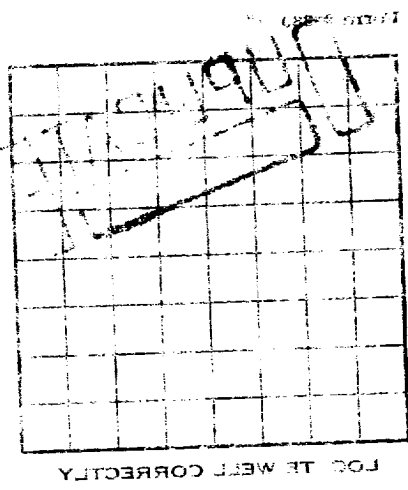
E. R. Hook, Driller W. H. Walker, Driller
A. L. Howard, Driller W. E. Sample, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1000'	1000'	Sand, caliche, red beds.
1000'	2377'	1377'	Anhydrite, potash, salt.
2377'	2985'	608'	Sand, anhydrite, gypsum.
2985'	7187'	4202'	Anhydrite, lime.
7187'	7680'	493'	Lime, chert.
7680'	7775'	95'	Lime.
7775'	7798'	23'	Lime, chert.
7798'	7829'	31'	Lime.
7829'	8352'	523'	Lime and chert.
8352'	8542'	190'	Sandy lime, lime.
8542'	8982'	440'	Shale, lime.
8982'	9106'	124'	Sand, shale.
9106'	9156'	50'	Lime, shale, sand.
9156'	9420'	264'	Shale, sand.
9420'	9627'	207'	Lime, shale.
9627'	9735'	108'	Shale, lime.
9735'	9747'	12'	Sand, lime.
9747'	9944'	197'	Lime, shale.
9944'	10085'	141'	Dolomite.

U. S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
HOBBES OFFICE
ON CONSERVATION COMMISSION

LOG OF OIL OR GAS WELL



County _____ State _____
Location _____
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.

Date _____
The summary of this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

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 "struck" 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 bailing.

HISTORY OF OIL OR GAS WELL

FORMATION RECORD		FORMATION	
TO	FROM	TOTAL FEET	FORMATION
Top Rustler	Base Permian - Top	1020	(+2242)
Top Salt	Base Salt	1140	(+2122)
Top Yates	Base Yates	2320	(+942)
Top Green	Base Green	3180	(+82)
Top San Andres	Base San Andres	3770	(-508)
Top Glorieta	Base Glorieta	4840	(-1578)
Top Lobo	Base Lobo	5880	(-2618)
Top Permian - Top	Base Permian - Top	7220	(-3958)
Silurian	Base Silurian	7480	(-4218)
Top Russellman	Base Russellman	7950	(-4638)
Top Montoya	Base Montoya	8510	(-5248)
Top Simpson	Base Simpson	9090	(-5828)
Top McKee	Base McKee	9906	(-6644)
Top Ellenburger	Base Ellenburger		

GEOLOGICAL MARKERS (Electric Log)

The production for the first 24 hours was _____
It gas well, and ft. per 24 hours _____
Work pressure, lbs. per sq. in. _____
The production for the first 24 hours was _____
It gas well, and ft. per 24 hours _____
Work pressure, lbs. per sq. in. _____

TOOLS USED

Cable tools were used from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet

SHOOTING RECORD

Shot _____ lbs. of dynamite
Depth of hole _____ feet
Depth of casing _____ feet

WATER AND GAS RECORD

Water _____
Gas _____

MUDLOGGING RECORD

Mudlogging _____
Mudlogging _____