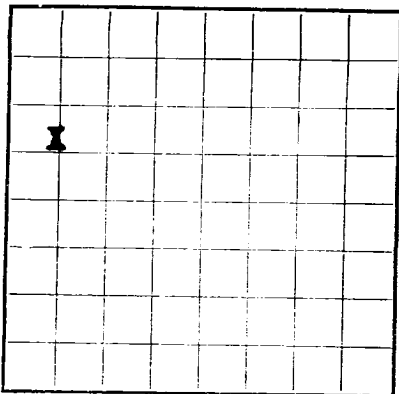


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **062368**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **THE TEXAS COMPANY** Address **Box 1720, Fort Worth, Texas**
Lessor or Tract **C. E. Penny NCT-4** Field **Langlie Mattix** State **New Mexico**
Well No. **1** Sec. **19** T **25-S** R **38-E** Meridian **NMPM** County **Lea**
Location **1980** ft. **N** of **N** Line and **660** ft. **E** of **W** Line of **Sec. 19** Elevation **3078' (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

Date **August 18, 1955**Title **Asst. Dist. Supt.**

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

Commenced drilling **7-23**, 19**55** Finished drilling **8-15**, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3265'** to **3354'** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____
Well drilled with rotary and no water sands tested.
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"	24#	8 Rd.	Smls	835'	Baker	---			
5 1/2"	14#	8 Rd.	Smls	3348'	Hallib.	---			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	851'	800	Hallib.		
5 1/2"	3360'	450	Hallib.		

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 **0** feet to **3360** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **8-15**, 19**55**
The production for the first 24 hours was **384** barrels of fluid of which **100**% was oil; **0**% emulsion, **0**% water; and **0**% sediment. Gravity, °Bé. **36**
If gas well, cu. ft. per 24 hours **---** Gallons gasoline per 1,000 cu. ft. of gas **---**
Rock pressure, lbs. per sq. in. **---**

EMPLOYEES

M. S. Pettigrew, Driller **D. E. Arnold**, Driller
D. J. Youngblood, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	411	411	Red Beds
411	797	386	Red Beds, Shells and Anahy
797	1008	211	Anahy
1008	1140	132	Salt
1140	1360	220	Salt, Anahy, & Shells
1360	2058	698	Salt & Anahy
2058	2172	114	Anahy
2172	2278	106	Anahy & Salt
2278	2380	102	Anahy & Gyp
2380	2470	90	Anahy, Gyp, & Lime
2470	2736	266	Anahy & Lime
2736	3150	414	Anahy, Lime & Gyp
3150	3226	76	Lime & Anahy
3226	3240	14	Anahy, Lime & Gyp
3240	3360	120	Lime
Total			
Depth	3360		
Plug Back			
Depth	3354		

All measurements from rotary table of 12' above ground

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
			Anhydrite Top - 806'
			Salt Top - 1010'
			Salt Base - 2320'
Deviation Record			
		109'	--
		297'	--
		400'	--
		490'	--
		603'	--
		691'	--
		820'	--
		945'	--
		1065'	--
		1161'	--
		1251'	--
		1341'	--
		1432'	--
		1520'	--
		1610'	--
		1720'	--
		1846'	--
		1936'	--
		2025'	--
		2085'	--
		2145'	--
		2234'	--
		2325'	--
		2385'	--
		2442'	--
		2530'	--
		2590'	--
		2646'	--
		2710'	--
		2740'	--
		2860'	--
		2962'	--
		3075'	--
		3184'	--
		3265'	--

HISTORY OF OIL OR GAS WELL

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 bailing.

Well was drilled to a total depth of 3360' and cement was drilled out to plug back depth of 3354' after setting 5 1/2" casing at 3360' with 450 sacks cement. Perforated 5 1/2" casing from 3264'-3354' with 4 shots per foot on 8-12-55. Acidized through perforations from 3264'-3354' with 500 gal. mud acid on 8-12-55. Sand frac through perforations from 3264'-3354' with 10,000 gal. emulsified lease grade oil with 1 lb. of sand per gallon on 8-13-55. Well flowed 10 hrs. and recovered all load oil.

On 5 hr. official test ending 8 AM 8-15-55, well flowed 80 bbls. of 38° gravity oil through a 32/64" choke. G C R is 1156.