

Form 3-339

U. S. LAND OFFICE **Las Cruces**

SERIAL NUMBER **057509**

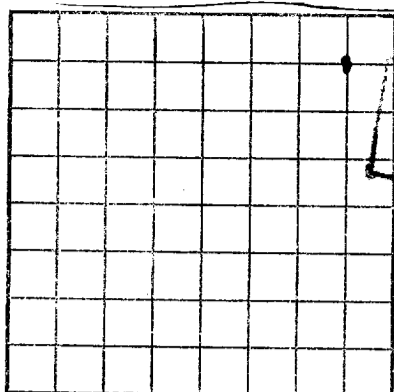
LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

**HOBBS OFFICE**



LOCATE WELL CORRECTLY

## LOG OF OIL OR GAS WELL

Company **The Texas Company** Address **Box 1720, Ft. Worth 1, Texas**  
Lessor or Tract **G. L. Erwin (b)** Field **Langlie-Mattix** State **New Mexico**  
Well No. **3** Sec. **26** T**24S** R**37E** Meridian **NMPM** County **Lea**  
Location **660 ft. [X] of N Line and 660 ft. [X] of E Line of Section 26** Elevation **3171 (DF)**  
(Derriak 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 *[Signature]*

Date **June 14, 1948**

Title **Dist. Supt.**

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

Commenced drilling **February 1**, 19**48** Finished drilling **March 16**, 19**48**

### OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3320** to **3375 G** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **3403** to **3425 G** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from **3430** to **3520** 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—	
13-3/8	22.3	8RT	Smls	181	Reg. Ret.				
10-3/4	20.5	8RT	Smls	990	Reg. Ret.				
7	23	8RT	Smls	878	Hallib.				
7	20	8RT	Smls	2804	OL ON ON CYS MET				
5 1/2	15.5	8RT	Smls	221	Hallib.	*	3393	3415	Gas

### MUDDING AND CEMENTING RECORD \*See well History.

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	196	225	Halliburton	-	-
10-3/4	935	100	Halliburton	-	-
7	3269	125	Halliburton	-	-
5 1/2	3460	(Neither mudded nor cemented).			

### 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
5"		Du Pont EL411	800	3-18-48	3320-3524	3538

### TOOLS USED

Rotary tools were used from **0** feet to **3318** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from **3318** feet to **3540** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

### DATES

**June 14**, 19**48** Put to producing **March 17**, 19**48**

The production for the first **20** hours was **25** barrels of fluid of which **100** % was oil; **-** % emulsion; **-** % water; and **-** % sediment. Gravity, **API 38.4**

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

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

### EMPLOYEES

**N C Hill**, Driller **W. A. Ward**, Driller  
**J. H. Meers**, Driller **O. G. Little**, Driller

### FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	42	42	Surface clay, shale, shells
42	120	78	Sand & Shells
120	675	555	Red Beds & Shells
675	800	125	Red Beds & Shale
800	915	115	Anhy & Gyp
915	1000	85	Gyp, Red Beds & Anhy
1000	1230	230	Anhy, Gyp & Lime
1230	1420	190	Gyp, Red Beds & Salt
1420	2190	770	Salt & Anhy
2190	2375	185	Salt
2375	2415	40	Anhy & Gyp
2415	2450	35	Salt, Anhy & Lime
2450	2510	60	Anhy, Lime & Gyp
2510	2565	55	Lime & Anhy
2565	2595	30	Gyp & Anhy
2595	2630	35	Sand & Dolomite
2630	2807	177	Sand & Lime
2807	3419	612	Lime
3419	3425	6	Sandy Shale
3425	3439	14	Lime
3439	3443	4	Bentonite
3443	3540	97	Lime
	3540	Total Depth	
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

1. *Journal of the American Medical Association*, 1997; 277: 1039-1043.

16-43094-1 U. S. GOVERNMENT PRINTING OFFICE

## 16-43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.

All measurements from rotary table or 9' above ground.

17 1/4" hole to 205; 12 1/2" hole to 1000 ; 8-3/4" hole to 3318;  
6 1/2" hole to 3540.

This well was drilled to total depth of 3540'. Drilling operations commenced at 1:00 Am, 2-1-48, and total depth was reached 5PM, 3-16-48. On 3-17-48, swabbed well 20 hours, 25 bbls oil. Well was shot with 800 qts. DuPont EL-411, 3320-3524 at 5:15 PM, 3-18-48. Well was cleaned out to 3330 and on 3-22-48 well flowed 85 bbls oil in 22 hours, est. GOR 1500. Well was cleaned out to 3505'. Ran 221' 5½" liner using Brown Oil Tool Type "C" 5½" x 7" Liner Hanger at 3233'. Bottom of liner at 3460. 5½" liner perforated 3415-3393 with 4--4" x 6" slots per foot. Cleaned well out to 3538. On 5-31-48 ran 2" BUE tubing to 3527'. On test 6-7-48 well flowed 69 Bbls oil in 22½" hours thru ½" choke. GOR 3370, Grd. 38.4

## Deviation Tests

160	1	2050	2 $\frac{1}{2}$
300	3/4	2150	2 $\frac{1}{2}$
600	3/4	2400	2 3/4
700	1 $\frac{1}{2}$	2500	2 $\frac{1}{2}$
825	1 $\frac{1}{2}$	2575	1 $\frac{1}{4}$
875	1 $\frac{1}{2}$	2675	2 $\frac{1}{2}$
1200	1	2850	2
1500	1 $\frac{1}{2}$	3000	1
1625	1 $\frac{1}{4}$		
1875	2		

44-38861-108

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JAN 10 1964  
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