

LOCATE WELL CORRECTLY



U. S. LAND OFFICE **Las Cruces**
 SERIAL NUMBER **834978 (a)**
 LEASE OR PERMIT TO PROSPECT **Lease**

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **The Texas Company** Address **Dumas, K. Wink, Texas**
 Lessor or Tract **C. J. Summers** Field **Monument** State **New Mexico**

Well No. **4** Sec. **18** T. **18S** R. **87E** Meridian **N.M.P.M.** County **Lea**
 Location **1000** (N) of **5** Line and **1000** (E) of **W** Line of **Section 18** Elevation **3700**
 (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.

Date **August 24, 1937** Signed **J. K. Shupendick** Title **Asst. Dist. Supt.**

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

Commenced drilling **July 18,** 19**37** Finished drilling **August 14,** 19**37**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3400** to **3500** G.
 No. 2, from **3015** to **4000**
 No. 3, from _____ to _____
 No. 4, from _____ to _____
 No. 5, from _____ to _____
 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, 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	
1 1/2"	40	8	Lucas	100	Tool joint				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
1 1/2"	151'	120	Halliburton		
1 1/2"	154'	700			
1 1/2"	2070'	200			

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
		Chemical	2000	8-14-37	3000 to 4000	
		Process	Gal.			

TOOLS USED

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

DATES

August 14, 19**37** Put to producing **August 16,** 19**37**

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **31.1**

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

Rock pressure, lbs. per sq. in. _____ **Gas oil ratio - 705.**

EMPLOYEES

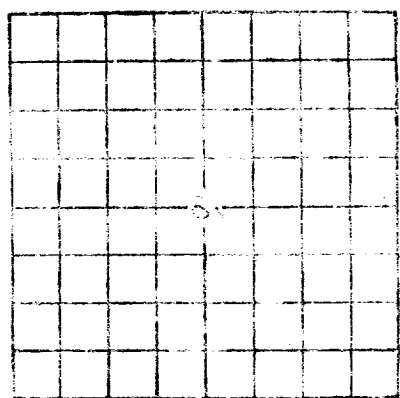
R. W. Rickel, Driller **C. D. Davis**, Driller
B. C. Rickel, Driller **J. B. Brennan**, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	100	100	Caliche
100	112	12	Sand
112	432	320	Red beds
432	1010	578	Red beds & shells
1010	1020	10	Sand
1020	1200	180	Red rock & some shale
1200	1204	4	Anhydrite
1204	1208	4	Salt
1208	2004	796	Salt & anhydrite
2004	2400	396	Salt & anhydrite shells
2400	2407	7	Anhydrite
2407	2474	67	Anhydrite & lime
2474	2700	226	Anhydrite
2700	2810	110	Brown lime & anhydrite
2810	2825	15	Brown & gray lime
2825	3371	546	Gray lime & anhydrite
3371	3400	29	Hard gray lime
3400	3405	5	White lime
3405	3408	3	Sandy lime
3408	3414	6	Gray lime
3414	3422	8	Sandy lime
3422	3515	93	Hard gray lime
3515	3520	5	Medium lime
3520	4000	480	Broken lime
	4000 - TOTAL DEPTH		

(OVER)

FORMATION RECORD—Continued



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LOG OF OIL OR GAS WELL

Company Name: ... Location: ... State: ...

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Date: ... Signed: ...

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Table with 2 columns: No. of hole, and description of hole.

IMPORTANT WATER SANDS ...

Table with 8 columns: Casing, Weight, Threads, Make, Amount, Kind and pulled from, From, To, Purpose.

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 reworking, together with the reasons for the work and its results.

MUDDING AND CEMENTING RECORD

Table with 5 columns: Kind, Method used, Amount of mud used, etc.

PLUGS AND ADAPTERS

Table with 3 columns: Kind, Depth set, etc.

SHOOTING RECORD

Table with 5 columns: Explosives used, Quantity, Date, Depth shot, Depth cleaned out.

TOOLS USED

Table with 3 columns: Kind, Foot to, etc.

DATES

Table with 2 columns: Date, Description.

EMPLOYEES

Table with 2 columns: Name, Position.

FORMATION RECORD

Large table with 4 columns: FROM, TO, TOTAL FEET, FORMATION.