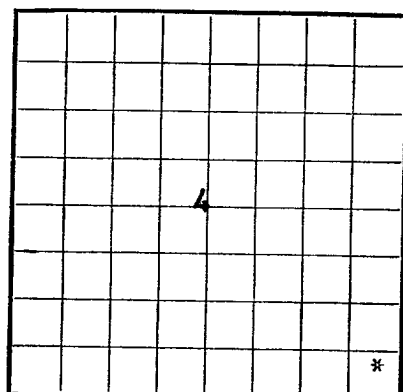


U. S. LAND OFFICE
SERIAL NUMBER Las Cruces 029486
LEASE OR PERMIT TO PROSPECT Permit

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Texas Production Company Address Box 548 Carlsbad New Mexico
Lessor or Tract Frank P. Jackson Field Wildcat State New Mexico
Well No. 1 Sec. 4 T. 20S R. 34E Meridian N. M. Prin County Lea
Location 330 ft. N. of S. Line and 330 ft. W. of E. Line of SE 1/4 of SE 1/4 Elevation 3670'
(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 Carlsbad New Mexico 10-6-27Title Superintendent

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

Commenced drilling June 15, 1927 Finished drilling October 6, 1927

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to None 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 236' to 260' No. 3, from _____ to _____
No. 2, from 3745' to 3790' 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>24</u>			<u>Wood</u>	<u>18'</u>	<u>Wood Conductor</u>				
<u>15 1/2</u>	<u>70#</u>	<u>8T</u>	<u>YBX</u>	<u>428'</u>	<u>15 1/2" x 16"</u>				
<u>12 1/2</u>	<u>50#</u>	<u>8T</u>	<u>YBX</u>	<u>649'</u>	<u>12 1/2" x 16"</u>				
<u>10</u>	<u>48#</u>	<u>10T</u>	<u>YBX</u>	<u>1515'</u>	<u>10" x 16"</u>				
<u>8 1/4</u>	<u>36#</u>	<u>10T</u>	<u>Seaml.</u>	<u>3191'</u>	<u>8 1/4" x 16"</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10"</u>	<u>1515'</u>	<u>50 Sacks</u>	<u>Dumped</u>		
<u>8 1/4"</u>	<u>3191'</u>	<u>50 Sacks</u>	<u>Dumped</u>		

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 4031' feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

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

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

Rock pressure, lbs. per sq. in. Not a producer. 3500' of water in hole at 3790'

EMPLOYEES

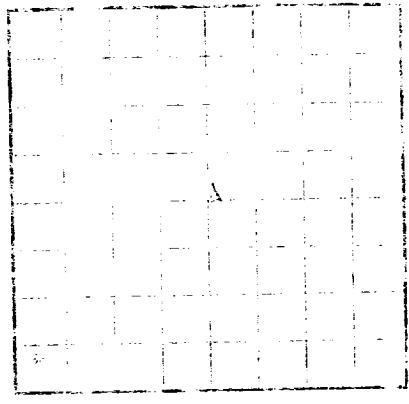
_____, Driller
_____, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>45</u>	<u>45</u>	<u>Sand Brown 18' 24" Wood Conductor</u>
<u>45</u>	<u>190</u>	<u>145</u>	<u>Red Beds</u>
<u>190</u>	<u>210</u>	<u>20</u>	<u>Shale Blue</u>
<u>210</u>	<u>225</u>	<u>15</u>	<u>Shale Blue Sandy</u>
<u>225</u>	<u>236</u>	<u>11</u>	<u>" " "</u>
<u>236</u>	<u>260</u>	<u>24</u>	<u>Sand Gray Water (3 Bailers salt water per hr)</u>
<u>260</u>	<u>300</u>	<u>40</u>	<u>Red Beds</u>
<u>300</u>	<u>310</u>	<u>10</u>	<u>Shale Sandy Red</u>
<u>310</u>	<u>360</u>	<u>50</u>	<u>Red Beds</u>
<u>360</u>	<u>375</u>	<u>15</u>	<u>Shale Brown</u>
<u>375</u>	<u>525</u>	<u>150</u>	<u>Red Beds Set 15 1/2" at 428'</u>
<u>525</u>	<u>555</u>	<u>30</u>	<u>Shale Blue</u>
<u>555</u>	<u>655</u>	<u>100</u>	<u>Red Beds Set 12 1/2" at 649'</u>
<u>655</u>	<u>695</u>	<u>40</u>	<u>Hard Gray Lime</u>
<u>695</u>	<u>705</u>	<u>10</u>	<u>Red Beds</u>
<u>705</u>	<u>710</u>	<u>5</u>	<u>" " "</u>
<u>710</u>	<u>715</u>	<u>5</u>	<u>" " "</u>
<u>715</u>	<u>720</u>	<u>5</u>	<u>" " "</u>
<u>720</u>	<u>725</u>	<u>5</u>	<u>" " "</u>
<u>725</u>	<u>730</u>	<u>5</u>	<u>" " "</u>
<u>730</u>	<u>735</u>	<u>5</u>	<u>" " "</u>
<u>735</u>	<u>740</u>	<u>5</u>	<u>" " "</u>
<u>740</u>	<u>745</u>	<u>5</u>	<u>" " "</u>
<u>745</u>	<u>750</u>	<u>5</u>	<u>" " "</u>
<u>750</u>	<u>755</u>	<u>5</u>	<u>" " "</u>
<u>755</u>	<u>760</u>	<u>5</u>	<u>" " "</u>
<u>760</u>	<u>765</u>	<u>5</u>	<u>" " "</u>
<u>765</u>	<u>770</u>	<u>5</u>	<u>" " "</u>
<u>770</u>	<u>775</u>	<u>5</u>	<u>" " "</u>
<u>775</u>	<u>780</u>	<u>5</u>	<u>" " "</u>
<u>780</u>	<u>785</u>	<u>5</u>	<u>" " "</u>
<u>785</u>	<u>790</u>	<u>5</u>	<u>" " "</u>
<u>790</u>	<u>795</u>	<u>5</u>	<u>" " "</u>
<u>795</u>	<u>800</u>	<u>5</u>	<u>" " "</u>
<u>800</u>	<u>805</u>	<u>5</u>	<u>" " "</u>
<u>805</u>	<u>810</u>	<u>5</u>	<u>" " "</u>
<u>810</u>	<u>815</u>	<u>5</u>	<u>" " "</u>
<u>815</u>	<u>820</u>	<u>5</u>	<u>" " "</u>
<u>820</u>	<u>825</u>	<u>5</u>	<u>" " "</u>
<u>825</u>	<u>830</u>	<u>5</u>	<u>" " "</u>
<u>830</u>	<u>835</u>	<u>5</u>	<u>" " "</u>
<u>835</u>	<u>840</u>	<u>5</u>	<u>" " "</u>
<u>840</u>	<u>845</u>	<u>5</u>	<u>" " "</u>
<u>845</u>	<u>850</u>	<u>5</u>	<u>" " "</u>
<u>850</u>	<u>855</u>	<u>5</u>	<u>" " "</u>
<u>855</u>	<u>860</u>	<u>5</u>	<u>" " "</u>
<u>860</u>	<u>865</u>	<u>5</u>	<u>" " "</u>
<u>865</u>	<u>870</u>	<u>5</u>	<u>" " "</u>
<u>870</u>	<u>875</u>	<u>5</u>	<u>" " "</u>
<u>875</u>	<u>880</u>	<u>5</u>	<u>" " "</u>
<u>880</u>	<u>885</u>	<u>5</u>	<u>" " "</u>
<u>885</u>	<u>890</u>	<u>5</u>	<u>" " "</u>
<u>890</u>	<u>895</u>	<u>5</u>	<u>" " "</u>
<u>895</u>	<u>900</u>	<u>5</u>	<u>" " "</u>
<u>900</u>	<u>905</u>	<u>5</u>	<u>" " "</u>
<u>905</u>	<u>910</u>	<u>5</u>	<u>" " "</u>
<u>910</u>	<u>915</u>	<u>5</u>	<u>" " "</u>
<u>915</u>	<u>920</u>	<u>5</u>	<u>" " "</u>
<u>920</u>	<u>925</u>	<u>5</u>	<u>" " "</u>
<u>925</u>	<u>930</u>	<u>5</u>	<u>" " "</u>
<u>930</u>	<u>935</u>	<u>5</u>	<u>" " "</u>
<u>935</u>	<u>940</u>	<u>5</u>	<u>" " "</u>
<u>940</u>	<u>945</u>	<u>5</u>	<u>" " "</u>
<u>945</u>	<u>950</u>	<u>5</u>	<u>" " "</u>
<u>950</u>	<u>955</u>	<u>5</u>	<u>" " "</u>
<u>955</u>	<u>960</u>	<u>5</u>	<u>" " "</u>
<u>960</u>	<u>965</u>	<u>5</u>	<u>" " "</u>
<u>965</u>	<u>970</u>	<u>5</u>	<u>" " "</u>
<u>970</u>	<u>975</u>	<u>5</u>	<u>" " "</u>
<u>975</u>	<u>980</u>	<u>5</u>	<u>" " "</u>
<u>980</u>	<u>985</u>	<u>5</u>	<u>" " "</u>
<u>985</u>	<u>990</u>	<u>5</u>	<u>" " "</u>
<u>990</u>	<u>995</u>	<u>5</u>	<u>" " "</u>
<u>995</u>	<u>1000</u>	<u>5</u>	<u>" " "</u>

(OVER)

16-43094-4



LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Company: Texas Eastern Refining Company
Lessor or Owner: Texas Eastern Refining Company
Well No.: 1
Location: 30 miles N. of Amarillo, Texas
The information given in this log 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: _____

The amount on this page is \$10.00 for the oil and gas 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 BEARING

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, 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

16-48964-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION	
			FORMATION	FORMATION
705	800	95	Sand Red	
800	860	60	Red Beds	
860	980	120	Red Sand	
980	1060	80	Red Beds	
1060	1075	15	Red Sand	
1075	1195	120	Red Beds	
1195	1210	15	Red Shale	
1210	1350	140	Red Rock	
1350	1495	145	Red Shale	
1495	1520	25	Red Rock (Cemented 10" Casing w/ 50	
1520	1540	20	Lime Hard Gray	
1540	1545	5	Red Salt	
1545	1560	15	Shale and Lime	
1560	1650	90	Lime White	
1650	1655	5	Salt White	
1655	1695	40	" Pink	
1695	1720	25	Anydrite Gray	
1720	1790	70	Sand and Shale Red	
1790	1800	10	Salt Gray	
1800	2030	230	" White	
2030	2100	70	" Gray	
2100	2185	85	" Brown	
2185	2225	40	" Gray	
2225	2320	95	" Brown	
2320	2455	135	" Gray	
2455	2505	50	" Brown	
2505	2555	50	" Gray	
2555	2655	100	" Brown	
2655	2705	50	" White	
2705	2950	245	Lime hard gray	
2950	2970	20	Salt White	
2970	3191	221	Lime Hard Gray (Cemented 8" Casing	
3191	3250	59	Lime Sandy	
3250	3260	10	" White	
3260	3290	30	" Gray	
3290	3435	145	Shale Brown	
3435	3470	35	Shale and Lime Brown	
3470	3525	55	Lime and Gyp Brown	
3525	3550	25	Lime Hard White	
3550	3710	160	" Top Sulphur Horizon	
3710	3750	40	Lime and Anydrite Some Pyrite	
3750	3920	170	" " " "	
3920	3950	30	Dolomite Gray. 3500' Sulphur water	
3950	4020	70	Lime White.	
4020	4031	11	" "	
4031	4031	0	Bottom of hole.	

FORMATION RECORD-Continued