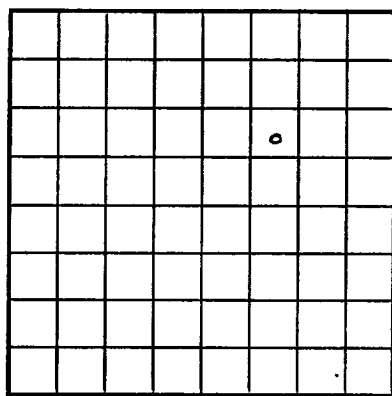
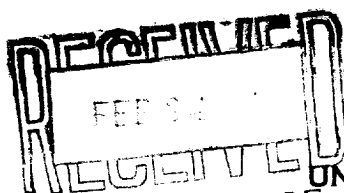


41652 - W. H. Rhodes (b) lease,
Lea County, New Mexico.

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 030174(b)
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 1270, Midland, Texas.
Lessor or Tract W. H. Rhodes (b) Field Rhodes State New Mexico.
Well No. 1 Sec. 27 T. 26S R. 37E Meridian N.M.P.M. County Lea
Location 1650 ft. { N } of N Line and 1650 ft. { E } of E Line of Section 27 Elevation 2991' (L&S)
(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 February 21st, 1940.Signed A. J. Holland
Title Ass't District Supt.

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

Commenced drilling 1-4-, 1940 Finished drilling 2-13-, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3087' to 3280' 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 _____ 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"</u>	<u>40</u>	<u>8V</u>	<u>LW</u>	<u>180'</u>	<u>Regular Pattern</u>				
<u>9-5/8"</u>	<u>36</u>	<u>8V</u>	<u>LW</u>	<u>1000'</u>	<u>Regular</u>				
<u>2"</u>	<u>4.70</u>	<u>10V</u>	<u>Smiles</u>	<u>3237'</u>	<u>Set at 3232'</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13"</u>	<u>196'</u>	<u>180</u>	<u>Halliburton</u>		
<u>9-5/8"</u>	<u>1210'</u>	<u>450</u>	<u>"</u>		
<u>7"</u>	<u>3071'</u>	<u>125</u>	<u>"</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
<u>3 1/2"</u>	<u>16 Shells</u>	<u>Nitroglycerine</u>	<u>320 qts</u>	<u>2-10-40</u>	<u>3119-3280'</u>	<u>3280'</u>

TOOLS USED

Rotary tools were used from 0 feet to 3280 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing 2-13-, 1940
The production for the first 6 hours was 42.2 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 39

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

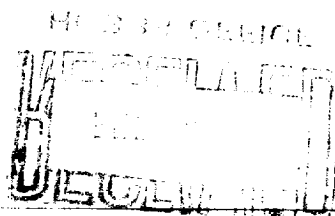
Rock pressure, lbs. per sq. in. _____ Gas Oil Ratio 1341

EMPLOYEES

S. W. Ferrell, Driller Tom Rines, Driller
Wm. P. Morris, Driller _____, Driller

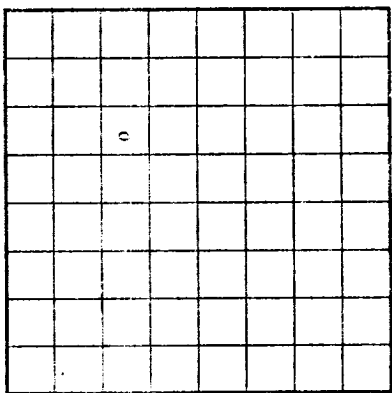
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>168</u>	<u>168</u>	<u>Surface Sand, Shells, & Shale</u>
<u>168</u>	<u>243</u>	<u>75</u>	<u>Red Beds</u>
<u>243</u>	<u>375</u>	<u>132</u>	<u>Red Rock, Shale, Shells</u>
<u>375</u>	<u>486</u>	<u>111</u>	<u>Red Beds & Red Rock</u>
<u>486</u>	<u>620</u>	<u>134</u>	<u>Red Rock & Sand</u>
<u>620</u>	<u>805</u>	<u>185</u>	<u>Red Rock</u>
<u>805</u>	<u>1125</u>	<u>320</u>	<u>Red Beds</u>
<u>1125</u>	<u>1258</u>	<u>133</u>	<u>Anhydrite</u>
<u>1258</u>	<u>2362</u>	<u>1104</u>	<u>Salt & Anhydrite</u>
<u>2362</u>	<u>2495</u>	<u>133</u>	<u>Anhydrite</u>
<u>2495</u>	<u>2730</u>	<u>235</u>	<u>Salt & Anhydrite</u>
<u>2730</u>	<u>2795</u>	<u>65</u>	<u>Anhydrite</u>
<u>2795</u>	<u>2950</u>	<u>155</u>	<u>Brown Lime & Anhydrite</u>
<u>2950</u>	<u>2995</u>	<u>45</u>	<u>Anhydrite & Sand</u>
<u>2995</u>	<u>3087</u>	<u>92</u>	<u>Gray Lime</u>
<u>3087</u>	<u>3175</u>	<u>88</u>	<u>Broken Lime (Sandy)</u>
<u>3175</u>	<u>3250</u>	<u>75</u>	<u>Porous Lime (Sandy)</u>
<u>3250</u>	<u>3280</u>	<u>30</u>	<u>Lime</u>

Total Depth - 3280'

LOG OF OIL OR GAS WELL

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOCATE WELL CORRECTLY

Company _____
Lessor or Tract _____
Well No. _____
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.

The summary on this page is for the condition of the well at above date.
Date _____
Signed _____
Title _____

Oil or Gas Sands or Zones _____
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____
No. 11 from _____ to _____
No. 12 from _____ to _____
No. 13 from _____ to _____
No. 14 from _____ to _____
No. 15 from _____ to _____
No. 16 from _____ to _____
No. 17 from _____ to _____
No. 18 from _____ to _____
No. 19 from _____ to _____
No. 20 from _____ to _____
No. 21 from _____ to _____
No. 22 from _____ to _____
No. 23 from _____ to _____
No. 24 from _____ to _____
No. 25 from _____ to _____
No. 26 from _____ to _____
No. 27 from _____ to _____
No. 28 from _____ to _____
No. 29 from _____ to _____
No. 30 from _____ to _____
No. 31 from _____ to _____
No. 32 from _____ to _____
No. 33 from _____ to _____
No. 34 from _____ to _____
No. 35 from _____ to _____
No. 36 from _____ to _____
No. 37 from _____ to _____
No. 38 from _____ to _____
No. 39 from _____ to _____
No. 40 from _____ to _____
No. 41 from _____ to _____
No. 42 from _____ to _____
No. 43 from _____ to _____
No. 44 from _____ to _____
No. 45 from _____ to _____
No. 46 from _____ to _____
No. 47 from _____ to _____
No. 48 from _____ to _____
No. 49 from _____ to _____
No. 50 from _____ to _____
No. 51 from _____ to _____
No. 52 from _____ to _____
No. 53 from _____ to _____
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No. 66 from _____ to _____
No. 67 from _____ to _____
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No. 74 from _____ to _____
No. 75 from _____ to _____
No. 76 from _____ to _____
No. 77 from _____ to _____
No. 78 from _____ to _____
No. 79 from _____ to _____
No. 80 from _____ to _____
No. 81 from _____ to _____
No. 82 from _____ to _____
No. 83 from _____ to _____
No. 84 from _____ to _____
No. 85 from _____ to _____
No. 86 from _____ to _____
No. 87 from _____ to _____
No. 88 from _____ to _____
No. 89 from _____ to _____
No. 90 from _____ to _____
No. 91 from _____ to _____
No. 92 from _____ to _____
No. 93 from _____ to _____
No. 94 from _____ to _____
No. 95 from _____ to _____
No. 96 from _____ to _____
No. 97 from _____ to _____
No. 98 from _____ to _____
No. 99 from _____ to _____
No. 100 from _____ to _____

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 have been 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

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12"	100'	100	Hand tamping		
14"	150'	150			
16"	200'	200			

PLUGS AND ADAPTERS

Adapters—Material	Length	Depth set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
3 1/2"	16					

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

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil and _____ was gas.
Put to producing _____
It gas well, oil at per 24 hours _____
Rock pressure, lbs. per sq. in. _____
Gallons gasoline per 24 hours _____
Gallons oil per 24 hours _____
Gravity, sp. gr. _____

EMPLOYEES

Driller _____
Driller _____
Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Drift, sand, gravel, & shells
100	150	150	Red loam
150	200	200	Red loam, gravel, & shells
200	250	250	Red loam & gravel
250	300	300	Red loam & gravel
300	350	350	Red loam
350	400	400	Red loam
400	450	450	Red loam
450	500	500	Red loam
500	550	550	Red loam
550	600	600	Red loam
600	650	650	Red loam
650	700	700	Red loam
700	750	750	Red loam
750	800	800	Red loam
800	850	850	Red loam
850	900	900	Red loam
900	950	950	Red loam
950	1000	1000	Red loam
1000	1050	1050	Red loam
1050	1100	1100	Red loam
1100	1150	1150	Red loam
1150	1200	1200	Red loam
1200	1250	1250	Red loam
1250	1300	1300	Red loam
1300	1350	1350	Red loam
1350	1400	1400	Red loam
1400	1450	1450	Red loam
1450	1500	1500	Red loam
1500	1550	1550	Red loam
1550	1600	1600	Red loam
1600	1650	1650	Red loam
1650	1700	1700	Red loam
1700	1750	1750	Red loam
1750	1800	1800	Red loam
1800	1850	1850	Red loam
1850	1900	1900	Red loam
1900	1950	1950	Red loam
1950	2000	2000	Red loam
2000	2050	2050	Red loam
2050	2100	2100	Red loam
2100	2150	2150	Red loam
2150	2200	2200	Red loam
2200	2250	2250	Red loam
2250	2300	2300	Red loam
2300	2350	2350	Red loam
2350	2400	2400	Red loam
2400	2450	2450	Red loam
2450	2500	2500	Red loam
2500	2550	2550	Red loam
2550	2600	2600	Red loam
2600	2650	2650	Red loam
2650	2700	2700	Red loam
2700	2750	2750	Red loam
2750	2800	2800	Red loam
2800	2850	2850	Red loam
2850	2900	2900	Red loam
2900	2950	2950	Red loam
2950	3000	3000	Red loam
3000	3050	3050	Red loam
3050	3100	3100	Red loam
3100	3150	3150	Red loam
3150	3200	3200	Red loam
3200	3250	3250	Red loam
3250	3300	3300	Red loam
3300	3350	3350	Red loam
3350	3400	3400	Red loam
3400	3450	3450	Red loam
3450	3500	3500	Red loam
3500	3550	3550	Red loam
3550	3600	3600	Red loam
3600	3650	3650	Red loam
3650	3700	3700	Red loam
3700	3750	3750	Red loam
3750	3800	3800	Red loam
3800	3850	3850	Red loam
3850	3900	3900	Red loam
3900	3950	3950	Red loam
3950	4000	4000	Red loam
4000	4050	4050	Red loam
4050	4100	4100	Red loam
4100	4150	4150	Red loam
4150	4200	4200	Red loam
4200	4250	4250	Red loam
4250	4300	4300	Red loam
4300	4350	4350	Red loam
4350	4400	4400	Red loam
4400	4450	4450	Red loam
4450	4500	4500	Red loam
4500	4550	4550	Red loam
4550	4600	4600	Red loam
4600	4650	4650	Red loam
4650	4700	4700	Red loam
4700	4750	4750	Red loam
4750	4800	4800	Red loam
4800	4850	4850	Red loam
4850	4900	4900	Red loam
4900	4950	4950	Red loam
4950	5000	5000	Red loam
5000	5050	5050	Red loam
5050	5100	5100	Red loam
5100	5150	5150	Red loam
5150	5200	5200	Red loam
5200	5250	5250	Red loam
5250	5300	5300	Red loam
5300	5350	5350	Red loam
5350	5400	5400	Red loam
5400	5450	5450	Red loam
5450	5500	5500	Red loam
5500	5550	5550	Red loam
5550	5600	5600	Red loam
5600	5650	5650	Red loam
5650	5700	5700	Red loam
5700	5750	5750	Red loam
5750	5800	5800	Red loam
5800	5850	5850	Red loam
5850	5900	5900	Red loam
5900	5950	5950	Red loam
5950	6000	6000	Red loam
6000	6050	6050	Red loam
6050	6100	6100	Red loam
6100	6150	6150	Red loam
6150	6200	6200	Red loam
6200	6250	6250	Red loam
6250	6300	6300	Red loam
6300	6350	6350	Red loam
6350	6400	6400	Red loam
6400	6450	6450	Red loam
6450	6500	6500	Red loam
6500	6550	6550	Red loam
6550	6600	6600	Red loam
6600	6650	6650	Red loam
6650	6700	6700	Red loam
6700	6750	6750	Red loam
6750	6800	6800	Red loam
6800	6850	6850	Red loam
6850	6900	6900	Red loam
6900	6950	6950	Red loam
6950	7000	7000	Red loam
7000	7050	7050	Red loam
7050	7100	7100	Red loam
7100	7150	7150	Red loam
7150	7200	7200	Red loam
7200	7250	7250	Red loam
7250	7300	7300	Red loam
7300	7350	7350	Red loam
7350	7400	7400	Red loam
7400	7450	7450	Red loam
7450	7500	7500	Red loam
7500	7550	7550	Red loam
7550	7600	7600	Red loam
7600	7650	7650	Red loam
7650	7700	7700	Red loam
7700	7750	7750	Red loam
7750	7800	7800	Red loam
7800	7850	7850	Red loam
7850	7900	7900	Red loam
7900	7950	7950	Red loam
7950	8000	8000	Red loam
8000	8050	8050	Red loam
8050	8100	8100	Red loam
8100	8150	8150	Red loam
8150	8200	8200	Red loam
8200	8250	8250	Red loam
8250	8300	8300	Red loam
8300	8350	8350	Red loam
8350	8400	8400	Red loam
8400	8450	8450	Red loam
8450	8500	8500	Red loam
8500	8550	8550	Red loam
8550	8600	8600	Red loam
8600	8650	8650	Red loam
8650	8700	8700	Red loam
8700	8750	8750	Red loam
8750	8800	8800	Red loam
8800	8850	8850	Red loam
8850	8900	8900	Red loam
8900	8950	8950	Red loam
8950	9000	9000	Red loam
9000	9050	9050	Red loam
9050	9100	9100	Red loam
9100	9150	9150	Red loam
9150	9200	9200	Red loam
9200	9250	9250	Red loam
9250	9300	9300	Red loam
9300	9350	9350	Red loam
9350	9400	9400	Red loam
9400	9450	9450	Red loam
9450	9500	9500	Red loam
9500	9550	9550	Red loam
9550	9600	9600	Red loam
9600	9650	9650	Red loam
9650	9700	9700	Red loam
9700	9750	9750	Red loam
9750	9800	9800	Red loam
9800	9850	9850	Red loam
9850	9900	9900	Red loam
9900	9950	9950	Red loam
9950	10000	10000	Red loam

FORMATION TESTS AS FOLLOWS:

HOBBBS OFFICE

