

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 060723
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-015-04917

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Texas Trading Co. Address Box 505, Dallas, Texas
Lessor or Tract Grier Field Square Lake State New Mexico
Well No. 2 Sec. 29 T. 16S R. 31E Meridian N.M.P.M. County Eddy
Location 660 ft. (N.) of S. Line and 1980 ft. (E.) of W. Line of Section Elevation _____
(Deriv. 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 May 8, 1943Title Agent

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

Commenced drilling February, 3, 1943 Finished drilling May 4, 1943

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2885 to 2900(G) No. 4, from _____ to _____
No. 2, from 3254 to 3270(O) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2597 to 2657 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>8 1/2</u>	<u>26</u>	<u>10</u>	<u>2d Hd.</u>	<u>645'</u>	<u>Texas</u>				<u>Water</u>
<u>5 1/2</u>	<u>17</u>	<u>8</u>	<u>2d Hd.</u>	<u>2666'</u>	<u>Texas</u>	<u>2666'</u>			<u>Water</u>
			<u>2d Hd.</u>	<u>3218'</u>	<u>Texas</u>				<u>Oil String</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/2</u>	<u>645</u>	<u>50</u>	<u>Haliburton</u>		<u>50 sacks</u>
<u>5 1/2</u>	<u>3218</u>	<u>100</u>	<u>Haliburton</u>		<u>100 sacks</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>Nitro Glycern</u>	<u>70</u>	<u>1943</u>	<u>3303 to 3347</u>	<u>3356</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3356 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing May 1, 1943The production for the first 24 hours was 200 barrels of fluid of which 100 % 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. _____

EMPLOYEES

W. F. Keith, Driller Dan Webb, Driller
D. A. Miller, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>25</u>	<u>25</u>	<u>Sand</u>
<u>25</u>	<u>35</u>	<u>10</u>	<u>Caliche</u>
<u>35</u>	<u>430</u>	<u>395</u>	<u>Red Rock</u>
<u>430</u>	<u>535</u>	<u>125</u>	<u>Anhydrite</u>
<u>535</u>	<u>645</u>	<u>15</u>	<u>Red Rock</u>
<u>645</u>	<u>1390</u>	<u>745</u>	<u>Salt</u>
<u>1390</u>	<u>1420</u>	<u>30</u>	<u>Anhydrite</u>
<u>1420</u>	<u>1530</u>	<u>110</u>	<u>Salt</u>
<u>1530</u>	<u>1595</u>	<u>65</u>	<u>Anhydrite & Red Bed</u>
<u>1595</u>	<u>1725</u>	<u>130</u>	<u>Anhydrite</u>
<u>1725</u>	<u>1745</u>	<u>20</u>	<u>Red Bed</u>
<u>1745</u>	<u>1825</u>	<u>80</u>	<u>Anhydrite & Red Bed</u>
<u>1825</u>	<u>1940</u>	<u>115</u>	<u>Anhydrite</u>
<u>1940</u>	<u>1965</u>	<u>25</u>	<u>Anhydrite & Red Bed</u>
<u>1965</u>	<u>2385</u>	<u>420</u>	<u>Anhydrite</u>
<u>2385</u>	<u>2415</u>	<u>30</u>	<u>Anhydrite & Br. Shale</u>
<u>2415</u>	<u>2507</u>	<u>182</u>	<u>Anhydrite</u>
<u>2507</u>	<u>2597</u>	<u>90</u>	<u>Red Sand (Hole full of Water)</u>
<u>2597</u>	<u>2660</u>	<u>63</u>	<u>Brown Lime</u>
<u>2660</u>	<u>2666</u>	<u>6</u>	<u>Blue Shale</u>
<u>2666</u>	<u>2675</u>	<u>9</u>	<u>Gr. Lime</u>
<u>2675</u>	<u>2850</u>	<u>175</u>	<u>Anhydrite</u>
<u>2850</u>	<u>2860</u>	<u>10</u>	<u>RYB.</u>
<u>2860</u>	<u>2875</u>	<u>15</u>	<u>Brown Shale</u>
<u>2875</u>	<u>2900</u>	<u>25</u>	<u>Shale R. & Gr.</u>
			<u>Gas @2885 (have forge mover out)</u>

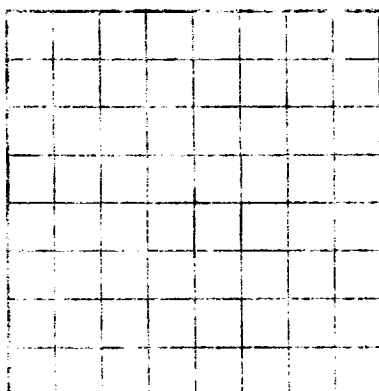
(OVER)

16-43094-2

FORMATION RECORD—CONTINUED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL
20-012-0411



LOCATE WELL CORRECTLY

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.

Location of well (lat. and long.) of the land on which the well is located.

Well No. _____

Owner of land _____

Operator of well _____

Company _____

Address _____

The name of the well is _____

The name of the land on which the well is located is _____

The name of the landowner is _____

The name of the operator is _____

The name of the company is _____

OIL OR GAS SANDS OR ZONES	
No. 1 from _____	_____
No. 2 from _____	_____
No. 3 from _____	_____
No. 4 from _____	_____
No. 5 from _____	_____
No. 6 from _____	_____
IMPORTANT WATER SANDS	
No. 1 from _____	_____
No. 2 from _____	_____
No. 3 from _____	_____
No. 4 from _____	_____
No. 5 from _____	_____
No. 6 from _____	_____
CASING RECORD	
No. 1 from _____	_____
No. 2 from _____	_____
No. 3 from _____	_____
No. 4 from _____	_____
No. 5 from _____	_____
No. 6 from _____	_____

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 "detached" 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

DATE	DEPTH	FORMATION	TOOL USED	REMARKS
1913	0	Red shale	Drill	Started drilling
1913	15	Red shale	Drill	
1913	30	Red shale	Drill	
1913	45	Red shale	Drill	
1913	60	Red shale	Drill	
1913	75	Red shale	Drill	
1913	90	Red shale	Drill	
1913	105	Red shale	Drill	
1913	120	Red shale	Drill	
1913	135	Red shale	Drill	
1913	150	Red shale	Drill	
1913	165	Red shale	Drill	
1913	180	Red shale	Drill	
1913	195	Red shale	Drill	
1913	210	Red shale	Drill	
1913	225	Red shale	Drill	
1913	240	Red shale	Drill	
1913	255	Red shale	Drill	
1913	270	Red shale	Drill	
1913	285	Red shale	Drill	
1913	300	Red shale	Drill	
1913	315	Red shale	Drill	
1913	330	Red shale	Drill	
1913	345	Red shale	Drill	
1913	360	Red shale	Drill	
1913	375	Red shale	Drill	
1913	390	Red shale	Drill	
1913	405	Red shale	Drill	
1913	420	Red shale	Drill	
1913	435	Red shale	Drill	
1913	450	Red shale	Drill	
1913	465	Red shale	Drill	
1913	480	Red shale	Drill	
1913	495	Red shale	Drill	
1913	510	Red shale	Drill	
1913	525	Red shale	Drill	
1913	540	Red shale	Drill	
1913	555	Red shale	Drill	
1913	570	Red shale	Drill	
1913	585	Red shale	Drill	
1913	600	Red shale	Drill	
1913	615	Red shale	Drill	
1913	630	Red shale	Drill	
1913	645	Red shale	Drill	
1913	660	Red shale	Drill	
1913	675	Red shale	Drill	
1913	690	Red shale	Drill	
1913	705	Red shale	Drill	
1913	720	Red shale	Drill	
1913	735	Red shale	Drill	
1913	750	Red shale	Drill	
1913	765	Red shale	Drill	
1913	780	Red shale	Drill	
1913	795	Red shale	Drill	
1913	810	Red shale	Drill	
1913	825	Red shale	Drill	
1913	840	Red shale	Drill	
1913	855	Red shale	Drill	
1913	870	Red shale	Drill	
1913	885	Red shale	Drill	
1913	900	Red shale	Drill	
1913	915	Red shale	Drill	
1913	930	Red shale	Drill	
1913	945	Red shale	Drill	
1913	960	Red shale	Drill	
1913	975	Red shale	Drill	
1913	990	Red shale	Drill	
1913	1005	Red shale	Drill	
1913	1020	Red shale	Drill	
1913	1035	Red shale	Drill	
1913	1050	Red shale	Drill	
1913	1065	Red shale	Drill	
1913	1080	Red shale	Drill	
1913	1095	Red shale	Drill	
1913	1110	Red shale	Drill	
1913	1125	Red shale	Drill	
1913	1140	Red shale	Drill	
1913	1155	Red shale	Drill	
1913	1170	Red shale	Drill	
1913	1185	Red shale	Drill	
1913	1200	Red shale	Drill	
1913	1215	Red shale	Drill	
1913	1230	Red shale	Drill	
1913	1245	Red shale	Drill	
1913	1260	Red shale	Drill	
1913	1275	Red shale	Drill	
1913	1290	Red shale	Drill	
1913	1305	Red shale	Drill	
1913	1320	Red shale	Drill	
1913	1335	Red shale	Drill	
1913	1350	Red shale	Drill	
1913	1365	Red shale	Drill	
1913	1380	Red shale	Drill	
1913	1395	Red shale	Drill	
1913	1410	Red shale	Drill	
1913	1425	Red shale	Drill	
1913	1440	Red shale	Drill	
1913	1455	Red shale	Drill	
1913	1470	Red shale	Drill	
1913	1485	Red shale	Drill	
1913	1500	Red shale	Drill	
1913	1515	Red shale	Drill	
1913	1530	Red shale	Drill	
1913	1545	Red shale	Drill	
1913	1560	Red shale	Drill	
1913	1575	Red shale	Drill	
1913	1590	Red shale	Drill	
1913	1605	Red shale	Drill	
1913	1620	Red shale	Drill	
1913	1635	Red shale	Drill	
1913	1650	Red shale	Drill	
1913	1665	Red shale	Drill	
1913	1680	Red shale	Drill	
1913	1695	Red shale	Drill	
1913	1710	Red shale	Drill	
1913	1725	Red shale	Drill	
1913	1740	Red shale	Drill	
1913	1755	Red shale	Drill	
1913	1770	Red shale	Drill	
1913	1785	Red shale	Drill	
1913	1800	Red shale	Drill	
1913	1815	Red shale	Drill	
1913	1830	Red shale	Drill	
1913	1845	Red shale	Drill	
1913	1860	Red shale	Drill	
1913	1875	Red shale	Drill	
1913	1890	Red shale	Drill	
1913	1905	Red shale	Drill	
1913	1920	Red shale	Drill	
1913	1935	Red shale	Drill	
1913	1950	Red shale	Drill	
1913	1965	Red shale	Drill	
1913	1980	Red shale	Drill	
1913	1995	Red shale	Drill	
1913	2010	Red shale	Drill	
1913	2025	Red shale	Drill	
1913	2040	Red shale	Drill	
1913	2055	Red shale	Drill	
1913	2070	Red shale	Drill	
1913	2085	Red shale	Drill	
1913	2100	Red shale	Drill	
1913	2115	Red shale	Drill	
1913	2130	Red shale	Drill	
1913	2145	Red shale	Drill	
1913	2160	Red shale	Drill	
1913	2175	Red shale	Drill	
1913	2190	Red shale	Drill	
1913	2205	Red shale	Drill	
1913	2220	Red shale	Drill	
1913	2235	Red shale	Drill	
1913	2250	Red shale	Drill	
1913	2265	Red shale	Drill	
1913	2280	Red shale	Drill	
1913	2295	Red shale	Drill	
1913	2310	Red shale	Drill	
1913	2325	Red shale	Drill	
1913	2340	Red shale	Drill	
1913	2355	Red shale	Drill	
1913	2370	Red shale	Drill	
1913	2385	Red shale	Drill	
1913	2400	Red shale	Drill	
1913	2415	Red shale	Drill	
1913	2430	Red shale	Drill	
1913	2445	Red shale	Drill	
1913	2460	Red shale	Drill	
1913	2475	Red shale	Drill	
1913	2490	Red shale	Drill	
1913	2505	Red shale	Drill	
1913	2520	Red shale	Drill	
1913	2535	Red shale	Drill	
1913	2550	Red shale	Drill	
1913	2565	Red shale	Drill	
1913	2580	Red shale	Drill	
1913	2595	Red shale	Drill	
1913	2610	Red shale	Drill	
1913	2625	Red shale	Drill	
1913	2640	Red shale	Drill	
1913	2655	Red shale	Drill	
1913	2670	Red shale	Drill	
1913	2685	Red shale	Drill	
1913	2700	Red shale	Drill	
1913	2715	Red shale	Drill	
1913	2730	Red shale	Drill	
1913	2745	Red shale	Drill	
1913	2760	Red shale	Drill	
1913	2775	Red shale	Drill	
1913	2790	Red shale	Drill	
1913	2805	Red shale	Drill	
1913	2820	Red shale	Drill	
1913	2835	Red shale	Drill	
1913	2850	Red shale	Drill	
1913	2865	Red shale	Drill	
1913	2880	Red shale	Drill	
1913	2895	Red shale	Drill	
1913	2910	Red shale	Drill	
1913	2925	Red shale	Drill	
1913	2940	Red shale	Drill	
1913	2955	Red shale	Drill	
1913	2970	Red shale	Drill	
1913	2985	Red shale	Drill	
1913	3000	Red shale	Drill	
1913	3015	Red shale	Drill	
1913	3030	Red shale	Drill	
1913	3045	Red shale	Drill	
1913	3060	Red shale	Drill	
1913	3075	Red shale	Drill	
1913	3090	Red shale	Drill	
1913	3105	Red shale	Drill	
1913	3120	Red shale	Drill	
1913	3135	Red shale	Drill	
1913	3150	Red shale	Drill	
1913	3165	Red shale	Drill	
1913	3180	Red shale	Drill	
1913	3195	Red shale	Drill	
1913	3210	Red shale	Drill	
1913	3225	Red shale	Drill	
1913	3240	Red shale	Drill	
1913	3255	Red shale	Drill	
1913	3270	Red shale	Drill	
1913	3285	Red shale	Drill	
1913	3300	Red shale	Drill	
1913	3315	Red shale	Drill	
1913	3330	Red shale	Drill	
1913	3345	Red shale	Drill	
1913	3360	Red shale	Drill	
1913	3375	Red shale	Drill	
1913	3390	Red shale	Drill	
1913	3405	Red shale	Drill	
1913	3420	Red shale	Drill	
1913	3435	Red shale	Drill	
1913	3450	Red shale	Drill	
1913	3465	Red shale	Drill	
1913	3480	Red shale	Drill	
1913	3495	Red shale	Drill	
1913	3510	Red shale	Drill	
1913	3525	Red shale	Drill	
1913	3540	Red shale	Drill	
1913	3555	Red shale	Drill	
1913	3570	Red shale	Drill	
1913	3585	Red shale	Drill	
1913	3600	Red shale	Drill	
1913	3615	Red shale	Drill	
1913	3630	Red shale	Drill	
1913	3645	Red shale	Drill	
1913	3660	Red shale	Drill	
1913	3675	Red shale	Drill	
1913	3690	Red shale	Drill	
1913	3705	Red shale	Drill	
1913	3720	Red shale	Drill	
1913	3735	Red shale	Drill	
1913	3750	Red shale	Drill	
1913	3765	Red shale	Drill	
1913	3780	Red shale	Drill	
1913	3795	Red shale	Drill	
1913	3810	Red shale	Drill	
1913	3825	Red shale	Drill	
1913	3840	Red shale	Drill	
1913	3855	Red shale	Drill	
1913	3870	Red shale	Drill	
1913	3885	Red shale	Drill	
1913	3900	Red shale	Drill	
1913	3915	Red shale	Drill	
1913	3930	Red shale	Drill	
1913	3945	Red shale	Drill	
1913	3960	Red shale	Drill	
1913	3975	Red shale	Drill	
1913	3990	Red shale	Drill	
1913	4005	Red shale	Drill	
1913	4020	Red shale	Drill	
1913	4035	Red shale	Drill	
1913	4050	Red shale	Drill	
1913	4065	Red shale	Drill	
1913	4080	Red shale	Drill	
1913	4095	Red shale	Drill	
1913	4110	Red shale	Drill	
1913	4125	Red shale	Drill	
1913	4140	Red shale	Drill	
1913	4155	Red shale	Drill	
1913	4170	Red shale	Drill	
1913	4185	Red shale	Drill	