

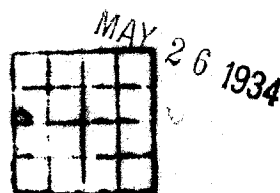
Plotted Texas CO.

SEC. 22 T. 13 R. 14W
SW c SW NW

TOM PALMER
Well No. 1.

Total Depth. 3280
Comm. 3-22-34 Comp. 5-8-34
Shot or Treated.
Contractor.
Issued. 5-26-34.

County. Russell.



CASING.

20"	28'	10"	2465'
15 1/2"	368'	8 1/2"	3004'
12 1/2"	365'	7"	3193'
		53/16"	3268'

Elevation.

Production. 1002 bbls in
24 hours.

Figures Indicate Bottom of Formations.

clay yellow	19	lime	1690	shale	2715
shale	80	shale blue soft	1693	lime	2725
slate	90	lime white hard	1750	lime broken	2750
lime	92	lime shells and shale	1765	lime and shells and	
slate	150	lime	1805	shale	2755
sdv shale	175	slate	1810	lime hard	2860
shale blue	190	shale	1812	shale	2870
sand	220	lime	1878	lime	2875
red rock	275	slate	1890	slate blue	2880
shale blue	305	shelly lime & slate	1895	shale	2882
slate	310	red rock	1900	lime	2905
sand	330	lime	1905	shale	2910
sand	360	shale	1915	lime	2970
pyrite and lime	367	red rock	1920	shale dark soft	2975
pyrite	375	lime	1955	lime	2990
water sand	385	red rock	1960	red rock	3000
pyrite	388	lime	2020	slate	3004
pyrite and sand	391	red rock	2025	lime	3085
pyrite	395	lime	2040	shale	3090
sand	415	shale blue	2050	lime	3100
shale blue	421	lime	2085	shale	3105
red rock	425	red rock	2090	lime	3110
shale	430	lime	2150	water sand	3119
shale	445	hole caving 2127		lime	3140
sdv shale	457	red rock	2170	shale	3150
shale	480	red rock	2175	lime	3185
sand	490	hole caving.		lime broken grey	3190HFW
shale	510	lime	2190	lime wh hard	3206
red rock	574	shale grey soft	2200	shale	3216
sdv red rock	615	shale blue soft	2205	lime broken	3255
red rock	840	lime white hard	2240	shale	3267
red rock	844	shale	2250	lime	3280
lime	861	lime	2270	TD.	
anhydrite	873	shale grey	2280		
lime	881	lime	2295	Pulling 8 1/4 10" and 15 1/2"	
shale	883	shale	2320		
red rock	995	lime	2330		
lime	1005	shale	2350		
red rock	1030	lime white	2372		
shale	1075	slate blue soft	2395		
red rock	1130	shale	2450		
shale	1240	lime	2463		
shale and salt	1280	slate	2468		
salt	1490	lime	2520		
shale	1495	shale blue	2530		
lime	1515	lime	2535		
shale	1520	shale	2585		
salt	1553	lime	2610		
lime	1558	slate	2615		
shale	1580	lime	2645		
lime	1605	slate blue	2655		
shale	1610	shale	2670		
rock	1620	lime	2680		
	1625	shale	2690		
	1630	lime	2700		
	1635	shale	2710		
	1640	lime			

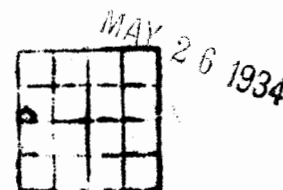
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shale	1580	lime	2615		
lime	1605	slate blue	2645		
shale	1610	shale	2655		
lime	1620	lime	2670		
red rock	1625	shale	2680		
lime	1630	lime	2690		
red rock	1635	shale	2700		
red rock	1640	lime	2710		

TOM PALMER

WICHITA, KANSAS

Drilling Report Woolk #1 Date Spudded: March 22, 1934

Location SW 1/4 SW NW County: Russell

Elevation Sec. 22-13-14W Depth of Last Report: _____

FORMATION	FROM	TO	REMARKS
Clay, yellow	0	19	
Shale	19	80	Set 20"—28"
Slate	80	90	
Lime	90	92	
Slate	92	150	
Sandy shale	150	175	
Shale, blue	175	190	
Sand	190	220	
Red Rock	220	275	
Blue shale	275	305	
Slate	305	310	
Sand	310	330	
Sand	330	360	
Pyrite & lime	360	367	Set 15 1/2"—368"
Pyrite	367	375	
Water Sand	375	385	
Pyrite	385	388	
Pyrite & sand	388	391	
Pyrite	391	395	
Sand	395	415	
Blue shale	415	421	
Red Rock	421	425	
Shale	425	430	
Shale	430	445	
Sandy shale	445	457	
Shale	457	480	
Sand	480	490	
Shale	490	510	
Red rock	510	574	
Sandy red rock	574	615	Set 12 1/2"—665"
Red rock	615	840	

TOM PALMER

WICHITA, KANSAS

Drilling Report Well #1 Date Spudded: _____

Location _____ County: Russell

Elevation _____ Depth of Last Report: 1065' 840'

FORMATION	FROM	TO	REMARKS
Red Rock	840	844	
Lime	844	861	
Anhydrite	861	873	- Reamed 12 1/2
Lime	873	881	
Shale	881	883	
Red Rock	883	995	
Lime	995	1005	
Red Rock	1005	1030	
Shale	1030	1075	
Red Rock	1075	1130	
Shale	1130	1240	
Shale & salt	1240	1280	
Salt	1280	1490	
Shale	1490	1495	
Lime	1495	1515	
Shale	1515	1520	
Salt	1520	1553	
Lime	1553	1558	
Shale	1558	1580	
Lime	1580	1605	
Shale	1605	1610	
Lime	1610	1620	
Red Rock	1620	1625	
Lime	1625	1630	
Red Rock	1630	1635	

TOM PALMER

WICHITA, KANSAS

Drilling Report _____ Work No. 1 Date Spudded: _____

Location _____ County: Russell

Elevation _____ Depth of Last Report: 1635'

FORMATION	FROM	TO	REMARKS
Red Rock	1635	1640	
Lime	1640	1690	
Shale, blue, soft	1690	1693	
Lime, white, hard	1693	1750	
Lime, shells, & shale	1750	1765	
Lime	1765	1805	Fishing for bit
Slate	1805	1810	
Shale	1810	1812	
Lime	1812	1878	
Slate	1878	1890	
Shelly lime & slate	1890	1895	
Red Rock	1895	1900	
Lime	1900	1905	
Shale	1905	1915	
Red Rock	1915	1920	
Lime	1920	1955	
Red Rock	1955	1960	
Lime	1960	2020	
Red Rock	2020	2025	
Lime	2025	2040	
Shale, blue	2040	2050	
Lime	2050	2085	
Red Rock	2085	2090	
Lime	2090	2150	Hole caving—2127'
Red Rock	2150	2170	

TOM PALMER

WICHITA, KANSAS

Drilling Report _____ Well No. 1 _____ Date Spudded: _____

Location _____ County: Russell _____

Elevation _____ Depth of Last Report: 2170' _____

FORMATION	FROM	TO	REMARKS
Red Rock	2170	2175	Hole caving
Lime	2175	2190	
Shale, grey, soft	2190	2200	
Shale, blue, soft	2200	2205	
Lime, white, hard	2205	2240	
Shale	2240	2250	
Lime	2250	2270	
Shale, grey	2270	2280	
Lime	2280	2295	
Shale	2295	2320	
Lime	2320	2330	
Shale	2330	2350	
Lime, white	2350	2372	
Slate, blue, soft	2372	2395	
Shale	2395	2450	
Lime	2450	2460	
Slate	2460	2463	
Lime	2463	2468	
Shale, blue	2468	2520	
Lime	2520	2530	
Shale	2530	2535	Running 10" — 2465'
Lime	2535	2585	
Slate	2585	2610	
Lime	2610	2615	
Slate, blue	2615	2645	
Shale	2645	2655	
Lime	2655	2670	
Shale	2670	2680	
Lime	2680	2690	
Shale	2690	2700	
Lime	2700	2710	
Shale	2710	2715	
Lime	2715	2725	
Lime, brkn	2725	2750	
Lime & shells & shale	2750	2755	

TOM PALMER

WICHITA, KANSAS

Drilling Report Well No. 1 Date Spudded: _____

Location _____ County: Russell

Elevation _____ Depth of Last Report: 2755'

FORMATION	FROM	TO	REMARKS
Lime, hard	2755	2860	
Shale	2860	2870	
Lime	2870	2875	
Slate, blue	2875	2880	
Shale	2880	2882	
Lime	2882	2905	
Shale	2905	2910	
Lime	2910	2970	
Shale, dark, soft	2970	2975	
Lime	2975	2990	
Red Rock	2990	3000	
Slate	3000	3004	
Lime	3004	3085	
Shale	3085	3090	
Lime	3090	3100	
Shale	3100	3105	
Lime	3105	3110	
Water Sand	3110	3119	
Lime	3119	3140	
Shale	3140	3150	
Lime	3150	3185	

Underreaming 8 1/4"
Set 8 1/4" — 3004'

TOM PALMER

WICHITA, KANSAS

Drilling Report Well No. 1 Date Spudded: _____

Location _____ County: Russell

Elevation _____ Depth of Last Report: 3185'

FORMATION	FROM	TO	REMARKS
Lime, brkn, grey	3185	3190	HFW
Lime, white, hard	3190	3206	Running 7" csg.-3193'
Shale	3206	3216	
Lime, brkn	3216	3255	
Shale	3255	3267	Running 5 3/16" csg.
Lime	3267	3280	3268' Pulling 8 1/4" & 10" & 15 1/2"

Completed—May 8, 1934

Tested—May 20, 1934—24 hrs—1002 bbls.

9-21-59. Halliburton pumped plug, found hole in 5 1/2 csg @ 735'.

9-22-59 - Halliburton cemented through hole in 5 1/2 csg @ 735' w. 350 SxX. Cement circulated to surface.