

2118

Plotted

8-12-154

WELL RECORD AND LOG

Well No. One This is the Discovery Well Alt. 1863' Carrie Oswald Farm

Location SWC 8 1/4 Sec. 8 Twp. 12 Range 15 W. County Russell

Valerius Oil & Gas Company

Rig Commenced 19 } George P. Gephart Contractor
 Rig Completed 19 }
 Drilling Commenced August 15, 1923 } Stearns & Trechter Company Contractor
 Drilling Completed November 25, 1923 } Wichita, Kansas.

CASING AND TUBING

SIZE	Weight Per Foot	PUT IN WELL		PULLED OUT of WELL		LEFT IN WELL		REMARKS
		FEET	INCHES	FEET	INCHES	FEET	INCHES	
15 1/2	70	391						
12 1/2	50	901						
10	40	1535						
8 1/2	32	700						
8	28	1826						
6 5/8	24	2700						
5 3/16	17	2998						

SAND RECORD

NAME	TOP	TOP	FEET OF SAND	REMARKS
sand darksoft	2162	2172	10	some gas
dark soft	2520	2523	3	show of oil
lime white soft	2795	2710 2802	7	some gas good show oil
sandy lime white soft	2945	2900	15	show oil
sandy lime	2998	3004	6	hole full oil
sandy lime	3022	3031	9	flowing oil
sandy lime	3033	3036 1/2	3 1/2	more oil
TOTAL DEPTH	3036 1/2			

SHOT 19 BY SHOOTER

SIZE OF SHOT SAND SHOT

PRODUCTION FIRST 24 HOURS 300 bbls. GRAVITY 41 degrees Baume

1863'						
FORMATION	FROM	TO	FEET	FORMATION	FROM	TO
shale yellow soft		15	15			
shale brown soft	15	141	126	Base of Benton		
shale brown soft	141	160	19			
shale gray soft	160	180	20			
shale blue soft	180	215	35			
redrock soft	215	257	42			
sand brown soft	257	263	6			
quicksand red soft	263	310	47	Hole full water at 267' & 310' cave		
sand brown soft	310	372	62			
quicksand red soft	372	380	8			
sand light soft	380	400	20	Base of Dakota		
shale blue soft	400	430	30			
shale black soft	430	520	90			
shale blue soft	520	530	10			
sand light soft	530	540	10			
sand light soft	540	548	8			
shale light soft	548	560	12			
redrock soft	560	655	95	Red Beds.		
sand red soft	655	680	25	Hole full salt water 680'		
red shale soft	680	900	220			
lime gray hard	900	950	50			
redrock soft	950	1055	105			
shale brown soft	1055	1100	45			
redrock soft	1100	1180	80			
shale blue soft	1180	1285	105			
salt light soft	1285	1515	230			
shale gray soft	1515	1545	30			
lime white hard	1545	1595	40			
shale blue soft	1595	1615	30			
lime white hard	1615	1625	10			
shale blue soft	1625	1635	10			
lime white hard	1635	1650	15			
sandy shale gray soft	1650	1655	5			
redrock soft	1655	1680	25			
lime gray hard	1680	1700	20			
shale blue soft	1700	1735	35			
lime light hard	1735	1750	15			
redrock soft	1750	1780	30			
lime white hard	1780	1905	125			
redrock soft	1905	1915	10			
lime gray hard	1915	1925	10			
shale gray soft	1925	1950	25			
lime dark hard	1950	1970	20			
shale red soft	1970	1985	15			
lime white hard	1985	2010	25			
shale blue soft	2010	2070	60			
lime white hard	2070	2100	30			
redrock soft	2100	2162	62			
sand dark soft	2162	2172	10	Gas at 2165'		
shale dark soft	2172	2210	38			
shale light soft	2210	2270	60			
lime light hard	2270	2275	5			
shale light soft	2275	2285	10			
lime light hard	2285	2300	15			
shale blue soft	2300	2480	180			
lime light hard	2480	2495	15			
shale blue soft	2495	2520	25			
sand dark soft	2520	2523	3	show of oil		
shale blue soft	2523	2635	112	3 bailers water		
sand dark soft	2635	2639	4			
shale blue soft	2639	2753	114	Gas at 2710'		
lime white hard	2753	2795	42			
sand dark soft	2795	2802	7	Good show of oil		
lime white hard	2802	2875	73			
lime dark hard	2875	2880	5			
sand light soft	2880	2935	55	1 bailer water		
shale black soft	2935	2940	5			
shale light soft	2940	2945	5			
lime & sand soft	2945	2960	15	Showing for 10 bbl. well 23 gravity		
shale brown soft	2960	2998	38			
sandy lime soft	2998	3004	6	Carrying 41 gravity oil.		
lime hard	3004	3022	18	No oil		
sandy lime	3022	3031	9	Oil-bearing		
shale	3031	3033	2			
Sandy lime	3033	3036 1/2	3 1/2	Oil-bearing		
Total Depth		3036 1/2				