

M. M. Valerius Oil Company  
Phillips No. 1

Commenced drilling ~~March 2, 1924~~ February 1, 1924  
completed drilling August 7, 1924

Sec. 5 Twp. 13S R. 13E *Wear*  
Farm No. \_\_\_\_\_  
Company \_\_\_\_\_  
Elev. \_\_\_\_\_ T. D. \_\_\_\_\_  
Log No. *12127*

Casing Record:

20"	200
15 1/2"	490
12 1/2"	960
10"	1825
8 1/4"	2285
6 5/8"	3180

Soil	0 - 10
Shale	125
Sand	135
Slate	170
Sand	200
Sand & shale	280
Shale	310
Sand & lime	330
Lime	360
Shale	360
Red rock	510
Sand	514
Red rock	610
Sand (water)	615
Red bed	685
Lime	730
Red rock	850
Shale	875
Red rock	950
Shale	1050
Salt	1400
Lime	1480
Red rock	1500
Lime	1525
Red rock	1575
Lime	1600
Red rock	1625
Lime	1735
Shale	1750
Sand	1760
Red rock	1766
Sand & lime	1800
Lime	1835
Shale	1845
Broken slate, sand & lime	1966
Red rock	2001
Lime	2050
Shale	2060
Lime	2075
Shale	2100
Lime	2135
Shale	2220
Lime	2230

Shale	2240
Lime	2250
Shale	2260
Red rock	2275
Sand HFW	2285
Shale	2366
Lime	2388
Slate	2406
Water sand	2411
Shale	2420
Lime	2435
Shale	2445
Lime	2490
Slate	2560
Lime water	2595
Shale	2600
Lime	2640
Lime	2705
Sand	2710
Lime	2800
Sand, water	2805
Lime	2853
Shale	2856
<del>Shale</del>	<del>2870</del>
<del>Shale</del>	<del>2875</del>
Lime	2865
Shale	2875
Lime	2892
Shale	2920
Lime	2940
Shale	2960
Lime shells	2995
Shale	3000
Lime	3040
Sand - water	3045


Over)

576876

Lime	3045
Shale	3150
Lime shells	3155
Lime	3180
Shale	3190
Lime	3193
Shale	3216
Red rock	3220
Lime	3255Li
Red rock	3260
Lime	3285
Water sand HFW	3290
Broken lime	3300
Shale	3340
Red rock	3380
Sand HFW	3400
Lime	3410
Sand	3470
Lime	3478
Sand & lime	3490
Gray sand	3685
Sand & lime	3690
	3810

XXXX

3100

3100  
 3150  
 3180  
 3190  
 3193  
 3216  
 3220  
 3255Li  
 3260  
 3285  
 3290  
 3300  
 3340  
 3380  
 3400  
 3410  
 3470  
 3478  
 3490  
 3685  
 3690  
 3810

# SKELLY OIL COMPANY

## GEOLOGICAL DEPARTMENT

COMPANY Valerius O & G. Phillips

SW  
S. 3 T. 13<sup>S</sup> R. 13W

Lease and  
Well No.

COUNTY \_\_\_\_\_

Drilling  
Commenced

27710

STATE Kansas

Drilling  
Completed

ELEVATION \_\_\_\_\_

Initial  
Production


### CASING

soil	10	Lime	2230	Lime	3190
blue shale	125	Shale	2240	Shale	3193
sand	135	Lime	2250	Lime	3216
shale	170	Shale	2260	Brown. shale	3220
sand	200	Red rock	2275	Red rock	3255
sandy shale	280	Sand HFW	2285	Lime	3260
blue shale	310	Shale	2366	Red rock	3285
sandy lime	330	Lime	2388	Lime	3290
lime	350	Shale	2406	Sand	3300HFW
blue shale	360	S and 12 BW	2411	Brkn. lime	3310
red rock	610	Shale	2420	Red rock	3340Bad
sand	685	Lime	2435	Green shale	3380Cave
lime	730	Shale	2445	Red rock	3400
red rock	850	Lime shells	2490	Sand	3410
blue shale	875	Shale	2560	HFW	3410
red rock	950	Lime 3 BW	2575	lime	3470
blue shale	1050	Shale	2600	sand	3478
salt	1400	Lime	2640	lime	3490
lime	1480	Shale	2667	sdly lime	3685
red rock	1500	Lime	2705	sand	3690
lime	1525	Sand	2710	sdly lime	3804 TD
red rock	1575	Lime	2800		
lime	1600	Sand 1/2 BW	2805	Drilled with HFW	
red rock	1625	Lime	2853	from 3410 to 3804.	
lime	1735	Shale	2856		
sand	1760	Lime	2865	Penn. fossils in	
red rock	1766	Shale	2875	smamples 3160'	
sandy lime	1800	Lime	2892	Decorah green shale	
lime	1835	Brown shale	2920	fr 3340 to 3380	
brown shale	1845	Lime	2940	cherty lime	3400 TD
blue shale	1966	Shale	2960	sandstone	3720
red rock	2001	Lime shells	2995	Twenhofel	A.A.P
lime	2050	Shale	3000		G
brown shale	2060	Lime	3040	January, 1927	
Lime	2075	Sand 4 BW	3045		
Shale	2100	Lime	3150		
Lime	2135	Shale	3155		
Shale	2220	Lime shells	3180		
Bad cave.					

<del>lime</del>	<del>2075</del>	
<del>blue shale</del>	<del>2100</del>	
<del>lime</del>	<del>2135</del>	
<del>blue shale</del>	<del>2220</del>	
<del>lime</del>	<del>2230</del>	
<del>blue shale</del>	<del>2240</del>	
<del>lime soft</del>	<del>2250</del>	
<del>shale</del>	<del>2260</del>	
<del>red rock</del>	<del>2275</del>	
<del>sand</del>	<del>2285</del>	HFV
<del>blue shale</del>	<del>2366</del>	
<del>lime</del>	<del>2388</del>	
<del>shale light</del>	<del>2406</del>	
<del>sand water</del>	<del>2411</del>	12 BW
<del>shale</del>	<del>2420</del>	
<del>lime</del>	<del>2435</del>	
<del>shale</del>	<del>2440</del>	
<del>lime shells</del>	<del>2490</del>	
<del>lime</del>	<del>2560</del>	
<del>lime</del>	<del>2575</del>	
<del>blue shale</del>	<del>2600</del>	
<del>lime</del>	<del>2700</del>	