



THE PHIL-HAN OIL COMPANY  
#1 BEATTY

SE SW SW Sec. 9-12-13W  
Russell County, Kansas

Comm: 10-25-43  
Comp: 12-8-43

Elevation: 1727'

Production: D & A

surface clay	20	LIME	1860	shale	2976
blue shale	105	red rock	1870	lime	3025
lt. gray shale	145	lime	1925	brkn lime	3042
sandy shale	155	red rock	1940	shale	3048
blue shale	205	shale & shells	1950	lime	3092
light shale	210	brkn lime	2000	black shale	3094
yellow clay	215	red rock	2015	lime	3165
red clay	225	lime	2035	shale & lime	3175
sand	235	blue shale	2040	lime	3180
red rock	265	lime	2075	soft shale	3185
yellow clay	275	red rock	2095	lime	3200
red rock	320	lime	2110	shale	3208
blue shale	340	blue shale	2120	lime	3225
sandy shale	350	shale & shells	2130	shale	3229
gray shale	380	lime	2170	lime	3245
blue shale	490	shale	2200	lime sh & shale	3250
red rock	770	lime	2210	lime	3290
lime	806	shale	2250	red rock	3295
yellow clay	820	lime	2270	lime	3310
red rock	935	shale & shells	2290	sandy lime	3325
gray shale	990	shale	2315	conglomerate	3415
red rock	1060	lime	2330	chert	3455
blue shale	1080	shale	2360	varicolored chert	3470
shale	1155	lime	2375	lime	3473
lime	1160	shale	2385	varicolored chert	3480
gray shale	1170	lime	2415	green shale	3500
salt	1405	shale	2451	iron	3502
blue shale	1415	lime	2460	lime	3505
lime	1425	shale	2463	water sand	3511
gray shale	1435	lime	2470		
lime	1485	lime	2485		T.D.
broken lime	1490	shale	2490		
gray shale	1495	shale & shells	2510		
lime	1520	lime	2550		
shale	1530	shale	2560		
lime	1540	lime	2580		
red rock	1545	shale	2590		
lime	1565	shale & shells	2640		
green shale	1570	shale	2645		
red rock	1595	lime	2650		
lime	1625	shale & shells	2670		
gray shale	1640	lime	2905		
red rock	1645	brkn lime	2915		
lime	1790	shale & shells	2925		
sandy shale	1800	br lime	2927		
red rock	1815	br shale	2937		
lime	1830	gray shale	2950		
shale	1845	lime	2973		

<u>CASING RECORD</u>	
13 3/8"	435'
10 3/4"	776'
8 5/8"	2453'
7 "	3072'
5 1/2"	3341'

<u>WATER RECORD</u>	
1 BWPH	145-155
3 BWPH	200
2 BWPH	235
10 BWPH	340
1 BWPH	2370
4 BWPH	2560-70
1 BWPH	2990-95
6 BWPH	3057-60
HFW	3314
HFW	3505-11

STATE OF KANSAS, SEDGWICK COUNTY, ss.

I hereby certify that the above and foregoing is a true and correct copy of the log of the #1 Beatty well, located in the SE SW SW Section 9-12-13W, Russell Co., Kansas.

*Terry R. Hanson*

Subscribed and sworn to before me, this 16th day of December, 1943.

*Allen A. Stenberg*  
Notary Public

My com. expires Oct. 4, 1945.

9-12-13W  
107-35