

Plotted Texas CO. *E.M.*

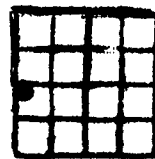
ARMOUR & VERNON O.G.CO.  
Hoffman No. 1.

SEC. 18 T. 16 R. 11W  
NW SW *18-16-11W*

DEEPENING RECORD

Total Depth. 3321'  
Comm. 5-3-39 Comp. 7-19-39  
Shot or treated. 2000 & 5000 Gals.  
Contractor.  
Issued. 6-1-40

County. Barton



CASING:  
12 1/8" 317'  
10 " 719'  
8 1/4" 2095' UR 2505'  
6 5/8" 3135' UR 3185'

Elevation.

Production. Pot. 527 B.  
99 BW

Figures Indicate Bottom of Formations.

cellar	10	shale & shells	2125
shale	145	red rock	2130
sand	155	shale & shells	2145
shale	170	shale	2155
red rock	200	shale & shells	2165
shale	235	lime	2190
red rock	260	shale	2195
shale	280	shale & shells	2205
red rock	300	lime	2215
shale	317	shale	2225
shale blue HFW 330	330	lime	2235
sand	365	shale	2260
shale	515	lime	2275
red rock	520	shale	2290
shale	535	shale & shells	2305
red rock	585	lime	2325
shale	595	shale & shells	2445
red rock	650	lime	2455
lime	655	shale	2480
red rock	705	lime	2570
iron	710	shale	2575
red rock	720	lime	2580
lime	757	shale	2625
shale	765	lime	2645
red rock	810	lime & shale	2665
lime	830	lime	2955
red rock	950	shale	2960
shale	1005	lime	2969
red rock	1055	red rock	2970
shale (1 1/2 BWP 1160- salt 1170)	1160	lime (sh oil 2970- shale 2975)	2985
shale	1385	shale & shells	2995
salt	1400	lime 1 1/2 BW 3035-45	3045
shale & shells	1470	lime & sand	3125
shale, lime shells	1545	lime 4BW 3120-30	3135
lime	1555	Total Depth.	3217
brkn lime	1570		
shale & shells	1595		
lime	1635	1 BW 3145-50	
shale	1645	good sh oil 3205-15	
red rock	1650	200' oil 8 hrs	
shale	1660	2000 Gals. Acid	
lime	1670	10 BOPH	
brkn lime	1700	5000 Gals. Acid	
lime 1 BW 1765-70	1810	Potential 527 Oil, 99 BW	
shale	1860		
lime	1865	Top Anhydrite 720	
shale	1885	Top Topeka 2625?	
red rock	1910	Top Lime 3045	
shale & shells	1915		
lime	1925		
brkn lime	1930		
red rock	1960		
lime	1965		
shale & shells	1970		
lime	2030		
red rock	2035		
lime	2040		
shale	2050		
lime	2055		
shale & lime	2070		
	2105		

DEEPENING RECORD

Comm. 4-24-40  
Comp. 5-8-40  
Production: Pot. 11,997 B.  
Depth., Max. 3000 B.  
lime 3229  
lime brkn 3233  
lime 3255  
shale 3258  
lime 3313  
shale red & green 3315  
conglomerate 3317  
dolomite 3321  
Total Depth.  
pay 3318-21  
800' oil in 1 hr, no wtr  
Base K.C. 3250(s)  
Top Sdy Conglomerate 3305(s)  
Top Chat Conglomerate 3315(s)  
Top Arbuckle 3317(s)  
5" (cored) 3318  
D.P.Co. 3321  
2500' oil 2 hrs  
3100' oil 3 hrs  
500 Acid.  
Max. well.