

Plotted  
28-23-11W

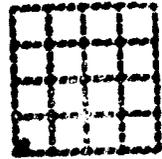
SHELL OIL CO., INC. (COMMUNITY)  
Ethel L. Riley No. 1.

SEC. 28 T. 23 R. 11W  
SWc SW  
330' fr SL 330' fr WL SW $\frac{1}{4}$

DISCOVERY WELL

Total Depth. 3772' PB 3645=3650 SLM  
Comm. 7-26-40 Comp. 8-31-40  
Shot or Treated.  
Contractor. Crow Drlg. Co.  
Issued. 10-5-40

County. Stafford



CASING:  
8 5/8" 262'  
4 1/2" 3762'

Elevation.

Production. Pot. 1342 B.  
335 BW

Figures Indicate Bottom of Formations.

soil & clay	34	lime	3572	fair porosity, dead oil
sand	42	lime cherty	3611	stain 3501-05
sand & gravel	105	shale	3625	sh good porosity, live oil
shale red	230	lime	3638	stain & few gas bubbles
shale	266	chert & lime	3643	3660-64
shale red	343	chert, shale, dolomite	3648	fair oil stain 3664-66
shale red sdy	377	chert & shale	3655	bleeding sm amt oil 3667-
shale red	558	chert, w/some pale to dk		3668.4
anhydrite	579	green shale	3660	slight live oil stain
shale & shells	696	chert	3664	3681-3688
anhydrite	767	chert & dolomite	3666	
shale	777	3666=3667 SLM		
shale red	890	Core #1 3667-3668 4' rec.		
shale blue&lime		total 3"		
shells	1021	top 2" chert		
shale & shells	1066	btm 1" weathered blk chert,		
lime brkn	1091	w/attached finely cryst		
lime strks& shale	1146	dolomite		
shale & salt strks	1168	chert	3695	
salt	1220	lime	3697	
shale & salt strks	1235	shale green	3706	
shale & anhydrite	1445	dolomite	3715	
lime brkn & shale	1531	sand	3716	
lime brkn	1567	dolomite	3718	
lime	1582	dolomitic sand	3721	
lime & strks chert	1605	shale gy to green, dolo-		
anhydrite	1655	mitic & sdy in strks	3727	
shale & lime	1685	shale bright to dk		
chert	1705	green	3753	
lime sdy	1720	shale green w/much		
shale & lime	1790	oolitic chert	3754	
lime	1855	dolomite, sand & shale		
chert & lime	1875	green	3755	
shale & lime	2078	Core #2 3755-60 rec 1 $\frac{1}{2}$ '		
lime & shale strks	2145	dolomite	3772	
shale & lime	2193	Core #3 3767-72 rec 1 $\frac{1}{2}$ '		
lime	2222	3772=3772 SLM		
lime sdy & shale	2238	Total Depth.		
shale	2250			
shale & lime	2380			
shale	2406			
shale & lime	2430	Top Arbuckle dolomite 3762		
lime	2448			
shale & lime strks	2510	8-30-40 6000 Gals. Acid from		
shale	2535	3451-61, 3471-76, &		
lime & shale strks	2585	3483-93		
shale & lime	2625	Indicated capacity by bottom		
shale & lime strks	2686	hole pressure bomb test 1677		
shale & lime	2805	bbls fluid; allowed poten-		
shale strks & lime	2859	tial 1342 bbls oil & 335 BW		
shale & lime	2959	effective 9-12-40		
lime	3042			
lime brkn	3065	Plugged back 3645=3650 SLM		
lime sdy	3089			
lime	3145	slight porosity & oil stain		
shale	3155	3340-42, 3391-92, 3405-12		
lime	3178	good porosity & good spotted		
shale & lime strks	3274	oil stain 3471-77		
shale	3323	fair porosity & spotted oil		
lime	3434	stain 3481-93		
lime cherty	3451			