

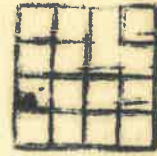
CITIES SERVICE OIL
Smith No. 1-B.

SEC. 16 T. 21 R. 11W
SW NW SW
1332'N 440'E of SW Cor.

DISCOVERY WELL

County. Stafford

Total Depth. 3409'
Comm. 6-30-38 Comp. 7-30-38
Shot or Treated. 2000 Gals.
Contractor. E.J. Shaffer
Issued. 9-3-38



Elevation.

CASING:
12 1/2" Conductor
8 5/8" 335'
5 3/16" 3404'

Production. Pot. 412 Bbls.

Figures Indicate Bottom of Formations.

sand & clay	90	lime	2996
shale & sand	170	brkn lime & shale	3014
red rock	290	lime	3035
shale & lime shells	335	brkn lime	3040
red rock & sand	490	shale	3058
lime	570	brkn lime	3090
brkn lime	630	lime & shale	3103
red rock	680	lime	3112
shale & shells	807	shale	3125
brkn lime	870	brkn lime	3170
shale	940	lime	3270
brkn lime	975	shale & lime	3315
shale	1085	lime	3324
red bed	1200	cored 3322-6" to 3324	
shale & shells	1300	6" rec.	
salt	1350	lime	3350
salt & shale	1365	conglomerate	3362
brkn lime & shale	1505	sdv shale	3370'8"
lime brkn	1580	shale cored(3370-78)	3378
brkn lime & shale	1665	lime	3402
lime & shale	1690	shale	3405
SIM Corr. 1690 equals	1707	lime	3407
brkn lime	1741	lime	3409
anhydrite	1785	Total Depth.	
brkn lime	2110		
brkn lime & shale	2310	Kansas City 3125	
shale sticky	2340	Top Siliceous (Arbuckle) 3404	
shale	2346	Penetration 5'	
sand	2355	Total Depth. 3409	
red bed	2370		
shale & lime	2406	Fillup	
shale	2448	2 P.M. 1000'	
lime	2480	3 P.M. 1140'	
shale sticky	2496	4 P.M. 1265'	
lime	2535	5 P.M. 1405'	
lime & shale	2580	6 P.M. 1555'	
shale	2622	7 P.M. 1720'	
brkn lime & shale	2814	8 P.M. 1825'	
lime porous	2870	9 P.M. 1875'	
lime porous & shale	2908	10 P.M. 1925'	
		11 P.M. 1975'	
		12 P.M. 2025'	