

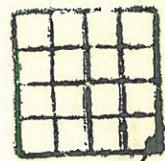
49595

CITIES SERVICE OIL CO.
Phinney No. 1.

SEC. 19 T. 14 R. 13W
SEc SE
330'N 330'W of SE cor.

Total Depth. 3290'
Comm. 1-18-38 Comp. 2-27-38
Shot or Treated.
Contractor. R.W.Rino Drlg.Co.
Issued. 3-19-38

County. Russell



CASING:

20 "	49'P	8 1/4"	2845' UR 2915'P
15 1/2"	345'P	65/8	3145' UR 3171'P
12 1/2"	715'P		
10 3/4"	2338'P		

Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

sand & clay	45	shale blue	2140
mud blue	75	shale & shells	2150
red rock	90	lime	2165
shale blue lgt	135	shale & shells	2190
sand wtr	160	shale	2195
sand	200	lime	2205
red rock	220	shale brown	2210
sand	230	lime & shale	2220
shale blue	250	shale & shells	2235
mud blue	270	lime	2240
shale	285	brkn lime	2280
shale blue	305	sh gas 2265-70	
lime	310	shale blk	2323
shale blue	390	lime	2342
sand	400	shale blue	2380
red rock	700	brkn lime	2415
chalk	705	lime	2430
anhydrite	739	lime w/ shale brks	2450
red rock	905	sh gas 2338-42	
shale blue	965	shale & shells	2460
red rock	1005	lime	2475
slate blue	1025	shale blue	2485
shale brown	1035	shale & shells	2535
shale blue	1110	shale & lime	2575
salt	1325	shale & shells	2590
lime & shale	1370	shale	2600
shale & shells	1390	lime	2700
lime	1400	shale	2705
shale & lime	1410	lime	2830
lime brkn	1460	shale	2835
lime & shale	1500	lime	2855
lime	1505	red rock	2864
red rock	1515	shale blue	2892
lime	1535	lime	3000
lime blk	1550	rainbow sh oil 2930-35	
shale	1565	SLM 3000 equals 3000	
lime	1600	lime	3033
brkn lime	1605	shale & red rock	3043
red rock	1625	brkn lime	3055
brkn lime	1690	lime	3095
shale blue	1705	shale	3107
brkn lime	1740	lime	3125
lime	1745	brkn lime	3140
brkn lime	1770	lime	3150
red rock	1775	lime & shale	3162
brkn lime	1800	sm sh oil 3160-62	
lime	1825	granite wash	3225
shale blue	1850	sh oil 3203-06	
lime	1865	granite	3290
lime & shale	1880	Total Depth.	
shale & shells	1900		
red rock	1905		
brkn lime	1930	Top Lansing-Kansas City	2892
lime	1965	Top Granite wash	3162
red rock	1978	Penetration	128
lime	2010	T.D.	3290
shale	2020		
shale blue	2025	Wtr Record	
lime	2050	HFW 160-75	
shale & lime shells	2070	1 1/2 BW 390-400	
lime	2130	wtr w/ oil 3225	