

R.H. SHIELDS
G.M. Rogg No. 4

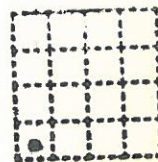
SEC 28 T. 14 R. 13W.
CS $\frac{1}{2}$ SW SW

Total Depth. 2951
Comm. 8-13-41 Comp. 10-10-41
Shot or Treated. 5000 gal acid.
Contractor.
Issued. 11-1-41

County Russell.

CASING.

20"	16'	cemented.
15 $\frac{1}{2}$ "	152'	pulled.
12 $\frac{1}{2}$ "	167'	"
10"	672'	"
8"	2265'	"
7"	2582'	"
5 $\frac{1}{2}$ "	2896'	Cemented.
2"	2949'	



Elevation

Production. Pot. 146 B.

Figures Indicate Bottom of Formations.

cellar	10	rod rock	1990
sand	22	lime	2055
slate	60	shale	2060
sand	123 HFW	lime	2090
iron and sand	162	shale	2110
red rock	167	lime	2117
slate	225	slate	2120
sand	250 HFW	lime	2135
slate	270	slate	2140
sand	277	lime	2155
slate	360	slate	2180
red rock	668	lime	2190
anhydrite lime	705	slate	2220
red rock	860	lime	2225
slate dark	905	slate	2240
red rock	970	red rock	2245
slate dark	980	slate SO	2255
red rock	990	broken lime SO	2265
slate dark	1060	slate	2295
lime	1070	lime	2300
salt	1335	slate	2365
slate	1345	lime shells	2400
lime shells	1435	slate	2405
shale	1445	lime	2425
red rock	1455	slate	2435
lime	1480	lime shells	2520
shale	1485	slate	2535
lime	1500	lime	2555
shale	1510	shale	2565
lime	1555	Topeka lime	2710
shale	1565	shale	2715
lime	1580	lime	2810
red rock	1595	slate	2815
shale	1605	Dodge lime	2835
lime	1625	red rock	2838
1 BW 1620		slate	2874
shale	1635	K.C. lime	2889
lime	1725	slate	2894
shale	1735	small show oil	2907
limo	1745	lime hard	2909
shale	1750	lime soft	2920
lime shells	1800	limo hard	2945
limo	1820	lime soft	2949
slate	1830	lime hard	2951
lime	1915	Total Depth.	
red rock	1925		
lime	1980	Show oil(light)	2830-2835
slate	1985	showing oil	2907

LIME TOPS

Dakota sand	225
Anhydrite lime	668
Topoka limo	2565
Dodge lime	2815
Kansas City limo	2874

showing of oil 2945-2949
hole filled up 500 feet
in 12 hours.