

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- ELDORADO REFINING COMPANY
Farm- Henry Rein No. 4

SEC. 19 T. 14 R. 13W
NE SE NE

Total Depth. 2354 PB 2340
Comm. 8-8-52 Comp. 9-10-52
Shot or Treated. Hydra-frac
Contractor. Shields BE Spudder
Issued. 10-18-52

County Russell
KANSAS



CASING:

20" 40' P.
15 1/2" 37' P.
13 3/8" 144' P.

10" 762' P.
8 5/8" 2281' P. 140' mudded w/80 sx
7" 2337' cem. w/50 sx
Figures Indicate Bottom of Formations.

Elevation. 1790 DF

Production. 50 BOPD

weathered surface	32	red rock	1940
shale blue	100	lime	1975
sand	120	shale	1980
red rock	135	lime	1985
shale gry	195	red rock	2025
shale blue	205	lime	2050
sand HW	225	shale	2060
shale	235	lime & sh break	2085
iron	236	shells & shale	2095
shale blue	250	shale blue	2110
sand	280	red rock SO	2115
shale blue	340	lime	2155
iron	349	shale & shells	2200
shale blue	360	shale blue	2210
sandy shale	385	lime	2215
shale	452	shale & shells	2285
red rock	753	shale	2317
anhydrite lime	791	sand	2319
red rock	955	shale	2336
shale blue	990	sand oil	2339
red rock	1055	shaly sand	2354
shale blue	1179	Total Depth PB 2340	
salt	1385		
shale	1390	Tops:	
salt	1410	Anhydrite	753
shale	1415	Salt	1179
lime	1420	1st Tarkio Sand	2317
shale	1425	2nd Tarkio Sand	2336
lime	1430		
lime & shells	1465	Total Depth checked by	
shale	1490	Halliburton measuring line	
lime	1500	O.K.	
shale	1510		
lime gas C 1525'	1530	C. O. to btm. tested 4 1/2	
shale	1540	GOPH; D.D. 2348 1/2, no inc.	
lime	1550	D.D. 2354, 4 GOPH PN to	
shale	1555	2340 hydrfracked, no inc.	
lime	1565	Gave mothball treatment	
shale	1570	& re-hydrfracked. 22.53	
lime	1575	BO/4 hrs. 4-6% wtr.	
shale	1580		
lime	1585		
shale brown	1600		
lime	1620		
red rock	1670		
lime	1705		
shale	1710		
lime	1805		
shale	1815		
lime	1835		
shale	1840		
lime sharp	1850		
shale	1880		
red rock	1890		
shale	1915		
lime	1935		