

THE ELDORADO REFINING CO.
A.S. Walz No. 1

SEC. 29 T. 13 R. 11W.
SE NE NW

Total Depth. 3440'

Comm. 12-17-34 Comp. 3-2-35

MAR 23 1935

Shot or Treated.

Contractor. J.A. Aylward.

Issued. 3-23-35

County. Russell



CASING.

15 1/2"	395'	8 1/4"	3005'
12 1/2"	645'	65/8"	3325'
10"	2090'		

Elevation.

Production. Dry.

Figures Indicate Bottom of Formations.

post rock	30	shale	1750	lime	3312
shale blue	90	red rock	1760	shale blue	3317
slate blue	130	lime	1810	lime	3325
shale blue	150	shale blue	1820	conglomerate	3368
slate blue	180	red rock	1835	shale green	3395
sand	190	lime	1855	Simpson lime	3435
slate blue	255	red rock	1860	siliceous lime	3440
sand water	265	lime	1895	Total depth.	
sand	275	shale red&blue shells	1920		
HFW fr 265-75		red rock	1930	HFW 3438-40	
shale blue.	285	lime	1945		
shale yellow	290	red rock	1965		
lime	300	lime	1975		
red rock	315	red rock	1985		
shale blue	335	2 BWPHR 1970-75			
red rock	355	lime	2045		
slate light	380	slate & lime shells	2070		
shale blue	425	lime	2090		
shale sdy 3 BW 425'	435	shale	2092		
slate white	445	lime broken	2095		
lime shells & slate	465	lime	2115		
slate	475	slate and shells	2140		
shale blue	495	slate white	2160		
sdv shale water	505	slate & shells	2260		
16 BWPH 495-505		red rock	2270		
shale blue	520	slate	2275		
red rock	690	lime	2305		
anhydrite	735	slate	2315		
red rock	880	slate and shells	2365		
shale blue	935	lime	2410		
shale	940	slate	2425		
red rock	990	lime	2490		
slate blue	1040	slate	2500		
shale blue	1085	lime	2535		
shale	1100	shale	2565		
salt	1140	lime broken	2595		
salt and gyp	1185	shale blue	2605		
salt	1340	lime	2650		
shale blue & shells	1355	shale	2670		
lime	1380	lime	2790		
slate blue	1385	1BWPHR 2765			
lime grey	1400	slate	2795		
lime	1420	lime	2885		
slate	1425	slate blue	2895		
lime	1475	red rock	2905		
shale blue	1480	lime	2920		
lime	1485	red rock	2930		
shale red & blue	1510	shale blue	2965		
lime	1535	lime	3040		
red rock	1540	slate	3045		
lime	1590	lime	3255		
shale blue	1595	1/2 BWPHR 3075			
red rock	1615	slate	3260		
lime broken	1625	lime	3275		
1/2 BWPH 1630		slate	3280		
shale blue	1635	conglomerate	3285		
lime broken	1665	lime	3290		
lime	1745	shale blue	3295		

E. A. Koester
Derby Oil Co.
Conf.

SAMPLE RECORD

State Kansas Co. Russell Farm Walz No. 1 Sec. 29 Twp. 13 Rge. 11w.

Location SE NE NW

Company Aylward & Eldorado Ref. Co. Date Drilled _____

Elevation _____ Total Depth _____

Sample determinations by E. A. Koester, Feb.-March, 1935.

- 3265-3290 Gray shale; a little gray and white dense lime.
3290-3310 White translucent crystalline lime, some gray shale.
3310-3315 Same; mostly blue and gray shale.
3315-3320 Gray clay-shale; some white partly sandy and oolitic, crystalline lime; trace of angular chert.
3320-3325 No sample.
3325-3350 Top of Conglomerate. Red, brown, yellow, and white weathered chert and tripoli; variegated shale; trace lime.
3350-3360 Red cherty conglomerate. Top of Viola lime, in part re-worked, @ 3360'.
3360-3365 White translucent medium crystalline lime, and gray shale.
3365-3370 Same; with some light green-gray shale and caved material.
3370-3390 Same; with more caved material; lime is yellowish and coarsely crystalline; some rounded pieces of lime; some dolomite and shale.
3390-3400 Top of Decorah @ 3395, more or less. Mostly green and light green waxey shale, with some fine to medium, rounded, frosted sand embedded therein; some Viola lime, shale, chert, etc. (caved); some pyrite.
3400-3410 Green shale interbedded with some well cemented fine to coarse, well rounded frosted sand.
3410-3415 Same; very little sand; Rhynidictya mutabilis.?
3415-3435 Same; much fine cemented sand; Rhynidictya sp. ? and another species of bryozoan.