

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg., Wichita, Kansas.

EMPIRE OIL & REFG.
Schultz No. 1

SEC. 16 T. 15 R. 13W
NEc NE
330'S 330'W NE Cor.

Total Depth. 3375' P.B. 3179'
Comm. 5-30-36 Comp. 7-9-36
Shot or Treated. 1000 Gals. acid 7-22-36
Contractor. Twin Drlg. Co.
Issued. 8-29-36

County. Russell

CASING;

12 $\frac{1}{2}$ " 552'
8 $\frac{1}{4}$ " 3315'



Elevation. 1877

Production. Dry & Abnd.

Figures Indicate Bottom of Formations.

lime	50	lime light	2225
shale & shells blue	125	lime brkn	2240
shale	150	lime grey med.	2251
sand lime shells	325	lime grey hrd	2276
sand, shale, & shells	425	lime grey brkn med	2290
lime grey	465	shale blue sft	2300
sand & lime shells	546	lime brkn grey med	2327
shale red	568	lime grey	2357
lime	575	shale blue	2376
shale & shells	606	lime grey	2389
red bed	707	shale blue	2396
shale red soft	838	lime grey brkn med	2415
lime white hrd	862	shale blue sft	2425
lime	881	lime light brkn med	2449
shale brown	948	lime brown	2455
shale red med.	1020	slate blue	2470
shale brown & lime		lime	2490
shells	1040	lime grey	2512
shale blue	1050	lime broken	2532
lime	1065	lime grey hrd	2644
broken lime	1080	shale dark sticky	2660
shale & shells	1153	shale sticky	2695
shale & shells blue	1214	lime light hrd	2792
broken lime & shale		lime grey hrd	2817
grey	1265	lime grey med	2865
sdv lime	1345	lime grey hrd	2986
salt	1523	lime grey med	3026
shale & shells	1588	lime light med.	3045
lime white hrd	1635	shale blue sft	3050
lime hrd	1665	lime grey hrd	3054
lime med. grey	1705	SLM Corr. 3054#3049	
shale blue med	1712	lime grey hrd	3070
lime grey med	1750	brkn lime med	3103
slate blue	1760	lime light med	3135
lime	1768	lime light sft	3159
lime grey	1802	lime grey hrd	3296
lime hrd	1820	shale dark med	3305
lime grey hrd	1857	lime grey brkn	3315
lime grey	1915	lime	3318
lime grey brkn med	1930	sand	3321
lime grey hrd	1950	lime	3326
shale blue sft	1960	conglomerate	3358
lime grey hrd	1990	sand HFW	3372
slate grey	1997	SLM Corr. 3372#3375	
lime hrd	2007	Total Depth	
lime grey hrd	2075		
slate grey	2082	P.B. from 3375-3179 from	
lime	2130	July 11 to 15, 1936.	
shale & lime shells	2150		
lime light med	2185	8 $\frac{1}{4}$ " Perf. 3120-3163 with	
shale blue sft	2195	40 shots by Lane-Wells gun	
lime light hrd	2201	perforator.	

Production after acid
25 oil, 150 water.

WATER RECORD

HFW 3358-68

3045
1877
-1168