

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

Pl

EMPIRE OIL & RFG. CO.
Herl No. 1.

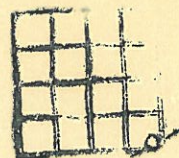
SEC. 22 T.15 R.19W
SEc SE
330'N 330'W SE Cor.

Total Depth. 3598'
Comm. 4-28-36 Comp. 8-10-36
Shot or Treated.
Contractor. R.J.Wixson
Issued. 11-7-36

County. Ellis

CASING:

20 " 56' Pulled
15 1/2" 436'
12 1/2" 1142' Pulled
10 " 2575' UR 2775' Pulled
8 1/4" 3202' UR 3350' Pulled
6 5/8" 3525' UR 3586' Pulled



Elevation. 1949

Production. DRY

Figures Indicate Bottoms of Formations.

sand	45	lime	1945	lime	3160
shale blue	145	shale	1963	sdv lime	3170
sand water	150	lime sdv	2000	lime	3175
shale blue	165	limey shale	2015	shale	3190
red rock	170	red rock	2040	lime	3214
sdv shale	190	lime	2065	hole caving	3200
rock pink	200	sdv lime	2110	red rock	3215
sdv shale	225	lime	2130	lime	3231
shale blue	235	shale	2135	SIM Corr 3231-3251	
gravel	260	lime	2160	lime	3255
red rock	270	red rock	2180	red rock	3260
sdv lime	285	lime	2235	lime	3322
shale grey	290	shale blue	2240	S.S.O. 3270	
shale blue	345	red rock	2250	sdv lime	3325
sand brown	370	lime	2265	S.O. 3322-25	
shale blue	436	shale dark	2275	lime	3350
shale	440	lime	2330	sdv lime	3360
sand	450	shale blue	2340	lime	3385
iron & shale	455	lime brkn	2370	shale blue	3390
sand	475	red rock	2385	lime	3412
shale	490	lime	2420	hole caving	
mud white	500	lime brkn	2450	shale	3415
sand	515	lime	2500	S.S.O. 3410-15	
red rock	530	lime brkn	2535	lime	3430
sand	540	lime	2540	shale	3435
brkn lime	555	lime brkn	2555	lime brkn	3450
red rock	575	shale blue	2585	lime	3460
sand red	800	hole caving		red rock	3465
red rock	855	lime	2600	lime	3470
sand red	870	shale	2625	lime brkn	3475
red rock	905	hole caving		lime	3487
sand red	915	lime	2650	shale & shells	3490
red rock	1135	lime brkn	2670	conglomerate	3515
lime	1145	red rock	2675	red rock	3523
anhydrite	1188	lime brkn	2685	sand	3525
red rock	1285	shale blue	2730	red rock	3530
brkn lime	1305	hole caving		lime	3542
red rock	1330	lime	2750	conglomerate	3586
shale blue	1375	shale blue	2770	sand	3591
red rock	1415	lime	2800	sand	3598
lime	1425	shale dark	2802	2300' wtr in hole	
shale blue	1435	lime	2825	Total Depth.	
red rock	1440	shale blue	2835		
shale blue	1500	lime	2850	WATER RECORD	
shale brown	1525	shale	2865	15 BWPH	150'
salt	1780	lime	2870	HFV	260'
shale black	1800	shale	2890	More wtr Artesian	400-15
lime	1805	lime	2925	HFV	440-50
lime shells	1850	hole caving		1 1/2 BWPH	1975-85
lime	1870	shale	2930	2 1/2 BWPH	2940-50
shale	1875	lime	2940	2 BW	3030-40
lime	1890	sdv lime	2955	3 BW	3260-70
shale & shells	1905	lime	3118	4 BWPH	3322-25
red rock	1910	Smell oil & gas	2940-45	1 BW	3410-15
		shale	3120	800' wtr	3588-91

*3586
1949
-1637*

*3523
1949
-1574*