

23-16-10W
County Ellsworth.

Total Depth. 3461.
Comm. 10-27-37 Comp. 2-5-38
Shot or Treated.
Contractor.
Issued. 2-19-38

FEB 19 1938

CASING.

15 1/2" 407'
12 1/2" 620'
10" 1756
8 1/4" 3004'
7" 3272'



Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

shale	220	shale	1815	shale	2788
HFW 220-250		lime	1825	lime	2815
sand	250	shale	1835	shale	2818
shale yellow	255	lime	1840	lime	2834
mud blue	265	shale	1855	shale	2838
red rock	285	red rock	1860	lime	2925
shale	335	lime	1875	red rock	2945
red rock	355	shale	1885	lime	2960
HFW 410-445		lime	1890	shale blue	2995
shale	550	red rock	1910	sdv lime	3005
red rock	565	lime	1915	4 BWPHR 2995-3005	
shale	575	shale	1950	shale brown	3010
red rock	585	red rock	1985	shale	3038
shale	605	4 BW 1735-45		lime	3050
red rock	617	lime	2015	shale	3055
pyrite	627	red rock	2020	lime	3062
red rock	630	lime	2040	shale	3064
lime	645	shale	2045	H.L.M. 3062 = 3048	
red rock	680	shale and shells	2060	T.K.C. 3019 ✓	
lime	720	shale green	2075	shale	3057
shale	725	lime	2100	Gas 3093- 3095	
red rock	905	shale	2105	show oil 3165 - 3170	
shale brown	920	lime	2145	lime	3275
shale	970	shale	2170	slate	3278
red rock	1015	shells	2180	lime	3285
shale	1096	shale	2205	shale	3286
Top salt 1096		lime	2210	lime	3304
HLM 1117 equals 1100		shale	2215	shale & lime shells	3315
salt	1335	shale shells	2240	lime	3317
shale	1350	red rock	2245	shale	3320
lime and shale	1380	lime	2270	lime	3336
shale	1390	shale	2280	shale	3343
lime and shale	1410	lime	2290	lime	3350
lime	1420	shale	2295	shale	3355
shale	1425	red rock	2305	red shale	3362
lime	1430	shale blk	2340	shale and lime	3372
shale	1435	shale	2360	conglomerate	3382
lime	1450	shale & L.S.	2370	lime	3395
shale	1455	lime	2380	sdv lime	3408
lime shell & shale	1485	1/2 BWPHR 2415-25		shale green	3413
red rock	1490	shale	2435	conglomerate	3442
shale	1495	lime	2445	shale green	3455
lime	1525	shale	2455	T. Arbuckle 3455 ✓	
shale brown	1545	lime	2470	dolomite	3461
lime	1580	shale and L.S.	2480	Total Depth.	
shale	1585	red rock	2485	water 3457-61	
red rock	1610	shale	2505		
lime	1625	lime	2510		
shale	1640	shale	2515		
lime	1660	lime broken	2525		
shale	1670	shale blk	2560		
lime sdv	1695	shale blue	2575		
lime	1735	lime	2615		
sand	1745	shale	2620		
lime	1765	lime	2650		
red rock	1770	shale	2660		
lime	1775	lime	2780		