

21-30-3E

MARKEY - SAGE ET AL.
Carlson No. 1.

SEC. 21 T. 30 R. 3E.
CN $\frac{1}{2}$ SW SW

Total Depth. 3029
Comm. 7-9-40 Comp. 9-16-40
Shot or Treated.
Contractor. I.W. Murfin.
Issued. 9-28-40

County Cowloy.



CASING.

15 $\frac{1}{8}$ " 195'
12 $\frac{1}{8}$ " 661'
10" 1837'
8 $\frac{1}{4}$ " 2200'
6 $\frac{5}{8}$ " 2565'
5 $\frac{3}{16}$ " 3018'

Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

soil	15	shale	850	lime	1870	
lime	20	lime	860	shale	1925	
clay	40	shale	865	broken lime	1940	
shale	65	lime shells	895	shale	2041	HFW 2039-
lime	70	shale lime shells	910	lime	2043	2150
shale	75	shale	970	shale	2051	
lime HFW 125-	80	lime	1000	shale lime shells	2056	
shale 135	125	shale	1045	lime	2058	
lime	160	lime	1050	sand	2105	
shale	170	shale	1065	sdv shale	2115	
rod rock	172	lime	1075	sand	2185	
lime	180	shale	1080	lime	2190	
shale	190	lime	1100	shale	2215	
lime	205	shale	1115	lime	2220	
shale	240	lime	1120	shale	2225	
sdv shale	250	shale	1125	lime	2235	
lime	285	lime	1160	shale	2260	
sdv lime	305	shale	1175	sdv shale	2270	
lime	320	lime	1195	sdv shale and		
shale sdv	335	shale	1205	lime shells	2320	
rod rock	340	lime	1210	shale	2378	
lime	350	shale	1220	lime	2380	
shale	355	lime	1225	shale	2385	HFW 2495-
lime 3BW 375-85	370	shale	1240	lime K.C.	2552	2505
shale	375	lime	1245	shale	2565	
lime	415	shale	1260	lime	2570	
shale	425	lime	1320	shale	2575	
rod rock	430	shale	1360	lime	2630	
lime	450	shale sdv	1385	shale	2640	
shale	460	lime	1390	lime	2645	
lime	480	shale	1400	shale	2700	
shale	485	lime	1455	lime	2720	
lime	490	shale	1460	shale	2745	
shale	520	lime	1500	lime	2750	
lime	525	lime shells	1530	lime shells	2760	
shale	535	shale	1540	lime	2805	
lime	550	lime	1555	shale	2810	
shale	555	shale	1570	lime	2815	
lime HFW 580	585	lime	1621	sdv shale	2835	
shale	590	sand	1624	shale	2865	
lime	605	lime	1640	lime	2905	
shale	620	shale	1715	sdv shale	2925	
lime	640	sdv lime	1725	shale	2950	
shale	670	shale	1740	lime	2952	
lime	710	lime HFW 1818-20	1790	shale	2980	
shale	715	shale	1815	broken sand	2990	
lime 3BW 750-	745	lime sdv	1820	shale blk	3000	HFW 3010-
shale 755	750	lime shells	1830	shale	3013	3015
lime	765	shale	1838	lime	3019	
shale	790	lime 4BW 1858-65	1859	shale green	3021	
lime 4BW 795-	805	shale	1841	sand	3026	
shale 805	815	lime	1858	lime	3029	
lime	820	shale	1865	Total Depth.		

Top of lime 2041