

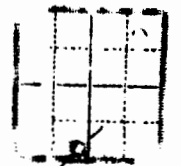
Location SE c SW

Plotted
Plotted
R.C.
4-34-3W
 Sec. 4 T.34 R.3W.

Casing Record

10" 2350 Farm- Werneke No. 1
 20" 123 8 1/4" 3250 Company- S. D. Jarvis & Nat'l Union Oil & Gas.
 15 1/2" 752 65/8" 4256 Contr.- D. D. Mickleson
 12 1/2" 1495 53/16" Comm.- 4-13-27. Comp.- 10-24-28.
 Total Depth 4686' 6" Shot Quarts Between
 Correspondence Regarding This Well Should Be Referred to

County- Sumner. Nov 8 1928



Elevation 1225

Figures Indicate Bottom of Formations.

Initial Production Dry.

Date Issued. 11/3/1928.

Formation	Depth	Formation	Depth	Formation	Depth
red clay	70	lime	2165	shale grey	4215
red rock	82	dark shale	2190	drk hrd lime	4220
lime	85	lime	2195	shale	4225
red rock	150	drk shale	2240	drk hrd lime	4230
blue slate	180	lime 4 BW 2270'	2280	shale	4240
red rock	260	lime	2325	shale	4245
blue slate	300	blue shale	2420	hrd drk lime	4247
red rock	315	lime 2 BW 2550'	2570	chatty lime	4256
blue slate	495	black shale	2580	Iron Pirates	4263
red rock	500	lime	2590	white lime	4291
blue slate	530	blue shale	2620	grey hrd lime	4310
lime salt slate	600	lime	2625	brown hrd lime	4350
blue slate	620	blue slate	2725	drk lime	4500
salt & lime	635	lime	2780	grey lime hrd	4525
blue slate	680	black shale	2795	drk lime	4555
lime	690	lime	2825	drk lime sandy	4580
blue slate	705	shale drk	2830	brown lime hrd	4597
lime	710	gray sand	2840	green shale	4598
blue slate	750	shale	2850	grey lime sft	4605
lime	770	lime	2870	dk shale shells	4630
blue slate	775	blue shale	2890	drk shale	4669
lime	830	lime gray	2935	grey lime hrd	4672
blue slate	840	shale	3015	grey lime sdy	4682
lime	875	blue shale	3110	sand HFW 4683	4685
blue slate	905	brkn lime	3155		
grey lime	930	sand	3285	Total Depth	4685'
lime	965	shale	3310		
blue slate	995	blue slate	3505		
lime	1245	gray lime 1 BW 3530	3540		
blue slate	1250	brown lime	3586		
lime	1270	gray lime	3606		
shale	1275	brown lime	3670		
lime sdy 3 BW 1310'	1325	sand brown	3690		
blue slate	1340	lime sdy	3712		
red rock	1350	black shale	3715		
lime	1360	lime drk	3720		
blue slate	1365	blue shale	3725		
lime	1500	lime drk	3750		
blue slate	1510	shale drk	3775		
lime	1515	gray lime	3790		
blue slate	1525	blue shale	3830		
lime	1540	lime grey	3845		
blue slate	1550	drk shale	3848		
lime	1575	lime brown	3890		
slate	1605	drk shale & shell	3960		
lime 4 BW 1640'	1655	lime brown	3995		
lime	1715	shale & shells	4020		
lime	1740	lime bro	4027		
sandy shale	1780	shale drk	4035		
lime	1785	lime brown	4060		
sdv blue sate	1825	shale drk & shells	4070		
lime	1855	blue shale	4130		
slate	1900	red rock	4140		
blue slate	1950	blue green shale	4158		
lime	1955	lime grey	4165		
blue slate	2035	blue shale	4175		
lime sandy	2050	lime	4180		