



29-18-16E

38388

Location (SW SE) NW

Sec. 29 T. 18 R. 16 E

Farm--W. E. Cahlin  
Company--W. H. Farmers & Novak  
Ottawa, Kansas.  
Driller--Bert Young

County--Osage

*This log obtained from Hugh I. Whitney  
3 mi. South + 1/2 mile west of  
Melvern Kan. 1137, 1.5*

1	Soil	1	38	Sandy shale	1140
4	Lime	5	5	lime	1145
5	Clay	10	10	shale blue	1155
2	Lime	12	20	dark shale	1175
13	Shale	25	50	light shale	1225
8	Lime	28	25	dark shale	1250
5	Shale	33	50	sandy shale	1300
4	Lime	37	10	dark shale	1310
13	Shale	5/60	10	blue shale	1320
10	Lime	60	35	light shale	1355
50	Shale	110	45	blue shale	1400
5	Lime	115	10	light shale	1410
15	Light shale	130	10	dark shale	1420
5	Lime	135	25	light shale	1445
40	Shale	175	2	lime	1447
10	Lime	185	18	light shale	1465
15	Black Shale	200	10	blue shale	1475
2	Lime	202	20	light shale	1495
8	Blue Shale	210	30	blue shale	1525
25	Light Shale	235	20	light shale	1545
10	Sand & Shale	245	20	dark shale	1565
155	Blue shale	400	10	blue shale	1575
25	Sand	425	10	sandy shale	1585
20	Light Shale	445	27	Blue shale	1612
5	Lime	450	12	Burgess sand (dry)	1624
80	Shale, light	530	26	hard lime	1650
120	Lime	650	12	sand	1662
10	Shale, blue	660	38	sandy lime	1700
55	Shale, light	715	125	lime	1825
35	Lime	750	4	shale	1829
5	Shale blue	755	144	lime	1973
2	Lime	757	5	white shale	1978
10	Shale, light	767	67	black shale	2045
10	lime	777	13	hard white lime	2058
8	Shale	785	5	white shale	2063
5	Red Rock	790	6	white sand	2069
5	Blue Shale-	795	11	white lime	2080
5	Red Rock-	800	1	sand	2081 T. D.
5	White shale	805			
25	Lime	830			
5	blue shale	835			
35	lime	870			
5	blue shale	875			
45	lime	920			
150	dark shale	1070			
3	lime	1073			
12	shale	1085			
10	lime	1095			
5	shale, black	1100			
2	lime	1102			

1 1/2 bailer  
at 185--water

2 bailers  
at 420

3 bailers  
at 900

cave at  
1420

*Does not check with Bureau log.*

Water