Syndicate #1 Cain
NW-SE-SE 29-19S-7W
Rice County, Kansas

	Gry shl	Red shl		
2485 - 2505			100 wh to tan fos ls no sample	
20				
30	20		75 tan & gry fos ls no sample	5 gry chert
40				
50	20		75 ✓	5 ✓
60	20		80 ✓	
70	30		35 ✓	35 wh mod c sub-rng glauc mic lite ls por friable ss
80	5		65 wh & tan fos ls	20 tan & gry chert
90			90 ✓ por	10 ✓
2600			95 ✓	5
2600 - 2610	15		85 wh, tan & gry sl Hy fos ls	
20			90 wh fos por ls	10 ✓
30	20 blk carb		80 ✓	few ✓
40	20 ✓ 15 gry		65 ✓ some coal	
50	10 ✓ 15		60 tan fos ls	15 ✓
60	30		60 ✓	10 ✓
70	25		75 wh to tan fos ls & wh chlk	few ✓
80	10		90 ✓ por	
2700	20		80 wh to tan f xln ls	
2700 - 10	25		70 ✓	5 wh chert
20	80		20 ✓	
30 50	20		80 wh tan & gry fos ls no sample	
60	20	20	60 ✓	
70	20	25	20 ✓	mod c wh mic ang por 35 friable ss no sh.
75	70		30 ✓	
85 ✓		15 ✓	10 ✓	75 ✓ & loose sd
95 ✓		30	30 ✓	40 ✓
2805 ✓	10	15 ✓	40 ✓	35 ✓
2805 - 10	N	10	50 ✓	25 ✓
15 ✓	35 ✓	25 ✓	40 ✓ & pink	
25 ✓	80		20 ✓	
50	90		10 ✓	
60	70		30 gry & brn fos ls	
70	20	50	30 wh ls no sample	
80 2900	20	45	35 ✓	
2900 - 2910	15	25	60 wh, gry & brn fos ls	
20	10	25 ✓	65 ✓	
30	15	25	60 wh & tan fos ls few oac	
40	10	25 ✓	65 ✓	
50	40		60 ✓	

2950-2960	60		40 wh & gry fos ls	
70	40		50 ✓	10 tan chert
80	10		85 tan dense ls No sample	5 ✓
90 3000	15		70 ✓	N tan occ no show
3000-3010	20		75 ✓	5 ✓
18	15		85 ✓	
28	15		85 ✓	
44	15		85 ✓	
55	20		80 ✓	
75	20		80 wh to tan ls & wh chlk	
85	25		75 wh to brn fos ls	some tan chert
95	30		70 ✓ & wh chlk	
3105	35		65 ✓ No sample	
25 3125-	35	30	60	10 wh chert
45	40		60 ✓ No sample	
55 65	65		35 ✓	
75	25		75 ✓ No sample	
85 95	25		75 ✓	some lt orange chert
3205	25	15	60 ✓	
3205-	15	10	80 wh & tan fos ls	
25	35	25	40 ✓ & red lime pebbles	
30	20	20	60 tan occ & occ ls poor porosity no show	
35	20	15	65 tan ls & some as above few pebbles	few wh, red & or chert
40	15	10	10 ✓	few 65 {wh, yel & pink chert & wh to buff tripolite w/ some good porosity
45	20	30	5 ✓	45 ✓
48				100 ✓ more por trip
55				100 ✓ ✓
60				100 ✓ ✓
65				100 ✓ some lt grn trip
70	15 Hgrn	15		70 ✓ —
75	20	60 maroon & some grn & maroon		20 ✓
79	20	70 ✓		10 ✓
3300		100 ✓		
3310	60 grnish	40 ✓		
20	75 ✓	25 ✓		
60	85 ✓	15		
80 3440	100		No sample	
3440-	90 100 H gry			

3490 - 3500	80	20 lt gry marly dolo	
10	75 ✓	25 ✓	
20	100		
30	55 ✓	45 wh to lt gry f. v. c xln platy to por ls	
45 ✓	10	90 ✓	
50		No sample	
60	10		ang to 90 clear & rnd sd grains
65 ✓	5		95 ✓
70		5 wh ls	60 ✓ lt gy chert w/ 35 spots blk chert
75			80 ✓ 20 ✓
80		5 pyr	85 ✓ 10 ✓
85 ✓	5 ✓		95 ✓
90	100 olive gn splintery shl	No sample	
95			
3600	60 ✓		40 { wh & clear med to c ang to rnd por. v. friable ss w/ blk sh laminations & loose sd grains
3600 - 3605 ✓	60 ✓		40 ✓
06	50 ✓		50 ✓
10	40 ✓		60 ✓
25 ✓	10 ✓		90 ✓
30	40 ✓	wh to tan c xln dense to some por dolo	60 ✓
35	30 ✓	30 ✓	40 ✓
38	40 ✓	35 ✓	25 ✓ few wh chert
40	40 ✓	40 ✓	20 ✓
45		No sample	
50	40 ✓	45 ✓	15 ✓
55 ✓	35 ✓	55 ✓	10 ✓
60	25 ✓	30 ✓	45 f to c ang to rnd loose sd
67	20 ✓	55 ✓	25 ✓
79	10 ✓	65 ✓	25 ✓
85 ✓	5 ✓	65 ✓	25 ✓ 10 wh chert
92		70 ✓	15 ✓ 15 ✓
97		70 ✓	10 ✓ 20 ✓
		T. D. 3699'	June 1, 1973