

151702
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310 N. Hospital Drive

Paola, Kansas 66071

(913) 294-9083

Custom
oil & gas
drilling
Lease Development

WELL LOG
Schultz -#14
Colt Energy, Inc.
API NO. 15-045-21,111
July 20-24, 1990

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
8	gravel & sand	16
49	shale	65
7	lime	72
5	shale	77
19	lime	96
7	shale	103
6	lime	109
8	shale	117
20	lime	137
19	shale	156
29	lime	185
58	shale	243
6	lime	249
4	shale	253
19	lime	272
17	shale	289
7	lime	296
31	shale	327
7	lime	334
2	shale	336
2	lime	338
7	shale	345
27	lime	372
8	shale	380
23	lime	403
4	shale	407
14	lime	421
140	shale	561
2	lime	563
5	sand	568
13	shale	581

Base of the K.C.

Light brown, clean, ga

NOV 2 1990

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Con't. - Schultz-#14

5	lime	586	
4	shale	590	
2	lime	592	
3	shale	595	
1	lime	596	
2	coal	598	
5	shale	603	
7	lime	610	
4	sand	614	Light grey, no show
11	shale	625	
3	lime	628	
5	shale	633	
8	lime	642	
4	shale	646	
4	lime	650	
7	shale	657	
3	lime	660	
6	shale	666	
2	lime	668	
1	shale	669	
3	lime	672	
10	shale	682	Green, limey from 672-677
29	sand & shale	711	Light brown gas sand & green sandy shale
5	sand & shale	716	Brown, very slight oil show
20.4	shale	736.4	Grey shale with few very thin blebbing sand laminations
6.4	sand	742.8	Oil saturated, blebbing well
.3	lime	743.1	
5.5	sand	748.6	Oil saturated
5.8	sand & shale	754.4	Thin sections, dark shale & brown blebbing sand
.3	sand	754.7	Bleeding well
9.3	sand & shale	764	Grey shale & thin bleeding sand sections
10	shale	774	
1	coal	775	
35	shale	810	TD

Set 40.0' of 7" surface casing.
 Set 798.10' of 4 1/2" casing, including
 1 scratcher joint with 8 scratchers, 3
 centralizers, 1 floatshoe and 1 new clamp.

NOV 2 1990