

COPY



310 N. Hospital Drive

Paola, Kansas 66071

Custom
oil & gas
drilling
Lease Development

(913) 294-9083

SW SENE

WELL LOG
Hagerman #2
Colt Energy, Inc.
API #15-045-21,158
March 2-3, 1992

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
14	soil & clay	14
4	gravel & sand	18
47	shale	65
4	lime	69
13	sand	82
4	shale	86
17	lime	103
8	shale	111
7	lime	118
7	shale	125
19	lime	144
38	shale	182
15	lime	197
6	sand	203
47	shale	250
7	lime	257
9	shale	266
8	lime	284
13	shale	297
12	lime	309
26	shale	335
9	lime	344
3	shale	347
2	lime	349
8	shale	357
28	lime	385
8	shale	393
24	lime	417
3	shale	420
14	lime	434-Base of the Kansas City
5	shale	439
9	silty sand	448
131	shale	579
6	sand	585
11	shale	596
6	lime	602
3	shale	605
6	lime	611
7	shale	618

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WICHITA, KS

Hagerman #2

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JUN 5 1992

CONSERVATION DIVISION
WICHITA, KS

9	lime	627
14	shale	641
3	lime	644
5	shale	649
16	lime	665-water
12	shale	677
1	lime	678
12	shale	690-with lime seams
3	lime	693
5	shale	698
1	sand	699-bleeding, with green shale
1.6	sand & shale	700.6-50% bleeding sand & green shale
.8	lime	701.4-fractured, vertical
2.2	sand	703.6-good bleeding & saturation
.9	sand	704.5-with thin shale seams, bleed- ing well
.5	sand & shale	705-30% bleeding sand & 70% green shale
4.2	sand	709.2-good bleeding and saturation
.3	shale	709.5
1.2	sand	710.7-good bleeding and saturation
.5	shale	711.2-few bleeding sections
.4	sand	711.6-good bleeding and saturation
.2	shale	711.8
1.6	sand	713.4-good bleeding and saturation
.6	sand & shale	714-40% bleeding sand, 60% sandy shale
5	sand	719-good bleeding and saturation
.3	shale	719.3-green
.7	sand & shale	720-50% bleeding sand, 50% shale
3	sand	723-good bleeding and saturation
4	sand	727-clean, but only fair bleeding
10.7	sand	737.3-light brown, very light or no bleeding
1.7	sand & shale	739-20% brown fair bleeding sand, 80% grey shale
3	sand & shale	742-drilled, 20% brown sand, 80% shale
2	sand & shale	744-70% brown sand, 30% shale, drilled
.5	sand & shale	744.5
2.6	sand	747.1-light brown, no bleeding
.1	shale	747.7-dark
.4	lime	747.6
.4	shale	748-dark
.6	lime	748.6
6	shale	754.6-dark
.8	lime	755.4-with shale & sea shells
2.6	shale	758-dark with shells
.3	lime	758.3-with shells
1.7	shale	760-dark
10.4	shale	770.4
2.1	sand	772.5-black, no bleeding, gas bubbles
1.5	sand	774-grey, gas bubbles
.8	sand & shale	774.8-grey sand, grey shale
.9	shale	775.7
2.3	sand	778-grey with thin black shale laminations
16	shale	794