

SINCLAIR NO 1 YOUNG in sec. 34, T. 27 S., R. 21 W. FORD COUNTY

Samples borrowed from Stanolind Box 668.
Fair samples except when coring

4810 to 4815 Pennsylv. Ls. 40 % Chert 10 % Black sh. 30 %

4890 Similar materials to here

TOP OF MISS. SPERGEN @ 4890 - 2560

4900 First appearance of Ls. It is flaky, white

35 The Ls. now is grainy with brown spots on white. M. XL.

40 Ls. is pseudo - oolitic or lumpy

65 Same

TOP WARSAW @ 4965

70 Dolomite. It is F. XL Pale Tan, Porous, with vertical tubes

5000 Same slightly glauconitic

30 Dol. now is greenish tan

40 Limy zone. Ls. c. XL. brown & white, glauconitic

85 Same to here

5100 Dolomite. 40 % Ls. 40 % with spiny or bluish chert 20 %

70 Dol. & Ls. alternating to here without chert as above

TOP KEOKUK @ 5170

75 New chert. It is tripoli or wh. opq. 60 % with Ls. & dol each about 10 %

5200 Same with addition of bluish chert

45 Dolomite, glistening white 50 % chert 50 %

TOP ST. JOE @ 5245

50 Limestone - flaky, white, glistening, dolomitic

5300 Same

10 Same

20 Ls. now C. XL. Brown & white. Looks like Viola C. XL

50 Same to here

65 Shale ? or cavings ?

70 Ls. now is dirty brownish grey. Argill. & crinoidal

5400 Same to here

TOP MISENER @ 5400

05 Ss. trace. Fine grained, impure, clusters

TOP VIOLA @ 5405 - 3075

09 Tripoli 50 % Dol. 50 % It is F. XL., Tan, rhombohedral

60 Same

CIRC

60 Trace of smoky grey chert with speckled dol.

5500 Dol. now is speckled light grey or lower down dark grey

The chert is typical smoky grey. 60 % chert 40 Dol

07 Same

TOP C. XL. VIOLA @ 5507

CIRC

07 Ls. comes in. It is typical C. XL. Viola except that it is very dark and impure. Mostly brown

45 Same getting cleaner downward But base is sandy.

SIMPSON SH & SS @ 5545

50 Trace of green shale and impure Ss.

70 small traces of dark green shale, smooth, flat pieces

80 " " " brownish green shale

5600 Shale and impure Ss.

10 Ss now pure white, large or med grains, rounded, in clusters

29 Same

TOP OF ARBUCKLE @ 5629 (from cores) - 3299

30 Strong influx of dol. in sample. It is F. XL., brown

vuggy, porous

40 Same dol. OOCASTIC

50 Last sample see additional Notes

5930 TOTAL DEPTH

Cores taken @ 4893 to 4900; 5409 to 5460; 5480 to 5550
Did not see cores.

Note: The difference is considerably different from

Sp. 75
W. 205
1 75
St. 155
M 5
515
1140
S 84

5630 to 5635 Dol. f. xl. Brown
 45 Same
 50 Dol. oocastic Very small holes
 65 Dol. f. xl. Brown
 80 Dol. m xl. Brn with white matrix
 85 Same with 1 pc oolitic chert
 95 Dol. m. xl. Some is oocastic
 5710 Dol. m.xl. white
 20 Same with strong silica paste
 60 Regular m xl. white
 65 with strong silica paste
 70 Brown f. xl.
 85 Same
 5800 Dol. m xl. white
 10 " f. xl. brown
 30 Considerable fine granular white Dol. Slighty sandy
 Also dull white chert 5 %
 40 Dol. with tr OOLITIC CHERT which has large brown balls
 65 All kinds of Dol.
 90 Much f granular white Dol. with dull chert 10 %
 5915 Various textures
 20 Tr. v. "1 xl. brown glauconitic Dol. Has sand grains
 imbedded
 22 Last sample Same
 30 Tptal Depth.

Parm. 620
 Miss 515
 V 140
 S 84
 A

Top Lansing 4270 = - 1940
 Spungen 4890 = - 2560

5545-55 full Rec Cell Area Sh.
 5560-70 Bright green Sh + included So green
 70-80 Gr Sh + Ls. streaks Gray Sandy dol. dk green sandy Sh.
 80-90 Same
 90-5600 dk gray sandy dol incl. Sand + streaks of Sand
 60-10 Dark brown sh scattered Sand incl
 10-20 light green Sh
 20-30 4' rec. Coarse Round Sand + Gray dol below
 30-40 Jm 10b 29 Wh + Buff FXl. dol drilled ref
 40-50 Buff dol.
 to 60' 40-45 Also concentric dol
 55-60 concentric

55-65 3' rec
 65-75 white buff xl dol

Circ Record In Simpson

Sinclair Young

34-27-21