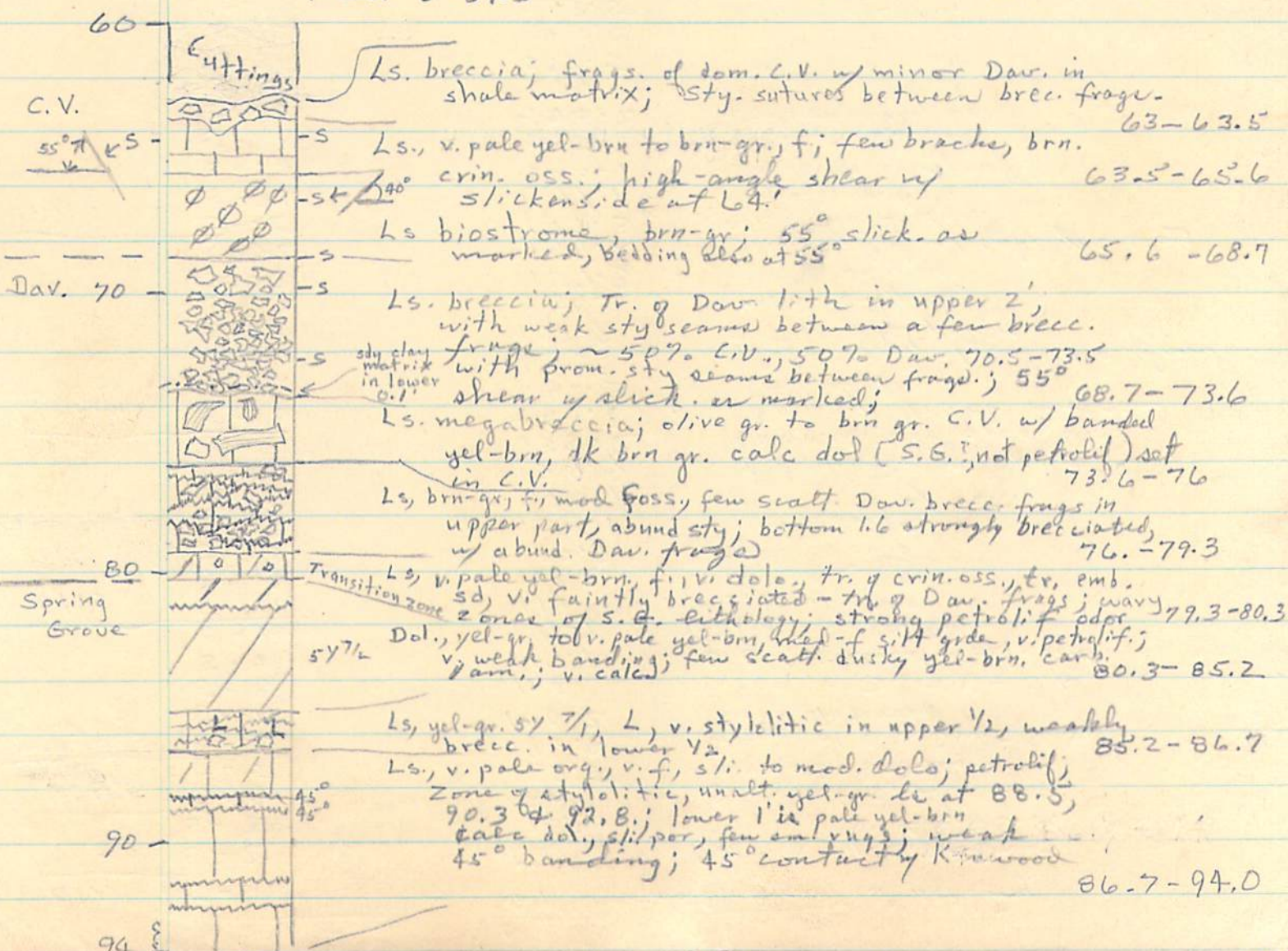


Cored 63' -

Box #	Interval	Box #	Interval
1	63-72.4	19	254.3-264
2	72.4-82	20	-273.3
3	82-91.8	21	-283
4	91.8-101.2	22	283-293.9 Gap
5	101.2-110.9	23	-303.6
6	110.9-119.3	24	-313
7	119.3-129.4	25	-322.6
8	129.4-139.2	26	-332
9	139.2-149	27	-341.5
10	149-158.4	28	-351.3
11	158.4-169.2	29	-360.9
12	169.2-196.8; cuttings, 173-191	30	-370.5
13	196.8-206.3	31	370.5-380.2
14	206.3-216	32	380.2-389.8
15	-225.6	33	389.8-399.6
16	-235.3	34	-409.2
17	-245	35	-418.9
18	-254.3	36	-428.4
	Pleist. 0-39.3	37	428.4-433



#5 contd.

94  
Kenwood

Ls. breccia of rounded s.g. frags in sdy. sh. matrix; 94.0-94.3

Ls., yel-gr (57 8/1), v.f., arg., sh. dolo, v. sdy (qtz & ch. grains); 94.3-94.6

Ls., pale yel-brn, contorted, foss. (all C.V. except for block of sdy Ken. at base 94.6-95.5

Ls., v. pale yel-brn, f., weak sty. banding; all s.g. except for squeezed in zone of sdy Ken in top 0.3; 95.5-96.5

100

Ls. breccia w/ blocks & wisps of s.g., sub-ang to ang. frags of Dav. & foss. C.V. in sdy; arg. matrix; v. shaley & sdy matrix in lower 0.3; mixed mega. & micro-brecc. 96.5-98.2

Sh. olive gr, mixed, banded & swirled w/ intraclasts of yel-gr, f, arg., calc. dol (~45° angle); sdy zone near middle; dom. uniform olive gr sh in lower 0.7; 98.2-99.8

Ls., pale yel-brn. & olive gr, mott, fess, all C.V.; 45° slick at base 99.8-101.2

Macro brecc. of Dav, C.V. & s.g. in shaly, variably sdy matrix. 101.2-102.5

Ls. as in 99.8-101.2, w/ 55° slick at base. 102.5-104.4

110

Mega & micro brecc., mixed, w/ frags of Dav, C.V. & s.g.; bottom 1.4' is solid block of pale yel-brn. petrolif. dol. w/ much calcite in opt. cont. & prob. is s.g. (bedding is at ~60° w/ slick. at base 104.4-108.9'

horizontal bedding

Sh. lt. gr. & v. lt. olive gr, mott; rounded clasts in upper 1'; dom. med. lt. gr. sh below 112'; sdy 115-115.5;

→ arg., sdy, calc dol 116.7-117.2; bottom 0.1' is v. sdy sh 108.9-117.3

117.3  
Otis

Ls., pale yel-brn w/ yel-gr. mott zone, L-v.f.; dessic. frags & irreg voids filled w/ sparry calcite;

dissolution voids filled w/ Ken non-sdy sh; scatt. Emanuella w/ good geopet, occas. gact, few oct; irreg sty.; 117.3-120.6

120

pelletal zone in lower 1' 117.3-120.6

Ls., v. pale yel-brn, sh-v.f, dom. pelsporite; closely spaced hor. sty in upper 2.5'; occas. sty in middle portion;

abund dk yel-brn carbona. partings 133.3-136.6; lower 0.5' sh. dolo. 120.6-137.8

130

Dol., dk, yel-brn, med. calc.; transition zone; carbona. parting at base 137.8-138.5

Coggon  
140

Dol., v. pale yel-brn, med, sacc.; sh. por in upper 4'; v. por. & sm vugs 144-151.6; few splatches of calcite; abund. Emanuella molds

vert. frac. 145.6-150.4 138.5-151.9

Mod. Petrolif odor thruout

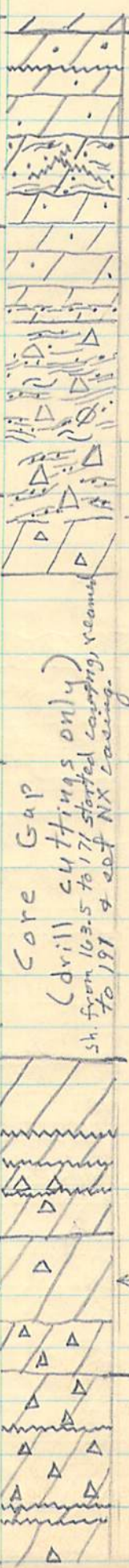
150

152

157.9

#5 cont'd

152  
Bertram  
160  
Sil.  
170  
S.I.  
180  
Core Gap  
190  
200  
210



Dol. pale yel-brn, v. f. - S.L.; carbona. lam in upper 1/3; 151.7-152.5

152.5 vert. ice xtal pattern @ 152.9  
Dol. yel-gr to lt. gr, f med, scatt. emb. sd. mott. w/ yel-gr. v. arg. dol. 0.02 band of med. gr. sh. at top; 152.5-156.5

Dol. olive gr, coarse, v. sdy, mixed & mott w/ med. gr. sdy clay; more clayey in top 0.3 & bottom 0.2; irreg. sty; 156.5-158.6

Dol. yel-gr, f, few scatt. sd. grains, traces of mixed lt. grn. clay; Dol. of v. sdy clay 163.0 to 163.01; 158.6-163.5

Grn-gr. v. sdy sh. mixed w/ Sil. chert rubble (silicified) Bertram, Favosites; 163.5-~171  
cht nod. w/ unalt. dol. contact at 169 (no solution, no abrasion)

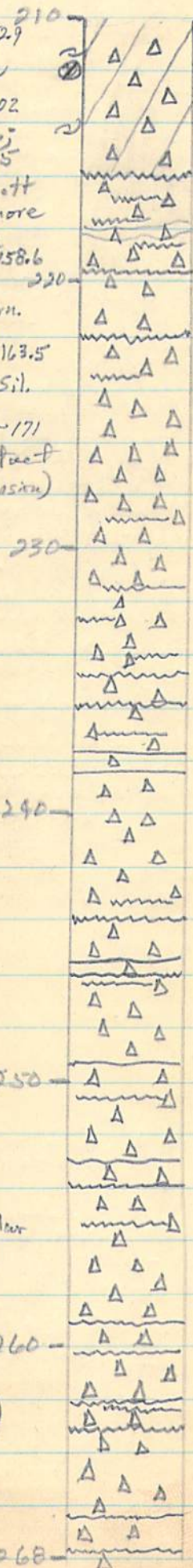
Dol. yel-gr (5/7.5/1), f, v. sli. por, scatt. wh chert nodules

Core Gap  
(drill cuttings only)  
sh. from 163.5 to 171 started logging, reams to 191 & end of NX casing

Dol. lt. gr + v. pale org, mod. por, mott, f-v. f. packed w/ v. sm. & lg. "telescoped" brachs, and v. abund sm. crin. columnar molds; all v. pale org below 197, w/ only scatt. brachs; chert is yel-gr, sub trip, irreg nodular 191-202.8

← high-angle frac.

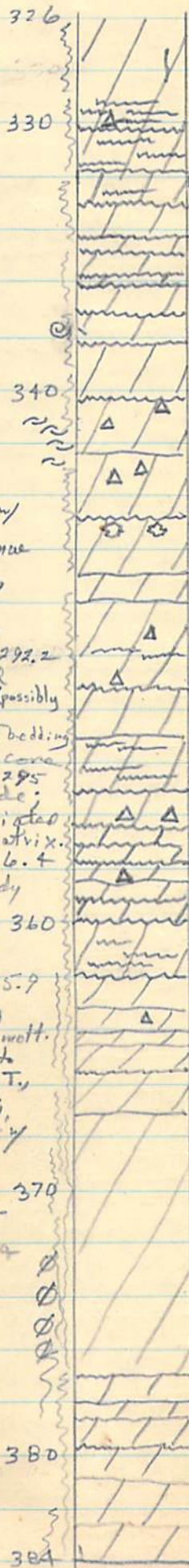
Dol. med. blu-gr, v. f, sli. por; nod. chert (blu-gr w/ wh rims) 202.8-216



Dol. v. pale org, f, w/ v. abund wh to yel gr. S. & T nod chert. (chert is at 0.1 to 0.3' intervals), dol. has only scatt, v. sli. por zones; massive dol w/ scatt. sty seams; breaks in core are at chert-dol contact except where very strong sty are present and except for the few planar bedding breaks shown in graphic column; lower 0.5' is med lt. gr dol w/ dissem. pyrite; 216-225.2  
No water from this interval

210  
220  
230  
240  
250  
260  
268

#5 contd.



285.2  
Sh, med. dk gr, sli. mica, intercalated w/ lt. gr. arg. mica, s/s w/ carbonaceous flecks, grading to v. silty med. gr. sh. laminae sub-horizontal to high-angle  
285.2-287.7

Dol., lt. blu-gr, med. v. por  
287.7-289.2

Dol., yel-gr, v. f., high-angle frac healed w/ Mn. 289.2-292.2  
SS, v. f. clayey, silty, w/ small block (chert? or dol. (possibly a breccia block) 292.2-

Dol., yel-gr, v. f.; mega breccia? bedding at a 45° Penn. partings bet. cone segs, high-angle shear at 295 w/ Penn. arg. v. f. SS on one side. basal 0.1' finely brecciated w/ Penn. shaly SS as matrix.  
292.2-296.4

Dol., yel-gr, f, v. tight; edgy med. gr. ch partings on bedding planes, lower 360 0.5' is lt. grn-gr ch w/ sdy zones  
296.4-305.9

Dol., v. pale yel-brn, weakly mott. to v. pale org w/ med. H. gr, f. med, sli. to med. por.; scatt. wk, T, nod. chert as on graphic.; broken zones in upper 4 y H. grn-gr + brn-gr sh. scatt. bugs, calcite-lined vugs @ 323; incip. vert frac. 327-328.3  
305.9-384

brachs w/ vert. calcite

sampled for oysters

35°

# 5 contd.

384

Dol, yel-gr. to v. pale yel-brn,  
f-med, por zones;  
scatt. incipient grn-gr sh  
partings; few open vugs  
384-393

390

Dol, v. pale yel-brn, m-f,  
v. por. zones; scatt.  
bedded cht (gr-wh, Tupper  
& lower rind, <sup>of</sup> internal);  
minor nod. cht.; zones  
abund. wavy grn-gr. incip.  
sh partings  
393-420.6

400

410

420

Edge. or Mag.  
grada. ↑  
↓  
Mag.?

420.6  
0.1' gr-grn ch → dol. gr-grn,  
v. arg. visity, weakly mott. y  
gr-grn clay.  
Variable <sup>dol</sup> sh-dol sequence,  
visi<sup>ty</sup>, blk sh. grains

430

433 TD