Pg 1 of 6

Pleasants Co

MEASURED SECTION NO. 73-594
LOCALITY Floyd Wagner #13
SETTING Bond Creek Oil Field

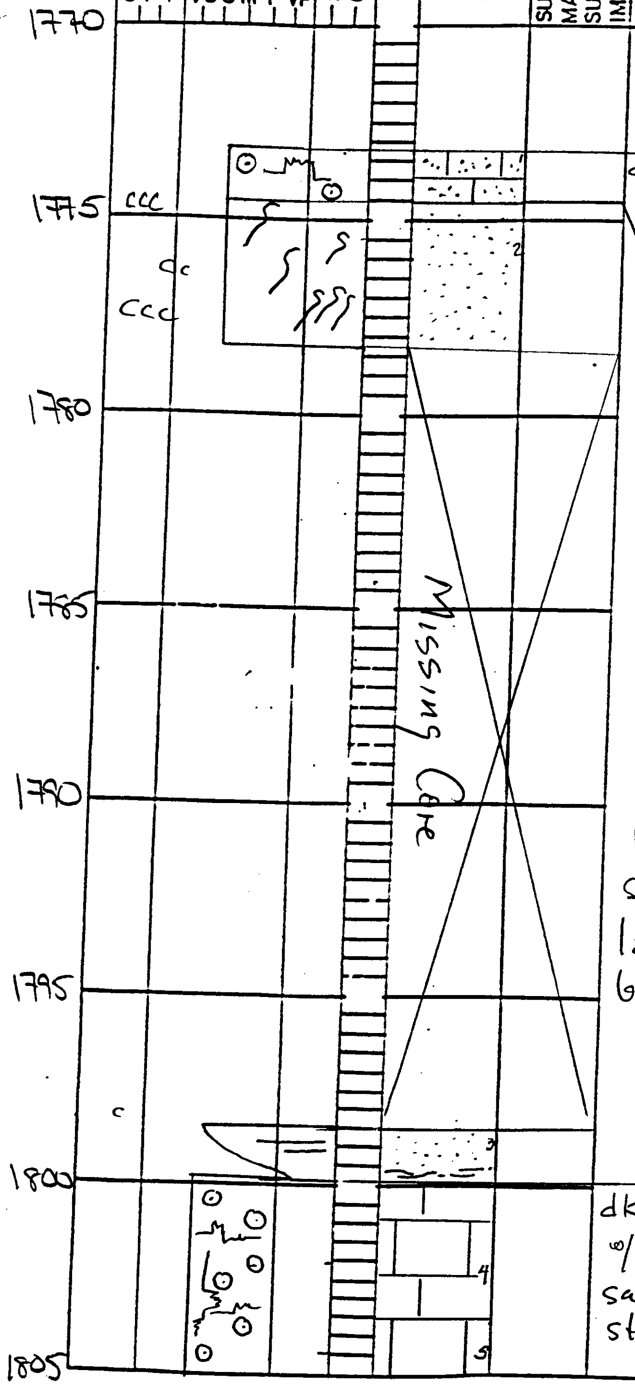
DATE 7/7/92
STRATIGRAPHIC UNIT Keener, Big Lime, Big Injun
MEASURED BY RM & AV

Note: This core has NOT Been Slabbed

47 boxes
poorly marked core
many missing segments

SEDIMENTARY TEXTURES & STRUCTURES | INTERVAL | ROCK TYPE, CONTACTS & ACCESSORIES | TEXTURAL MATURITY | DESCRIPTIONS

GRAV 64 4 | SAND VC C M F VF | SILT | CLAY | SUP MAT SUB IM



dk grey, ooid packstone-grainstone - ooids cored w/ qtz sand grains & calcareous fossil fragments - lots of calcite spar - horizontal stylolites

Contact based on USBM pick

white, well sorted, medium-coarse qtz sandstone - mottling observed on core splits is burrow mottling - increased clay content at ~1777' shows intense bioturbation w/ Chondrites, planolites, Diplocraterion & assorted vertical, horizontal, & oblique burrows preserved - strong calcite cement at top - at base grades downward to micaceous siltstone & grey shale - horizontal laminae indicate minor bioturbation if any

dk. grey, ooid packstone-grainstone - w/ coated fossil fragments & fine qtz sand cores - horizontal & vertical stylolite

Contact based on USBM pick

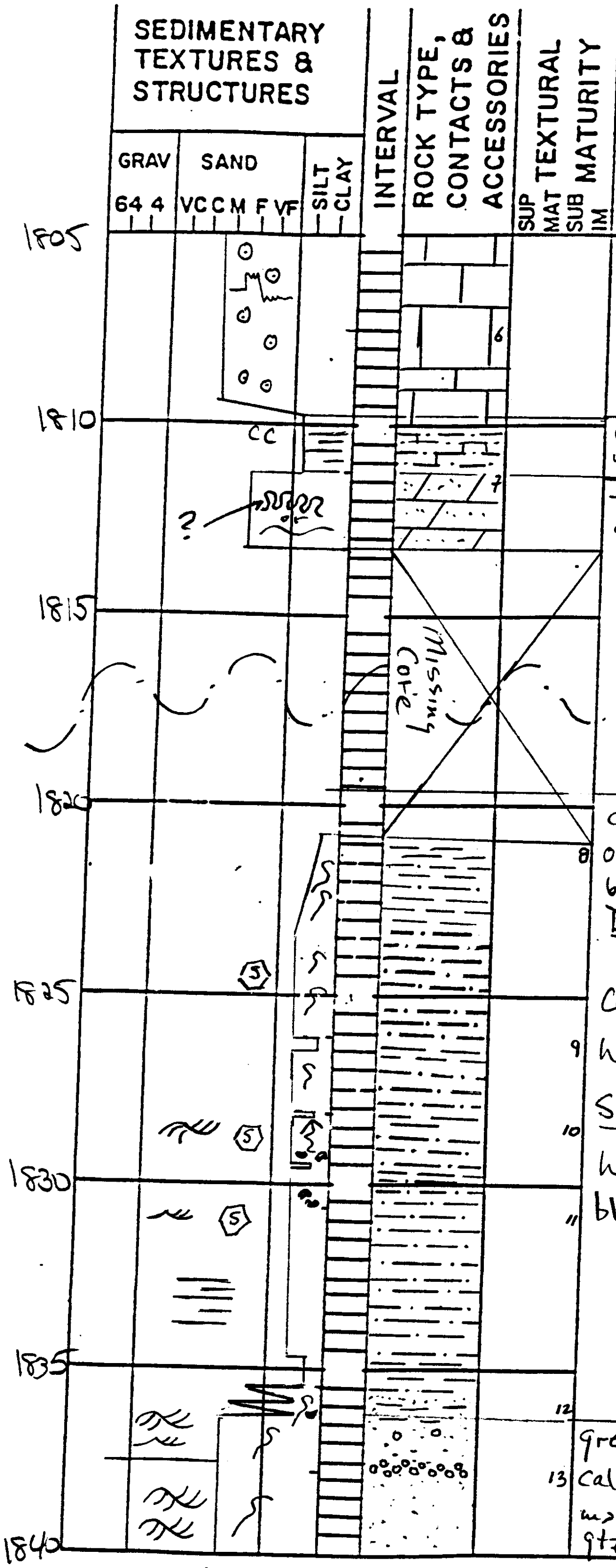
⊙ - ooids
bioturbation
mud clasts
stylolites
horizontal bedding
c-ccc - calcite cement

of 6 Pleasants Co

MEASURED SECTION NO. 73-594 DATE 7/7/92

LOCALITY Floyd Wagner #13 STRATIGRAPHIC UNIT Keener, Big Lime & Big Injun

SETTING Bond Ck Oil Field MEASURED BY RM & AV



DESCRIPTIONS

dk grey, ooid packstone

gradational contact

calcareous, dk grey, micaceous siltstone w/ discontinuous, horizontal lamina

tan, sandy, dolomicrite - some indications of wavy → crenulated lamination

dk grey green, micaceous shale w/ occasional silty lenses cut by vertical burrows - large (→ .5cm) Skolithos or Diplocraterion filled w/ medium qtz sand interbedded w/ dk grey green, micaceous qtz siltstone w/ ripple xbeds & hummocky bedding - sand filled Skolithos or Diplocraterion & indistinct horizontal & oblique burrows - siderite blebs → 1mm diameter common in siltstone

Contact based on USBM pick

interfingering contact

grey, micaceous, medium-fine qtz ss w/ sporadic calcite cement & ripple & hummocky xbeds marked dk grey shale laminae: isolated qtz pebbles & pebble layers at top

Contact based on USBM pick

ʘ - ooids

c - ccc - calcite cement

stylolite

crenulated lamina

burrows

escape structure

unconformity (speculative)

wavy bedding

siderite

shale clasts

ripple xbeds

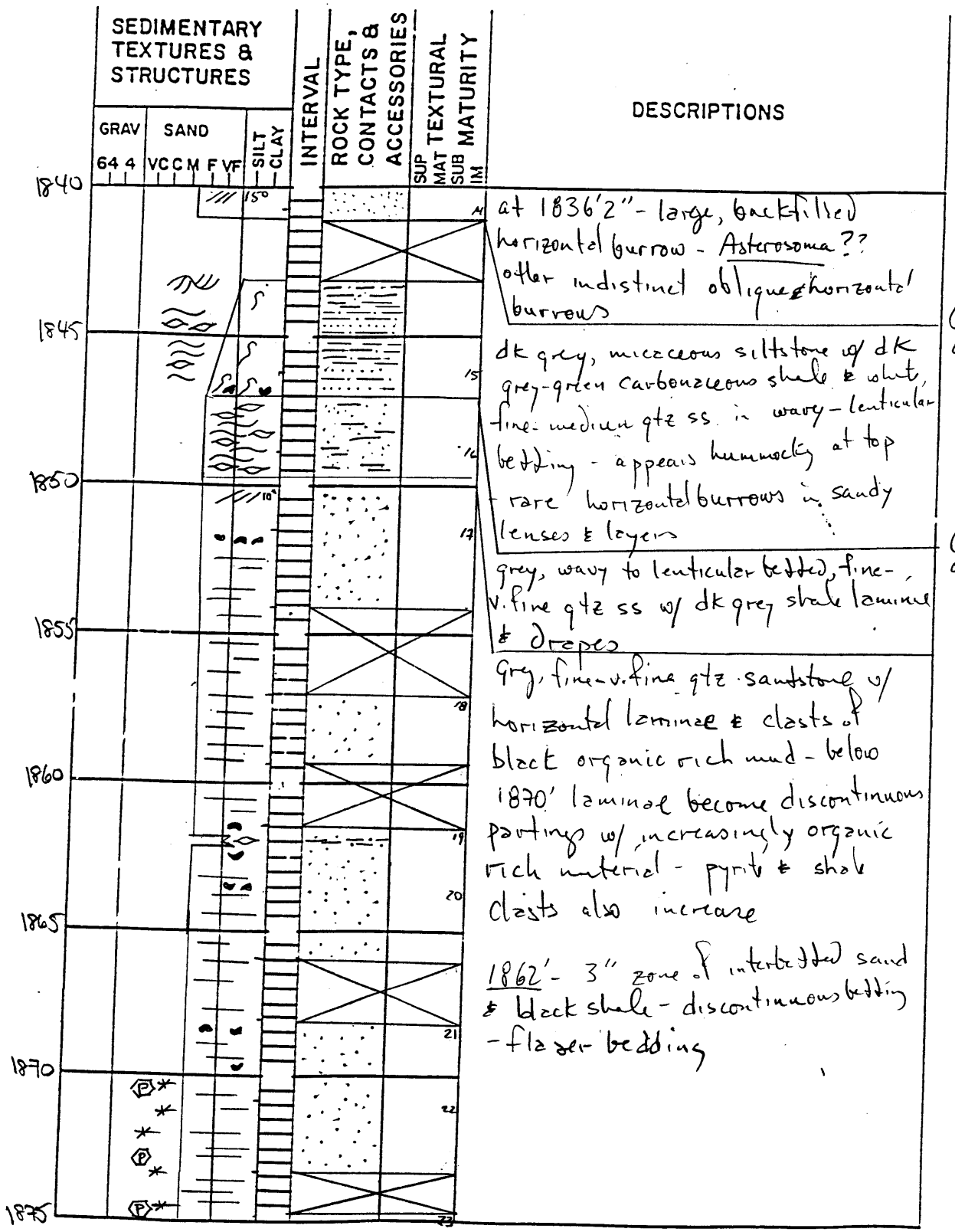
hummocky xbeds

Pleasants Co

MEASURED SECTION NO. 73-594 DATE 7/7/92

LOCALITY Floyd Wagner #13 STRATIGRAPHIC UNIT Keener, Big Lime & Big Injun

SETTING Bond Ck Oil Field MEASURED BY BM & AV



(S) - Siderite

horizontal laminae

(P) - pyrite

burrows

mud clasts

C - CCC - Calcite cement

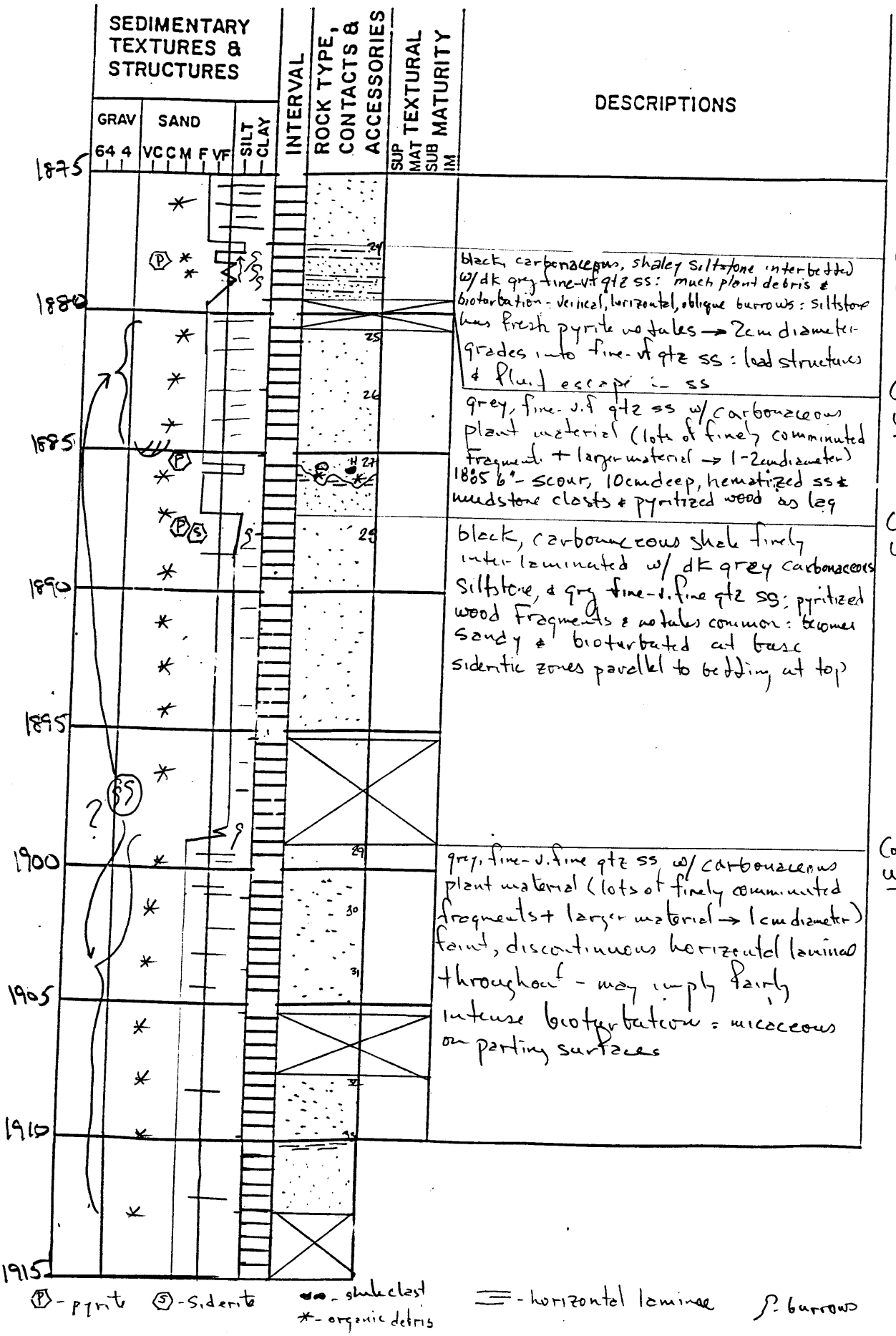
* - plant debris

hummocky bedding

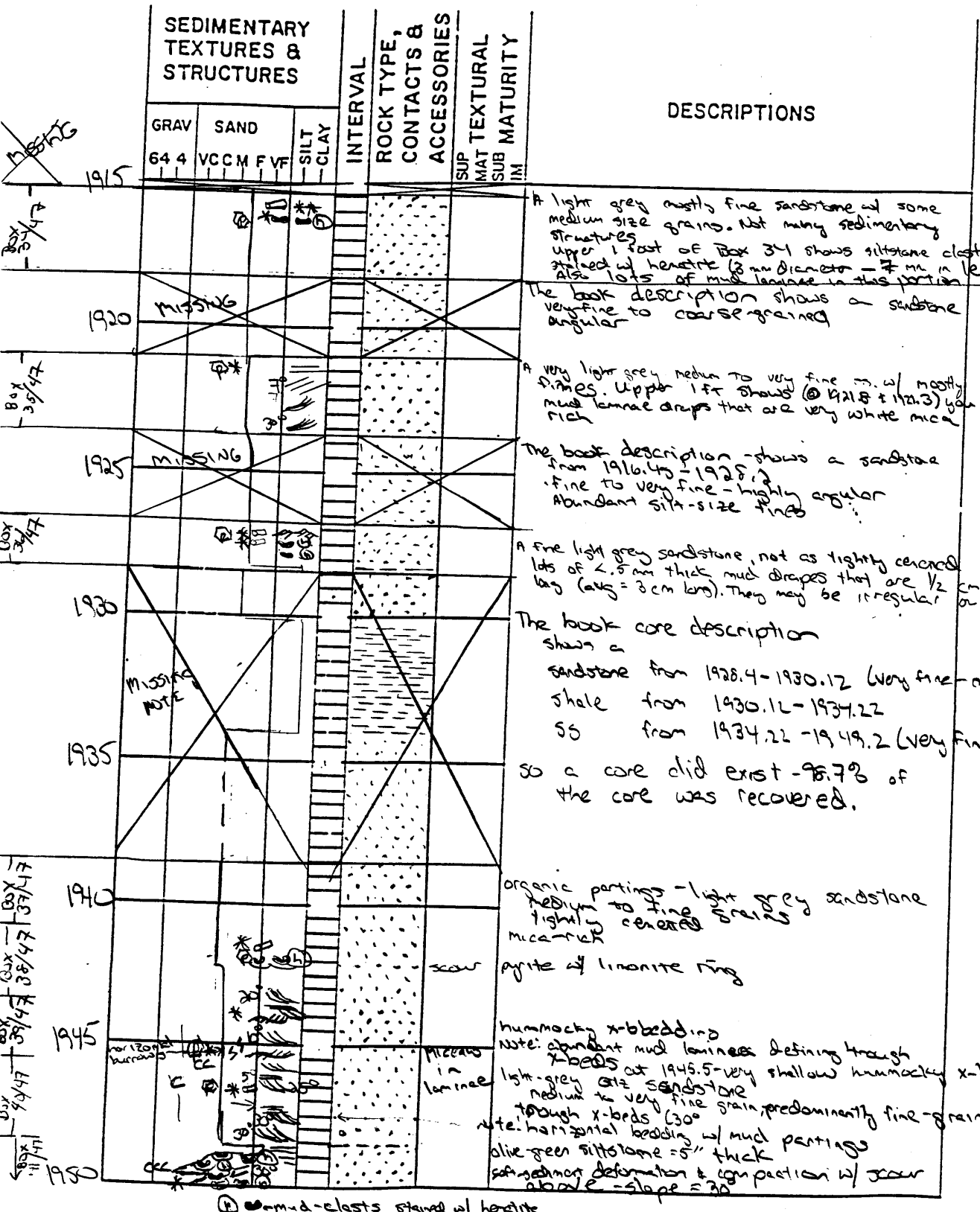
wavy bedding

lenticular bedding

Pleasants Co
MEASURED SECTION NO. 73-594 DATE 7/7/92
LOCALITY Floyd Wasser #13 STRATIGRAPHIC UNIT Big Lime & Big Injun
SETTING Ind Ck Field MEASURED BY BM & AV



MEASURED SECTION NO. 73-594 DATE 7/7/92
LOCALITY Floyd Wesner #13 STRATIGRAPHIC UNIT Big Lime & Big Injun
SETTING Boone Ck Field MEASURED BY BM & AV



(A) ● - mud-clasts stained w/ hematite
(B) ● - scour - w/ mud clasts
SE - slump (soft-sediment deformation & compaction
~ - trough x-bedding w/ degree of tangent
≈ - hummocky x-bedding
≈ - ripple scale x-bedding
Ø - plant parts

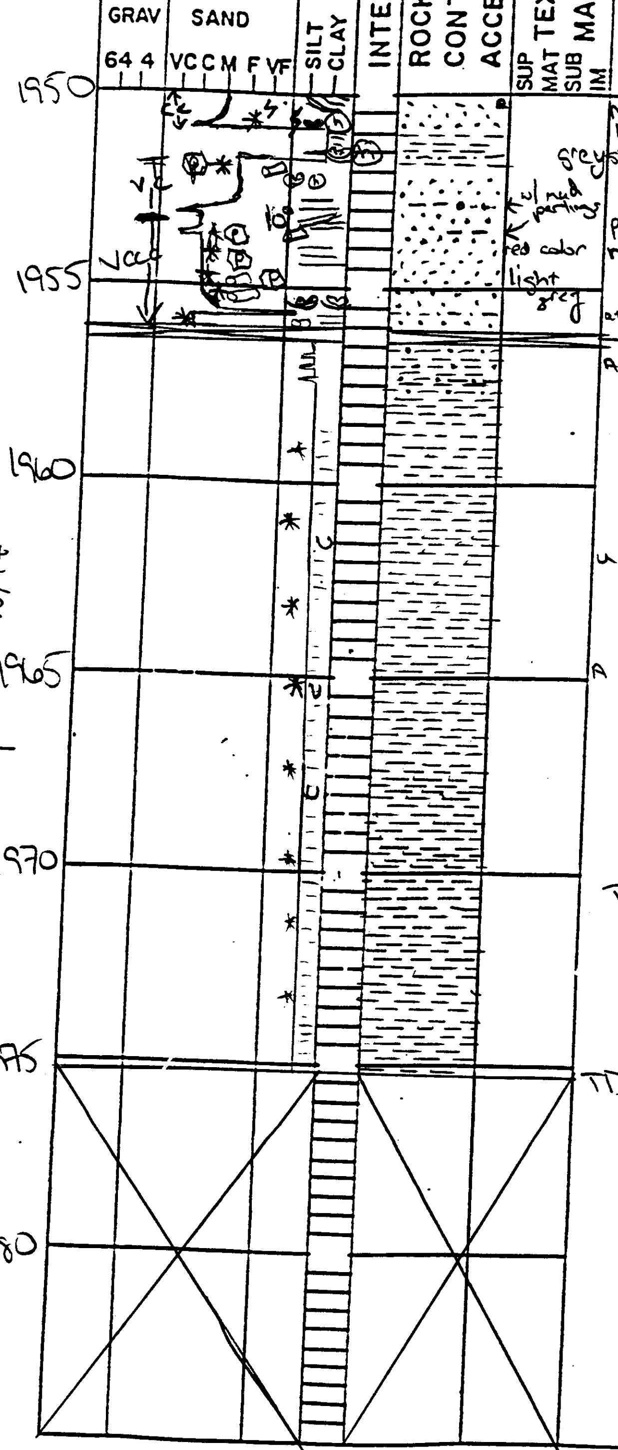
Pg 6 of 6

Note: I take averages of the boxes then fit within the core description

MEASURED SECTION NO. 73-594
LOCALITY Floyd Wagner #13
SETTING Band Ck Field

DATE 7/7/92
STRATIGRAPHIC UNIT Big Injun & Big Lime
MEASURED BY RM & AV

SEDIMENTARY TEXTURES & STRUCTURES | INTERVAL | ROCK TYPE, CONTACTS & ACCESSORIES | TEXTURAL MATURITY | DESCRIPTIONS



A medium grained well-cemented light grey QTZ sandstone w/ angular fragments
moderately cemented w/ calcite
micaceous

grey shale at 1950.9 - 1951.7 (taken from book - pieces do not match)

planar x-bedding w/ mud laminae
must be cemented w/ calcite - I've never seen a sandstone react so much

at ≈ 1955.5 = siltstone 1" thick w/ scour cutting into it
Bottom of sand at 1956.1 (taken from article)

Alternating grey siltstone & shale w/ streaks of rust red color

u-tube 1½' apart - rimmed by siderite
tube is 3/10 of inch diameter

A dark grey shale w/ streaks of rust red micas - It may be silty
Note: The streaks of rust red may be hematite
No calcite (HCl) reaction
w/ occasional pieces and layers rich w/ organics (wood fragments) occurring throughout shale interval
Dwelling u-tubes also occur in shale

TD in book 1975.2

Note: pieces do NOT match what is written on boxes, but what is written on boxes matches book

Note: It is approx. 2' off core pieces + 2' = what is written in book

Note: SS intraclasts are red! hematite stained

Box 41/47

Box 42/47

Box 43/47

Note: 5.1' of core is in a box 44/47

Note: 5.6' of core in a box 45/47

Note: 8 ft of core in a 3 ft book Box 46 of 47

U - u-shape dwelling borrows
* - organics
⊖ - wood fragments
⊙ - pyrite
ϟ - burrow

= - trough bedding
siltstone - clasts
scour w/ mud - clasts or SS intraclasts (some are angular)
sandstone clasts stained w/ hematite

vc - very weak calcite
c - weak
cc - moderate
ccc - strong
vccc - very strong