

Operator PM 21

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Lease _____

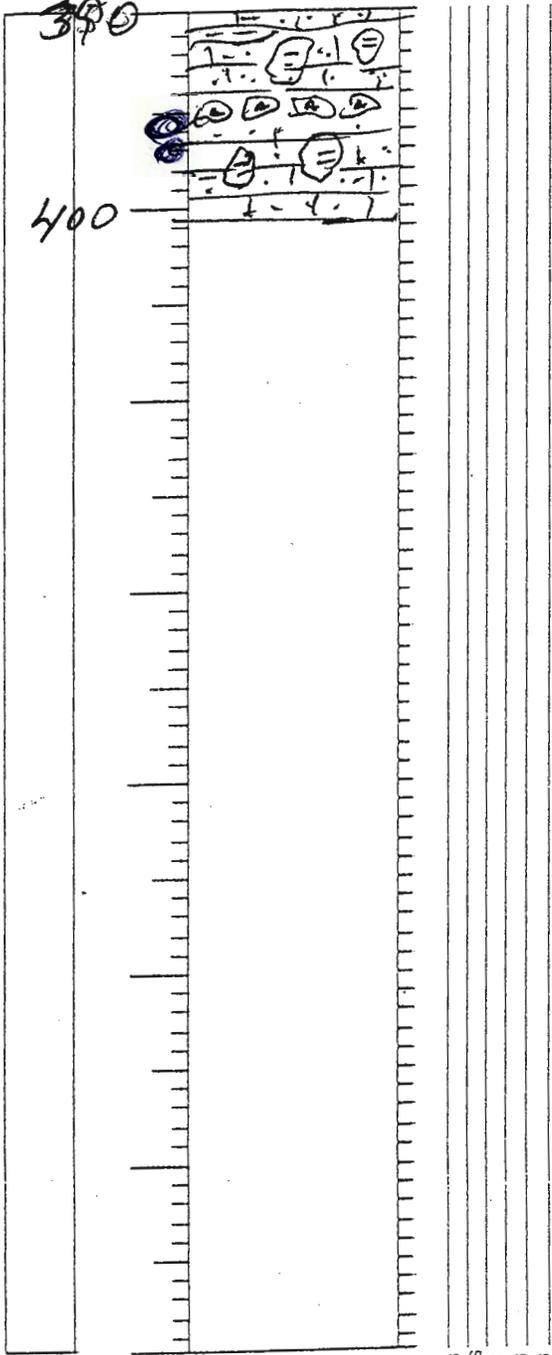
depths _____

Location Sec 13 - 32S - 22E
Charlotte County, MS

42 0-2

comments

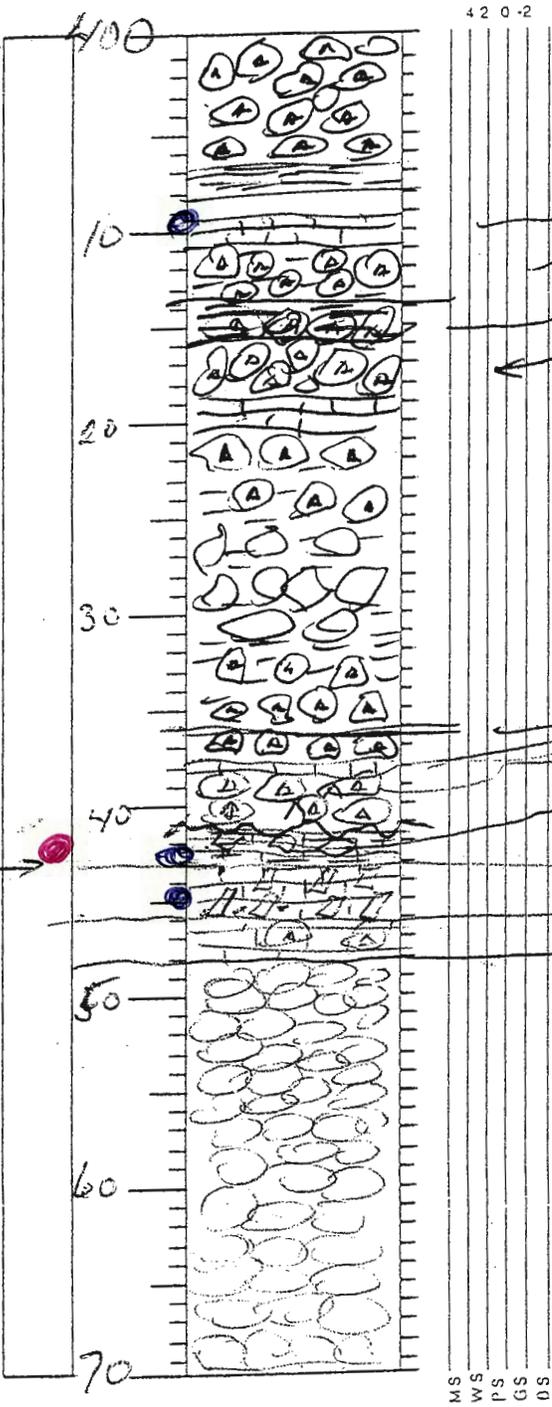
oil str. calcisaltic - m. grain prems
dead oil impregnated diaporite
shale in fm = void filling w/ stereonidite
(pren-gr.)



MS
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PS
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comments
 trypolite or below, filled multiseale clasts
 not at more shale

tan brown calcisiltite w/ commoner brachiopods

trypolite

fractured chert clasts in silt, shale fill "crust" white

trypolite, less shale than below, v/φ, etc

d.k. (oil stain?) gr calcisiltite - interstr

trypolite, v/φ, breccia w/ clay infill
 20-30% calcite, calcisiltite matrix
 → porocrust?

trypolite

porcelain chert - mot., internal silt, brecciated
 microbrecc. sandstone

fine porcelain chert

internal silt

diag. mspil. sandstone; lots of quartz

evenly

ban-calcisiltite

chest chert "flame" into calcisiltite

trypolite chert

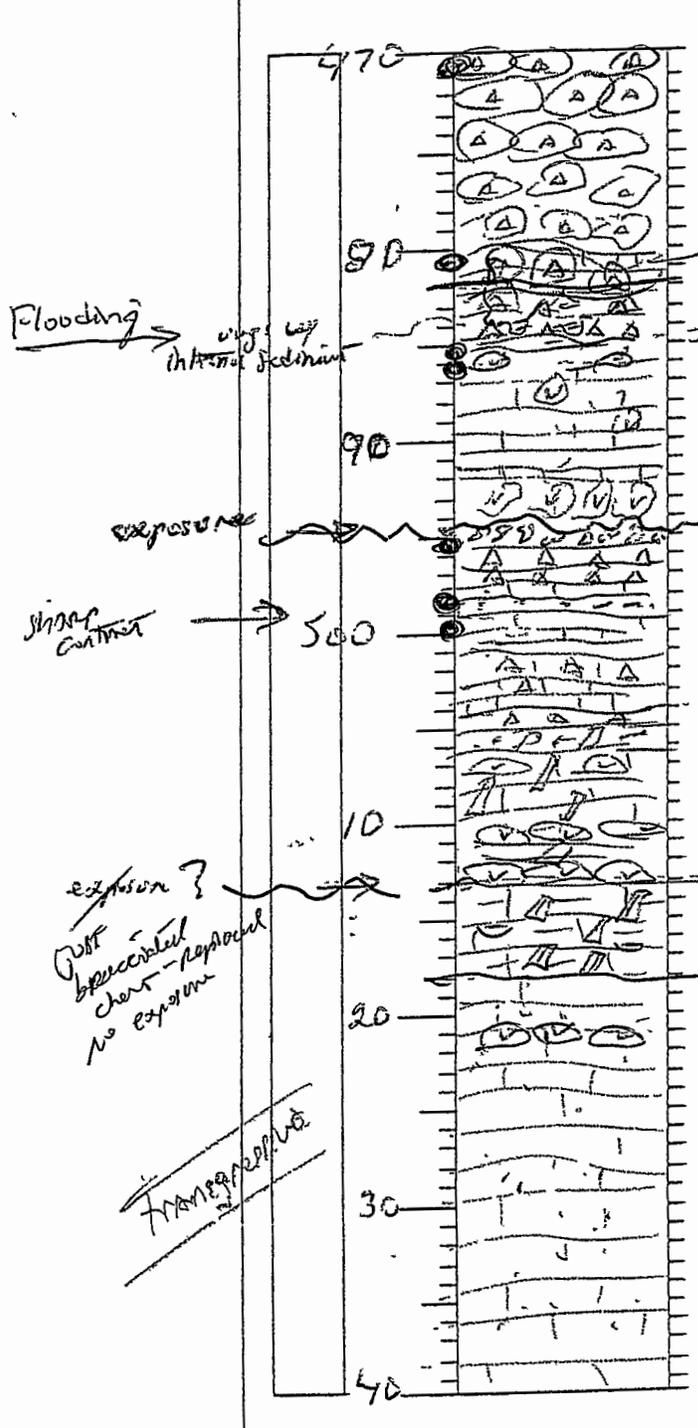
replaced calcisiltite, fine scale
 primary structure preserved
 mottled = may be replaced calcite encrust?

Shooting →

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comments

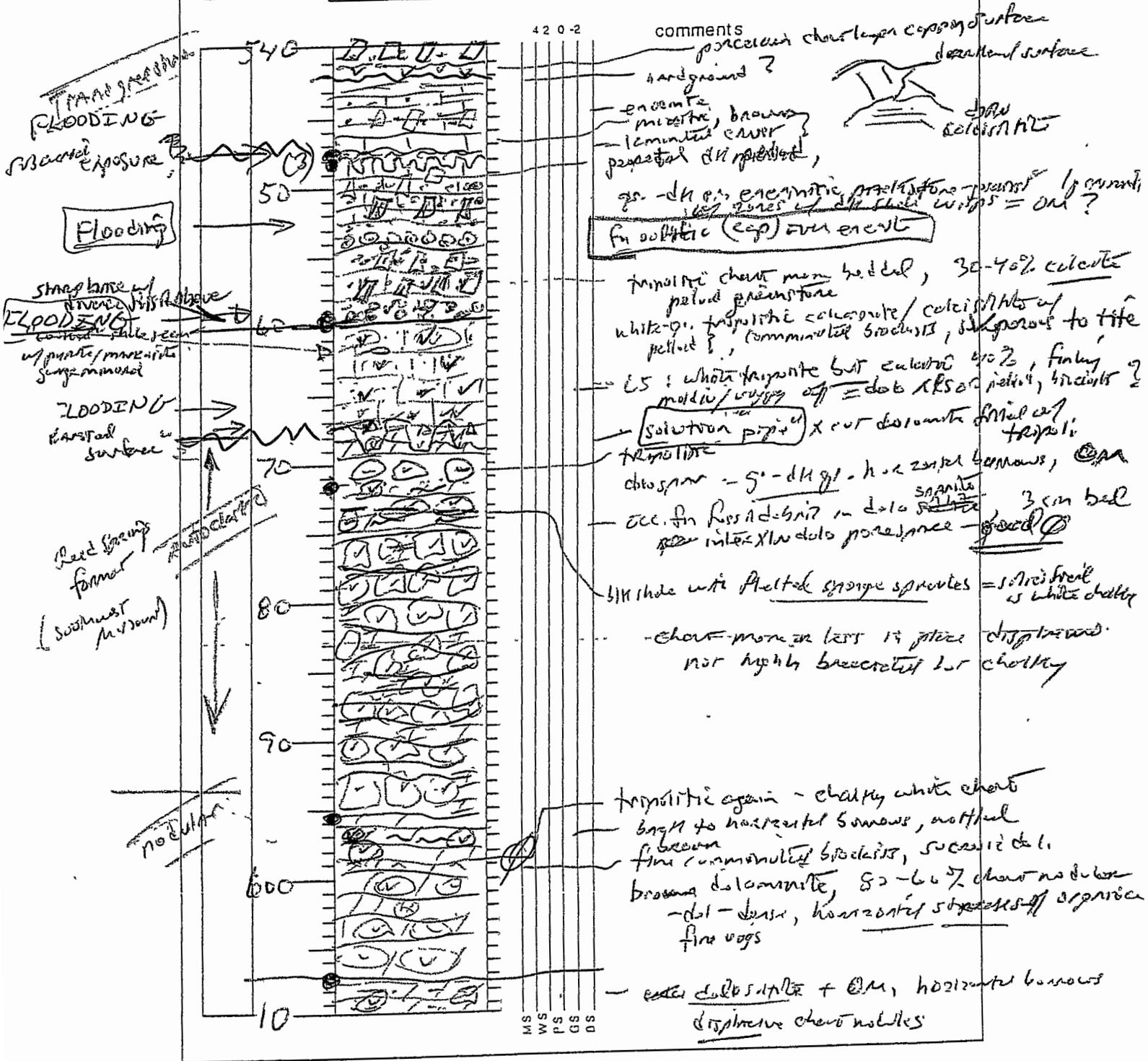
some internal sediment = SAT remain texture
 massive - lots of detrital fragments, pebbles
 possible - multiaxial structure
 massive trypolite ~ 30% calcite
 zone of calcisilite w/ small tubes
 trypolite filling
 sulfides lining structure
 bfm shape, gill sulfate + sulfides of yellow stain
 calcisilite, etc.
 calcisilite (host to chert?)
 breccia, calc clastic breccia calcisilite + chert
 internal sediment, can clastic
 excavate
 fr. calcisilite w/ some common fossil debris
 impure chert ~ 20% calcite fragments
 fr. matrix to calcisilite
 slightly trypolite
 with canals
 - 1+ gr. chert, porcelan = in breccia
 canoids, plank, bivalve, weevil, some OM
 more canaliculous debris, canoidal weevil
 scattered OM
 venerite, small to large canoids



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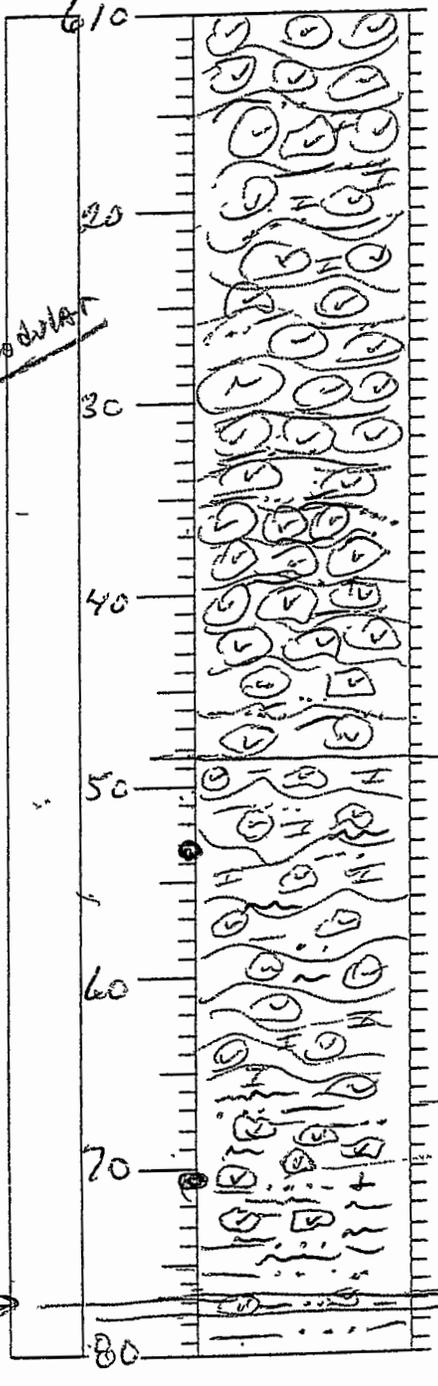
NS
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comments



Reced. layer
 - Elster
 valid

No data

— Occ. horiz. laminae, also calc. nodules
 nodular chert
 back to parallel chert

nodular chert brecciated, "fractured"
 (microporous - more chert, more)

nodular chert, still, calc. nodules
 no body fossils, parallel chert
 brecciated "in situ" w/ no specific surface

parallel chert - 17 gr. nodules = horiz. laminae
 nodular chert w/ still, calc. nodules, more brecciated
 still horizontal laminae, 10-15 cm, no body fossils -
 chert nodule w/ still, calc. nodules
 still horizontal laminae, no body fossils
 chert nodule w/ megacryst, parallel still
 slightly calcareous
 large more abundant chert nodules
 horizontal laminae
 still horizontal laminae, increased

minor fluid

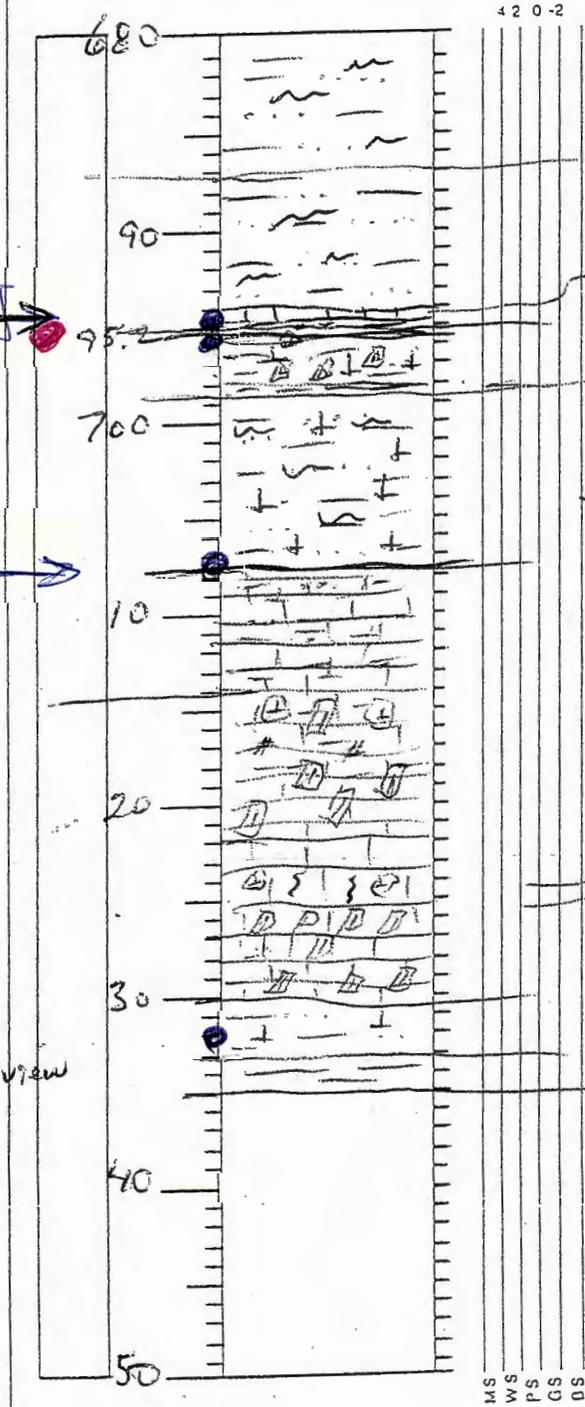
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Flooding surface
 IR
 chert
 nodules

WOODING

North view



comments

slightly lighter

gray-brown, fine. SRT right, no fossils, horizontal burrows, OM, agranular

bioclastic conoidal structure, sharp base, chert color nodules
 dis. gr. SRT, thin laminae
 sect. small fossils, hash, no sect. con chert nodules
 gray shaly, soft, no fossils
 are w/ organoids and bits of debris? (pickled?)

col. silt, low green
 (low organ) sect con + pyrite? lobes

space conoidal burrow
 (small) fragments
 worm-like structure - conoids, v. calc.
 Hpr - gray silt sitting conoidal structure

mm scale horizontal trace fossils in
 STM core
 gray greenish tint
 silt, silt

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