

Texas Company
 Albert M. Creighton No. 1
 Sec. 16-11S-19E
 Alachua County, Florida
 Report by: E. R. Applin
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Notes on samples studied from the Texas Company's Albert M. Creighton No. 1, Alachua County, Florida.

Samples from Texas Company, Jackson, Mississippi - (all cuttings.)

Note - Some cavings - of Cedar Keys - shows dead oil in places, possibly close to top of Upper Lawson since one stained fragment shows a fragment of Rudistid in cream colored chalk.

Samples all cuttings.

- 2962 - 72' (Top sample brought in) - Sample composed of fragments of brown dolomite, in part coarsely crystalline (rhombic) porous, and in part subcrystalline; fragments of chalky limestone (mainly from Cedar Keys, some Upper Lawson) and much light to moderately dark gray lithographic limestone; some chalky miliolid limestone with rounded Miliolids (probably from Upper Lawson.)
- 3000 - 10' Definitely in Austin = Materials as above. Some fragments of carbonaceous material; some dark streaked chalky Austin - See, 13 - 16 on slide.
- 3060 - 70' (Possibly top of A Zone = Eagle Ford(?) - White, lithographic limestone; many oblong Miliolids; and many fragments of a dark brown, occasional oil stained, coarse, porous, rhombic dolomite. Dolomite varies light to dark brown - See #17 on slide.
- 3170 - 80' Probably definitely Eagle Ford - Much dolomite as above; also some fragments of a dense, light brown, sandy looking limestone. Sandy appearance due to presence of small brown granular, irregular-shaped, scattered, but evenly distributed areas. Much white, porous, calcitic limestone, this now more common than dolomite.
- 3300 - 10' Soft chalk, with some glauconite.
- 3310 - 20' Top of B. Zone - Lower Atkinson - Mainly sand, clear quartz, medium grained, even, generally rounded, some grains sub-angular, silky, trace of glauconite in some sand clusters. See #18 - 25 on slide.
- 3330 - 40' Sand as above - and flaky, very finely sandy, green-gray shale; many fragments of carbonaceous material, apparently with shale and with sand; some pyritic lignite.

- 3350 - 60' Same as above - cavings - and some dull, waxy, purplish and grayish brown shale. Increase in green-gray flaky shale fragments here to bottom (probably in part caving). (See purplish shale - #26 and 27 on slide.)
- 3380 - 90' Same and some purplish brown shale.
- 3400 - 10' Sand and some shale as above - and cavings. Sand slightly more silky than above. Some yellowish green (weathered?) glauconite, one large ball with red (hemitic) interior.
- 3410 - 20' Sand as above, apparently red gummy shale and sand, some of grains stained a purplish red, and a few fragments of the gummy red shale present. (See #29 on slide.)
- 3430 - 40' Like the above, some yellowish badly worn quartzite grains present.
- 3460 - 70' Sand apparently harder, many clustered grains and some tubular shaped clusters suggesting worm boring, grains now very uneven in size, medium to very coarse, small pebble size. A few fine grained quartzite pebbles, yellowish, sand grains more rounded and etched. (See 30 - 32 on slide.)
- 3480 - 90' Same - and some sandy carbonaceous material and lignite.
- 3490 - 3520' Mainly cavings.
- 3520' Cavings and some fragments of yellowish quartzite, grains fine to medium. Paleozoic - (see 33 - 36 on slide.)