

Fig. 37.—Log from samples of Florida Oil and Development Company's Sholtz well No. 2, at Cedar Keys, Levy County, Florida.

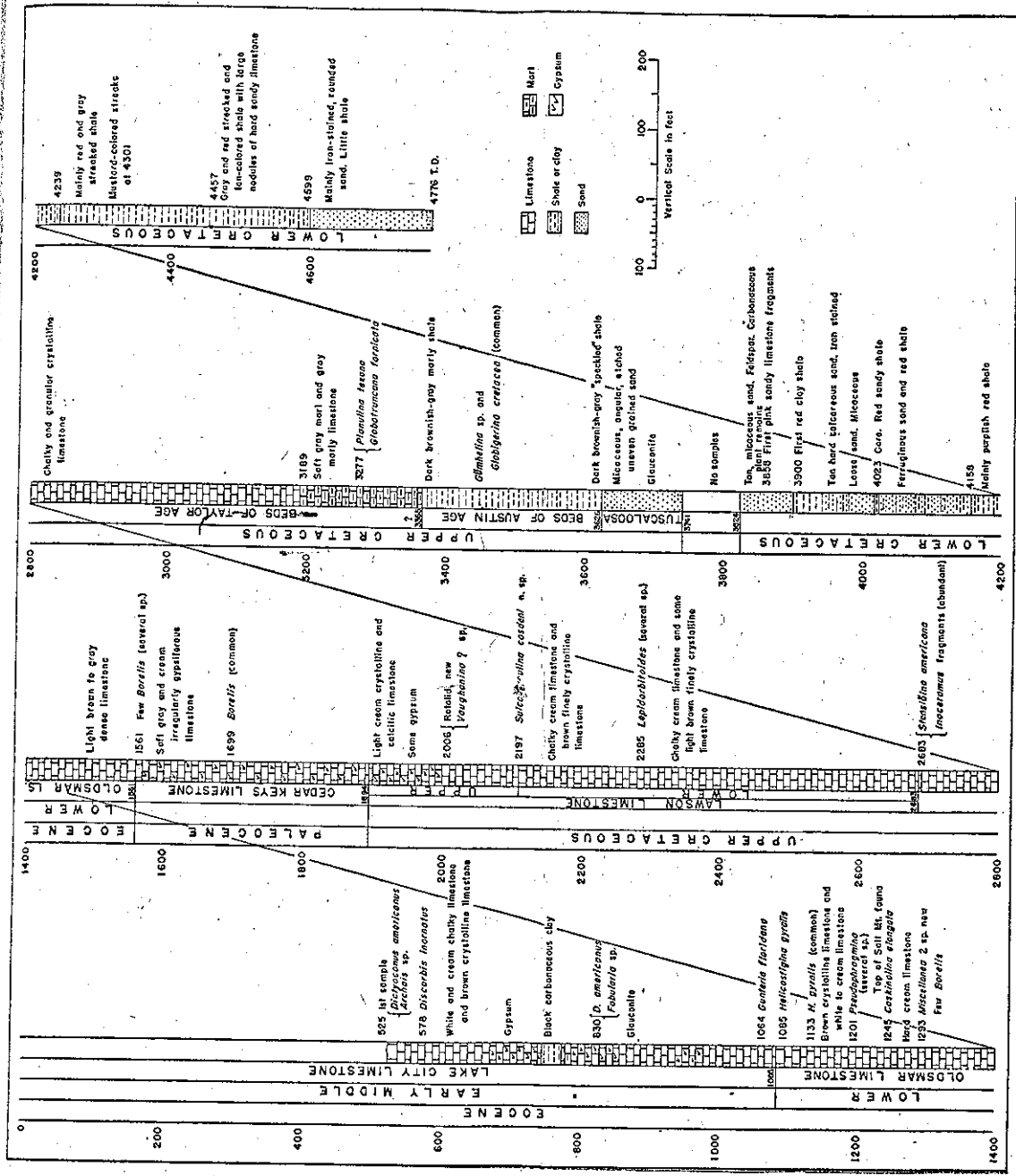


Fig. 38.—Log from samples of Florida Oil and Development Company's Putnam Lumber Company well No. 1, Dixie County, Florida.

ELEVATION: (Gunter gives 53' for Cross City) 18' Grd.,  
STARTED: March 19, 1942 29' D. F.

COMPLETED: Abandoned August 1942

CASING: 500' of 8"; 3850' of 7"

DEPTH: 4780' (See Lloyd's letter 5/14/43)

DRILLER: E. L. Stoner, Drilling Supt., Sam Eason,  
Head Driller.

REMARKS: 215 samples from 93' to 4732' procured through  
Mr. E. L. Stoner driller. See letter of July  
8, 1942 from Dr. F. Lentjes. All in con-  
fidence. See letter from Bradford G.  
Williams 2/5/45, releasing all data about  
this well.

Dup. Smpls. & Cores in wrhs.

(4-15-75)

93-122 Crystalline, light tan to light brown dolomitic limestone, a few fragments of  
gray very porous limestone, and a few fragments of cream colored limestone carry-  
ing specimens of Ocala Operculinoides.

Eocene-Coskinolina Zone

122-525 No samples.

Eocene - Dictyoconus Zone

525-556 Light brown, crystalline dolomitic limestone and dark cream colored limestone.  
Numerous specimens of Dictyoconus americanus. Some light cream colored limestone  
and a few specimens of Archaias floridana from the Tampa Miocene.

556-578 Largely hard, porous, cream colored limestone; some brown, crystalline dolomitic  
limestone.

Dictyoconus americanus  
Fabularia vaughani

578-600 Hard, crystalline, dolomitic limestone with about 25% hard cream colored limestone.  
A few small specimens of Quinqueloculina and a few small unidentifiable forams  
noted.

600-623 Hard, porous, crystalline light brown, dolomitic limestone; a few pieces of  
cream colored limestone as above.

675-700 Hard, crystalline brown dolomitic limestone with traces of glauconitic; many  
fragments of gypsum crystal; a few pieces of hard white glauconitic limestone;  
a few well rounded grains of clear quartz sand; no fossils.

700-725 Like the preceding, but no glauconite noted in the dolomite.

718-742 Like the preceding, but with a very large amount of gypsum; fragments of gypsum  
crystals make up about 30-40% of the sample.

747-764 Brownish, black lignite with a few pieces of very porous cream colored limestone  
and some crystalline dolomite as above.

764-776 Same.

776-786 (Sample marked 776-876, but I believe it is mislabeled) Dark cream colored, very  
porous, in part crystalline, dolomitic limestone. Numerous fragments of  
Dictyoconus americanus.

786-808 Limestone as above with large amount of dark brown, coarsely crystalline dolomitic  
limestone; numerous pieces of white glauconitic limestone, a few pieces of  
lignite. Large amount of gypsum. Many fragments of Dictyoconus americanus.

808-830 Largely dark brown, crystalline, dolomitic limestone, gypsum crystals; some  
limestone as above.

830-853 Dark cream colored, dolomitic, highly fossiliferous (principally miliolids)

- of gypsum.
- 976-998 Crystalline, brown dolomitic limestone, numerous pieces of close grained chalky white limestone with minute specks of glauconite. No fossils noted.
- 998-1020 Finely crystalline dolomitic, light brown limestone with chalky white limestone as above. No fossils.
- 1020-1047 Dolomite and limestone as above; many fragments of gypsum; numerous Bryozoa; a few fragments of Pecten sp.
- Operculinoides? sp. (large nodes)
- 1042-1064 Like the preceding. Bryozoa rare.
- 1064-1085 Very porous, highly fossiliferous, dolomitic limestone; dolomite as crystalline, cement between fossils; fossils badly leached and not identifiable; many dark fragments show casts of small gastropods. Gunteria? fragments.
- 1085-1107 Same as preceding.
- 1107-1130 Light brown, crystalline, dolomitic limestone with white chalky, slightly glauconitic limestone; some fossiliferous limestone as above.
- Dictyoconus cf. americanus fragments
- 1130-1155 Like the preceding.
- 1155-1178 Compact, cream colored fossiliferous limestone; white chalky, glauconitic limestone some crystalline brown dolomite as above, some lignite.
- Heterostegina gyralis  
Operculinoides sp.  
Amphistegina lepestrigoi (common)  
Many miliolids
- 1178-1201 White, chalky, slightly glauconitic limestone; no fossils noted.
- 1201-1223 Chalky limestone as above, and compact; cream colored fossiliferous limestone. Small forams; Miliolids.
- Operculinoides sp.
- 1223-1245 Chalky glauconitic limestone as above and dense, cream colored, dolomitic limestone; fossils rare. A few Bryozoa; some Dictyoconus fragments; and Operculinoid sp.
- 1245-1268 Hard; cream colored limestone with some crystals of calcite and some crystalline, brown dolomitic limestone. Fossils rare and poorly preserved.
- Discorbis sp. (conical form)  
Miliolids
- 1268-1293 White, chalky, glauconitic limestone and cream colored limestone as in preceding sample. No fossils noted.
- 1293-1316 Hard porous, cream colored limestone; calcite crystals. Small forams.
- Discorbis sp. A. (common)  
Elphidium sp.
- 1316-1339 White, chalky, glauconitic limestone, and crystalline brown dolomitic limestone. No fossils noted.
- 1339-1361 White, chalky glauconitic limestone with very little dolomitic limestone and a few pieces of lignite. No fossils.
- 1361-1384 Like the preceding.
- 1384-1406 Like the preceding.
- 1406-1429 No sample.
- 1429-1451 About 50% white, chalky, glauconitic limestone and 50% finely crystalline dolomitic limestone; a few pieces of lignite. No fossils noted.
- 1451-1474 Largely white limestone as above with some finely crystalline dolomitic limestone and a few pieces of lignite. No fossils.
- 1474-1496 Like the preceding, but with more lignite.

- 1627-1650 Porous, finely crystalline, cream colored limestone with some limestone as in the preceding samples. Numerous small forams present, but these are too poorly preserved for identification.
- 1650-1673 Like the preceding with a few fragments of yellow limestone containing numerous poorly preserved Miliolids.
- 1673-1694 Same.
- 1699-1722 Porous, cream colored, finely crystalline limestone.  
Borelis sp. gunteri  
Siphonina sp.
- 1722-1766 Porous, gray and cream colored limestone. Some of the cream colored limestone shows calcite crystals in the more porous portion.
- 1766-1788 Similar to the preceding, but with a large amount of porous gray limestone. A large, poorly preserved Elphidium noted.
- 1788-1805 Porous, cream colored, in part crystalline limestone; a few pieces of dense cream colored limestone and some gray limestone as in the preceding sample. A few poorly preserved fossils.
- 1828-1850 Similar to the preceding, but with more porous, gray limestone.
- 1850-1872 Like the preceding.
- 1872-1894 Like the preceding. A large distinctive Quinqueloculina noted.
- 1894-1916 Finely crystalline, light cream colored limestone; a few pieces of limestone as above. No fossils preserved in this rock.
- 1916-1939 Limestone similar to the above, but less distinctly crystalline in character. A few very poorly preserved? Borelis.
- 1939-1961 Like the preceding with considerable material from above and some yellowish limestone showing sand grain inclusions.
- 1961-1983 Same.
- 1983-2006 Light cream colored limestone as in the preceding sample.
- 2006-2028 Same.
- 2028-2051 No change.
- 2041-2064 Slightly darker colored, very porous, finely crystalline limestone. No fossils preserved.
- 2064-2086 Same.
- 2086-2108 Same.
- 2108-2130 Very granular, crystalline, grayish cream colored limestone with some yellowish cream colored limestone as above. No fossils.
- 2130-2163 Largely limestone as above with a number of fragments of white chalk.
- 2163-2185 Like the preceding.
- 2185-2207 Dark cream colored, coarsely crystalline, dolomitic limestone. Some light cream colored more finely crystalline limestone.
- 2197-2219 About 50% light cream colored, finely crystalline limestone and 50% dark cream colored, coarsely crystalline dolomitic limestone.
- 2219-2241 Eocene - Borelis Zone  
Upper Cretaceous
- 2219-2241 White chalky, somewhat granular white limestone with small amount of limestone as above.
- Robulus sp.  
Cibicides sp.  
Lepidorbitoides sp. cf. minima (rare and poorly preserved)
- 2241-2263 Same. Lepidorbitoides more common and better preserved than in the preceding sample.
- 2263-2285 White hard light cream colored porous limestone showing some calcite. Small

2307-2329

Similar to the preceding.

Cibicides cf. constrictus

2339-2351

Granular, somewhat chalky, white and cream colored limestone with large amount of glauconitic chalky white limestone from up the hole. Lepidorbitoides better preserved in the sample than in the preceding samples.

2351-2373

Chalky white limestone and crystalline, light cream colored limestone. Fauna largely small forams as listed above.

2373-2395

Fairly large pieces of chalky white limestone and crystalline brown limestone. Much of this material seems to be from up the hole.

2395-2417

Finely cut chalky white limestone, and crystalline, cream colored limestone fossils as above.

2417-2440

Similar to the preceding Lepidorbitoides planasi.

2440-2463

Largely finely crystalline, light cream colored limestone and some chalky white limestone. Fauna of small forams as above.

2463-2485

Similar to the preceding, but with more chalky white limestone.

2485-2507

Largely very finely ground, hard, crystalline cream colored limestone with a small amount of chalky white limestone.

2507-2529

Same as preceding.

2529-2559

About 50% chalky white limestone and 50% crystalline cream colored limestone. Some fauna as above.

2559-2598

Like the preceding.

Cretaceous

Cretaceous - Ripley - Siema

2595-2617

Chalky white limestone with crystalline cream colored limestone as above with few Inoceramus prisms.

2617-2639

Same.

2639-2661

No sample.

2661-2683

Finely ground chalky white limestone. Fauna predominantly small forams Lepidorbitoides rare.

2683-2765

Like the preceding.

2760-2782

White, fossiliferous calcitic chalky limestone, calcite crystals; some pyrites. Lepidorbitoides sp (rare)

Gyroidina globosa

Cibicides constrictus

Bulimina

2782-2804

White, highly fossiliferous, calcitic chalky limestone.

Stensioina americana

Cibicides constrictus

Arenobulimina americana

Gyroidina globosa

Planulina cf. cedarkeysensis

Anomalina sp.

Gyroidina sp.

2804-2826

Like the preceding with some pieces of very porous gray limestone; numerous calcite fragments; and some calcitic cream colored limestone. Fauna as above.

2826-2848

White, limestone similar to the above with considerable calcite, fauna as above.

2852-2874

Like the preceding.

2875-2895

White limestone as above and about 50% crystalline, cream colored limestone.

Globotruncana cf. Arca (rare)

Cibicides constrictus

Gyroidina globosa

- 2985-3007 Like the preceding.  
 3007-3029 Like the preceding.  
 3029-3062 Similar to the above; a large poorly preserved Robulus noted in the sample.  
 3062-3084 Limestone as above; fossils rare and poorly preserved.  
 3084-3106, 3106-3128 Same.  
 3128-3150 Limestone like the preceding; scattered crystals of pyrite. Forams rare but better preserved than in the preceding samples. Ostracoda; Robulus sp.  
 3150-3174 Like the preceding.  
 3174-3194 Same.

Cretaceous - Ripley - Selma  
 Cretaceous - Eutaw

NOTE: The top of the Eutaw is picked at this point on the basis of the gray limestone and shales first appearing at this depth.

- 3189-3211 Limestone as above with considerable impure gray limestone, and gray waxy shale. Fossils as above; no fossils noted from gray lime or shale.  
 3211-3230 Similar to the above, but with large amount of gray shale; many shale fragments show sponge spicules.  
     Globotruncana arca  
 3233-3255 Like the preceding.  
 3255-3277 Like the preceding.  
 3277-3299 Same.  
 3299-3321 Impure gray limestone and sandy gray shale with white chalk.  
 3321-3343 Same.  
 3343-3365 Similar to the preceding, but with more white limestone; considerable calcite; shale fragments less common.  
 3365-3385 Limestone as above with a few pieces of lignite, and many pieces of lignitic shale.  
 3387-3407 Similar to the preceding; many of the shale fragments show white lime streaks.  
 3409-3431 White chalky limestone; cream colored limestone; and gray shale and shaly limestone.  
 3431-3453 Similar to the preceding, but with more shale and gray limestone.  
 3470-3480 (Core) Dark gray limy shale, gray limestone and chalk. No fossils noted.  
 3478-3490 White chalk, cream colored limestone; gray shaly limestone and gray shale, and a few pieces of black lignitic shale; considerable well rounded to sub-angular quartz sand.  
     Robulus sp.  
     Anomalina? sp.  
 3490-3512 Sample largely composed of fragments of shaly gray limestone; gray shale, and black lignitic shale with some white chalk and cream colored limestone as above.  
 3512-3534 Similar to the preceding, but with more chalk and cream colored limestone.  
 3534-3556 Like the preceding.  
 3556-3582 Similar to the preceding; considerable caving from the Borealis Eocene.  
 3582-3604 Same.  
 3604-3626 Similar to the above, but with less shaly limestone and more gray and gray-black shale.  
 3626-3649 Rather loosely cemented, medium coarse grained calcareous sand, showing traces of glauconite; some white limestone as above. Sand grains are angular to sub-rounded. Some pyrite crystals.  
 3649-3671 A rather fine, poorly coated, glauconitic sand with some sandstone as above. Some limestone coming down the hole.  
 3671-3693 Like the preceding; with some dark gray shale, and some black lignitic shale.

- 3824-3850 Highly, micaceous, medium fine pink and clear quartz sand. Sand angular to sub-rounded; some of it frosted.
- 3858-3867 Coarse, rounded to sub-angular, clear and etched quartz sand, some pink coarse grained sandstone and yellowish fine grained sandstone; some small pieces of greenish shale and fragments of porous white limestone, iron pyrites common. The only fossils are from the Ocala limestone near the top of the hole.
- 3870-3900 Similar to the preceding, but with more pink quartz sand and large amount of iron scale from the pipe. Sand generally finer. Some red, clayey shale fragments.
- 3900-3922 Same.
- 3922-3944 Medium fine, rounded to sub-angular, clear and etched quartz sand; much of the sand an amber color; some muscovite mica; considerable pyrites; a few fragments of quartzitic sandstone, and fine grained pink and yellowish sandstone.
- 3944-3966 Like the preceding. Large amount of iron scale that has stained much of the sand dark red.
- 3977-4000 Same.
- 4000-4023 Same.
- 4023-4025 (Core). Red, waxy sand, slightly micaceous shale.
- 4047-4070 Large amount of medium fine, rounded and sub-angular quartz sand; fragments of red shale as in the core above and fragments of pink medium fine-grained sandstone; some greenish shale fragments from above. Scattered mica flakes.
- 4070-4092, 4092-4114 Same.
- 4114-4136 Red shale as in the core from 4023-4025 with some sand as above.
- 4136-4153 Red shale as above; some medium fine grained sandstone, and considerable quartz sand as in the preceding sample. Some pyrite and a small amount of mica.
- 4156-4163 Same.
- 4158-4173 Dark purplish red sandy waxy shale with sand as above. The shale in this sample is slightly darker than that in preceding samples and has a more waxy appearance.
- 4183-4196 Slightly light red, waxy shale showing streaks of greenish waxy shale and some fragments of a dark gray waxy shale.
- 4196-4206 Shale as above with large amount of generally rounded, clear and pink etched sand (quartz)
- 4206-4218 Purplish red and lighter red shale with small amount of greenish shale; some sand and fragments of grayish sandstone with large number of chlorite minerals; a few pieces of pinkish white calcareous sandstone, some pyrites.
- 4218-4225 Largely medium fine rounded to sub-angular quartz sand with some red shale fragments; some mica; scattered fragments of amethyst quartz.
- 4225-4228 Same, more shale fragments.
- 4228-4239 Same.
- 4239-4250 Largely, fine angular to sub-rounded, clear and iron stained quartz sand with few small fragments of shale as above.
- 4250-4261 Slightly coarser sand with numerous fragments of greenish gray waxy shale and some red shale fragments.
- 4261-4273, 4273-4286 Same.
- 4286-4297 Red, waxy shale, and red and greenish waxy shale; some of which is quite sandy; some coarse quartz sand grains; large amount of pipe scale; A few Ocala fossils from near surface of the hole; some fragments of pinkish quartzitic sandstone.
- 4301 Similar to the above, but with considerable gray waxy shale and a fragment of carmine pink shale with inclusions of a bright green chlorite mineral; some asphaltic material (may be from tools).

- 4355-4358 Same.  
 4358-4364 Same; some pieces of pink quartzite.  
 4364-4374 Like the above.  
 4374-4384 Similar to the above with some large pieces of a rather coarse grained white sandstone showing red stained streaks; and with considerable gray shale.
- 4389-4395, 4395-4405 Same.  
 4405-4418 Red and gray shale as above with large amount of white, fairly coarse grained sandstone and some pinkish quartzitic sandstone.  
 4418-4428 Largely reddish, gray and green shale with fragments of white and pinkish quartzite; a quartzitic sandstone; some white sandstone.  
 4428-4440 Similar to the above with several large pieces of asphaltic material.  
 4440-4450 A few pieces of red shale; white sandstone, white and pinkish quartzite, a quartzitic sandstone.  
 4457-4471 Fairly coarse grained white sandstone, numerous pieces of quartzitic white and pink sandstone and a few pieces of red shale (probably from above).
- 4471-4481, 4481-4491 Same.  
 4493 Sandstone as above with some shale.  
 4491-4501, 4501-4511 Same.  
 4513-4526 White, pinkish, and lavender sandstone; many of the fragments are quartzitic and others represent a calcareous sandstone.  
 4526-4537 Pink and white, quartzitic sandstone with numerous fragments of purple, sandy clay.  
 4537-4539 Same with mustard yellow clay.  
 4549-4559 Same.  
 4559-4569 Principally white and pink quartzitic sandstone with some yellow waxy clay.  
 4569-4579 Sandstone as above with about 50% purple red clay and yellow sandy clay; some gray shale.
- 4579-4589, 4589-4599, 4599-4614 Same.  
 4614-4624 Medium fine, frosted rounded to sub-angular quartz sand. Sand grains iron stained giving sample a reddish color.  
 4624-4634 Same.  
 4634-4645 (Sample one) Sand as above.  
 (Sample two) Largely reddish purple, sandy clay, and mustard yellow clay with coarse angular sand; some pink and white sandstone. The pinkish fragments usually quartzitic.  
 4645-4658 Like sample two of the preceding with some gray shale.  
 4658-4665 Same.  
 4665-4668 Like the preceding with pieces of gray waxy shale or clay unlike that described above in its waxy texture.  
 4668-4674 Same with large amount of micaceous gray shale and some waxy gray shale.  
 4670-4680 About 50% pink and white sandstone, in part quartzitic, about 30% yellow sandy clay and the remainder reddish purple clay.  
 4680-4690 Similar to the above but with less sandstone, and with some waxy gray shale.  
 4690-4701 Sandstone and clay as above with red and green mottled, sandy claystone; red clayey ironstone, and some bright red sandstone.  
 4701-4711 Similar to the preceding.  
 4711-4723 Same as the preceding.  
 4723-4732 Similar to the above with numerous fragments of rotten, black schist.



3858-3867 Cretaceous - Tuscaloosa

3870-4526 This section is represented by alternating beds of shales and sandstones that many workers have placed in the Tuscaloosa, Cretaceous. In general lithology, however, this section is more nearly like the Cotton Valley Jurassic of Mississippi and Louisiana than any formation known to this worker. The fact that the shales and many of the sandstones are calcareous would tend to substantiate such a condition. I am, therefore, placing this interval in that formation.

4526-4732 This entire section seems to be Cotton Valley. The schist recorded in the last sample does not seem to be schist in place.

LOCATION : Sec 7, T11S, R12E  
COUNTY : Dixie  
ELEVATION : 26 DF  
DEPTH : 3853'  
COMPLETED : 6-8-42

REMARKS : Samples Incomplete, Electric  
Log available

CHEN 1963

0	20	MIOCENE
20	150	Ocala GROUP
150	450	AVON PARK LIMESTONE
450	1150	LAKE CITY LIMESTONE
1150	1560	OLDSMAN LIMESTONE
1560	1905	CEDAR KEYS LIMESTONE
1905	2555	UPPER CRETACEOUS (LAWSON LIMESTONE)

0	20	MIOCENE
20	110	Fossiliferous LIMESTONE
15	150?	DOLOMITE
150	330	DOLOMITE
330	350	Calcitic (10%) DOLOMITE
350	400	DOLOMITE
400	430	Calcitic (10%) DOLOMITE
430	450	DOLOMITE
450	520	DOLOMITE with carbonaceous material

122/525  
N/S,  
Also NO  
How is  
it?  
done?

585	680	DOLOMITE
680	745	DOLOMITE, slightly gypsiferous and gypsum fragments present
745	753	Fossiliferous LIMESTONE
753	755	Black Peat?
755	762	Fossiliferous LIMESTONE
762	767	Black Peat
767	778	DOLOMITE
778	788	Fossiliferous, dolomitic (20%) LIMESTONE
788	795	DOLOMITE
795	805	Fossiliferous , dolomitic (20%) LIMESTONE
805	825	Gypsiferous (10%) DOLOMITE
825	960	Fossiliferous LIMESTONE
960	972	Gypsiferous (10%) DOLOMITE
972	990	DOLOMITE
990	1025	Fossiliferous LIMESTONE
1025	1040	DOLOMITE
1040	1100	Fossiliferous LIMESTONE
100	1120	Fossiliferous, gypsiferous (10%) dolomitic (10%) LIMESTONE
1120	1150	DOLOMITE
1150	1190	Fossiliferous LIMESTONE
1190	1200	DOLOMITE
1200	1255	LIMESTONE, slightly cherty, chert frag, present, light brown

*Gyp OK*

1470	1510	Fossiliferous LIMESTONE with peat fragments
1510	1560	DOLOMITE
1560	1605	DOLOMITE, microcrystalline, slightly calcitic and gypsiferous
1605	1615	DOLOMITE, very fine to microcrystalline
1615	1650	DOLOMITE, microcrystalline
1650	1710	DOLOMITE, microcrystalline
1710	1905	DOLOMITE, microcrystalline with Borelis, etc.
1905	1985	DOLOMITE, very light brown, pure and clean, very fine crystalline
1985	2105	DOLOMITE, very light brown, pure and clean, microcrystalline
2105	2190	DOLOMITE, light brown to brown, pure and clean, very fine crystalline
2190	2220	Dolomitic (20%) LIMESTONE, very light brown to chalky
2220	2345	Fossiliferous LIMESTONE, chalky, Lepidorbitoides, etc.
2345	2395	DOLOMITE
2395	2555	Chalky LIMESTONE
2555	3000	Chalky LIMESTONE, Inoceramus prisms(?)

LOCATION : 6 miles SW of Cross City. Section 7,  
 T11S, R12E  
 COUNTY : Dixie  
 ELEVATION : 18' grd. 29' Dr.  
 STARTED : March 19, 1942  
 COMPLETED : Abandoned Aug. 1942  
 CASING : 500' of 8"; 3850' of 7"  
 DEPTH : 4780' (See Lloyd's letter 5/14/43)  
 DRILLER : E. L. Stoner Drilling Superintendent,  
 Same Eason, Head Driller  
 HEAD :  
 USE :  
 YIELD :  
 REMARKS : 215 samples from 93' to 4732' procured  
 through E. L. Stoner, Driller. See  
 letter July 8, 1942 from Dr. F. Lentjes.  
 See Letter from Bradford G. Williams  
 2/5/45, releasing all data about this  
 well. Schlumberger from 510 to 3860 feet.

*W. Williams*

IN AVON PARK LIMESTONE

- 93-114' Mostly cream colored granular porous dolomite, with some Ocala limestone and fauna.
- 92-122' Cream colored limestone with Lepidocyclina ocalana abundant. Some gray, porous limestone abundant, tan, sugary, dolomitic limestone of Avon Park age.

IN LAKE CITY LIMESTONE

- 511' (Core) Dark khaki, sugary, very porous dolomite. Contains molds of large (8 mm), concave base Dictyoconus cf. D. americanus.
- 525-556' 60% white, glauconitic limestone with molds of a peneroplid, Peneroplis sp. Trace chert.  
 20% tan, coarsely crystalline, porous dolomite  
Amphistegina lopeztrigoi  
Dictyoconus cooki  
 Trace of lignitic white speckled dolomite. Calcareous Algae.  
Fabularia vaughani  
Dictyoconus americanus. Good spec.  
Lituonella sp.
- 556-578' Same with poor fragments of Dictyoconus sp. and Peneroplis sp.
- 578-600' 80% honey colored dolomite rhombs.  
 20% white, chalky limestone, broken fossils only.
- 600-623' Clusters of honey colored dolomite rhombs.  
 Trace white chalky limestone
- 675-700' Tan, sugary, porous dolomite, 10% gypsum
- 700-725' Same, 20% gypsum
- 747, 764, 776' 90% saprolite, trace of gypsum.
- 776-786' Tan, very coarsely crystalline dolomite. Trace gypsum.  
Dictyoconus americanus common. Some cement.
- 786-808' Same with much cement. Trace gypsum. Very flat Dictyoconus

- 830-853' Tan to dark tan, coarsely crystalline dolomite with chalky miliolids. Trace saprolite and gypsum. Dictyoconus americanus, common.
- 853-879' Same with chalky portion more abundant.  
Dictyoconus americanus, common  
Fabularia vaughani  
Discorbis inornatus, Bryozoa
- 879-902' 80% chalky forams, many in matrix of selenite. Dictyoconus americanus abundant. 10% gypsum  
Fabularia vaughani  
Discorbis inornatus  
"Lockhartia"  
Epistomaria rimosa
- 902-924' Same. Much light tan, chalky limestone. Trace gypsum  
Fabiania cubensis  
Bryozoa  
Fabularia vaughani, ostracods  
Gunteria floridana? Lepidocyclina sp. cf.  
L. cedarkeysensis  
Echinoid fragments.
- 945-976' 60% tan, sugary dolomite. 20% cream colored limestone, 20% gypsum. Trace saprolite. Trace Dictyoconus sp. and Fabiania sp. Trace green shale.
- 976-998' Tan, coarsely crystalline porous dolomite. 10% gypsum. Trace Dictyoconus sp. and Bryozoa.
- 998-1020' Tan dolomitic rhombs, 20% white chalky limestone.
- 1020-1047' Tan, sugary, dolomite. 10% gypsum.
- 1042-1064' Same. 10% gypsum, 10% cream colored limestone. Echinoid fragments, Bryozoa..
- 1064-1085' Tan dolomite with chalky limestone included. 10% gypsum. Trace Dictyoconus, etc.
- 1085-1107' Same. Much cement.
- 1107-1130' Tan, sugary, porous dolomite. 10% gypsum, 10% cream limestone. Trace saprolite.
- 1130-1155' Same. Lepidocyclina sp.
- 1133-1178' Same.
- OLDSMAR LIMESTONE
- 1156-1178', Amphistegina lopeztrigoi common. Trace saprolite.  
Epistomaria subsmarginata  
Pseudophragmina sp.?  
Ophiurian fragment?  
Heterostegina gyralis
- 1178-1201' 98% cement
- 1201-1223' Tan, sugary dolomite, white limestone, trace saprolite, trace chert. Dolomitic rhombs common. Most of sample is cement.
- 1223-1245' Light tan, dense, slightly porous limestone. Pseudophragmina sp.
- 1245-1268' One half: tan, sugary dolomite. One half: White, chalky

- 1339-1361' Trace sapolite, trace gypsum, trace chalcidioncy.  
 1361-1384' Same. 10% saprolite, no gypsum or chert.  
 1384-1406' One half: Light tan, sugary dolomite. One half: Saprolite  
 but sample mostly cement.  
 1384-1406' Same  
 1429-1451' Same, 60% dolomite, 40% saprolite  
 1451-1474' Same, 10% saprolite, trace Dictyoconus americanus  
 1519-1541' 90% tan, sugary dolomite. Pseudophragmina? 20% saprolite.

#### CEDAR KEYS LIMESTONE

- 1561-1583' Marked change in lithology.  
 White, sugary, porous, dolomitic limestone.  
 Trace light gray chert. Trace gypsum and anhydrite  
 1583-1605' White, very porous, rather chalky, dolomitic limestone with  
Gunteria floridana, Lepidocyclina ? sp.  
 1605-1627' Same as above.  
 1627-1650' Very light, tan, porous, dolomitic limestone  
 1699-1722' Very light, tan, sugary, porous limestone. Trace anhydrite.  
Borelis gunteri  
 1722-1766', 1766-1788' Light tan to light gray, sugary, porous limestone.  
 Trace of anhydrite.  
 1788-1805' Same. Perhaps a little darker. Trace anhydrite.  
 1805-1828', 1828-1850' Same, tan-gray, with trace of anhydrite.  
 1850-1872, 1872-1894' Same, gray predominates. Trace of anhydrite.  
 1894-1914' Light tan, porous, dolomitic limestone. Trace saprolite.  
 1916-1939' Same as above, no saprolite. Trace of anhydrite.  
 1939-1961' Same. Trace of Dictyoconus americanus  
 1961-1983, 1983-2006' Same with trace of anhydrite.  
 2006-2028, 2028-2086 Buff, finely granular, very porous dolomite. Trace  
 of anhydrite.  
 2064-2086, 2086-2108' Same but darker, two-thirds per cent anhydrite.  
 2108-2130 Tan, sugary, Very porous dolomite, trace of anhydrite.  
 2130-2163, 2163-2185, 2185-2207' Same, with 2-3% anhydrite.

#### UPPER CRETACEOUS

- 2197-2219' White, chalky, granular limestone. Lepidorbitoides sp.  
 2241-2263' Same, with very light buff, chalky limestone and trace of  
 forams. Trace of anhydrite.  
 2263-2285' Cream colored limestone. Small Rotalias fairly common.  
Linderina sp., microcrinoid,  
Helicostegina gyralis?  
Lepidorbitoides sp.  
 2285-2307' Same. Small Amphistegina sp.  
Textularella sp.  
Bolivina sp.  
 Small Lepidorbitoides sp.  
 2329-2351' Dark tan, porous dolomitic limestone.  
Lepidorbitoides sp.

COUNTY: Dixie  
 ELEVATION: 18' Grd.; 29' DF  
 STARTED: March 19, 1942  
 COMPLETED: Abandoned Aug. 1942  
 CASING: 500' of 8"; 3850' of 7"  
 DEPTH: 4780' (See Lloyd's letter 5/14/43)  
 DRILLER: E. L. Stoner Drilling Superintendent, Sam Eason, Head Driller

HEAD:  
 USE:  
 YIELD:

REMARKS: 215 samples from 93' to 4732' procured through E. L. Stoner, Driller. See letter of July 8, 1942 from Dr. F. Lentjes. See letter from Bradford G. Williams 2/5/45, releasing all data about this well. Schlumberger from 510 to 3860'.

0-19	Surface	776-824	Lime and mica
19-36	Lime (1)	824-826	Lime
36-71	Lime and streaks of sand	826-835	Coal
71-93	Lime and streaks of sand	835-955	Lime with hard streaks
93-114	Hard lime	955-988	Hard brown lime
114-122	Hard lime (2)	988-1022	Soft sand
122-124, 124-128	Hard lime	1022-1035	Broken lime
128-155	Broken rock and gravel	1035-1039	Broken lime
155-159	Gravel	1039-1060	Sand
159-171	Hard lime	1060-1102	Broken lime
171-185	Hard lime	1102-1118	Hard lime
185-208	Broken rock and sand	1118-1114	Lime, soft and hard streaks
208-214	Lime rock	1114-1199	Lime, hard and soft streaks
214-235	Lime	1199-1242	Lime with hard streaks
235-263	Sand	1242-1250	Lime, hard streaks
263-270	Lime	1250-1257	Lime, soft
270-276	Lime	1257-1269	Lime, hard
276-366	Broken lime and sand	1269-1336	Broken lime and sand streaks
366-368	Lime rock	1336-1348	Lime, hard streaks
368-428	Broken lime and sand (3)	1348-1356	Lime, hard
428-471	Broken lime	1356-1361	Lime
471-485	Hard lime	1361-1391	Lime, hard
485-500	Broken lime	1391-1406	Lime, hard
500-509	Hard lime	1406-1435, 1435-1467, 1467-1471	Lime, hard
501-511	Broken lime (4) & (4-A)	1471-1519	Lime, soft, and streaks of coal
511-514	Lime	1519-1523	Lime, hard
514-530	Sand (5)	1523-1545, 1545-1561, 1561-1563	Lime, hard
530-598	Broken lime	1563-1610	Lime and sand streaks
598-618	Lime and sand streaks	1610-1731	Lime
618-624	Lime	1731-1736	Lime
624-658	Sand and lime		
658-660	Lime		
660-663	Sand and gravel		
663-666	Lime		



2055-2058	Lime (firm)
2058-2155	Lime (firm)
2155-2208	Lime, soft
2208-2240	Lime, soft
2240-2339	Chalk
2339-2351	Lime, hard
2351-2361	Lime, hard streaks
2361-2396	Lime, hard
2396-2422	Chalk
2422-2475	Lime, hard streaks
2475-2487	Lime, hard streaks
2487-2590	Chalk, hard streaks
2580-2685	Chalk and lime streaks
2685-2754	Lime, firm
2754-2780	Lime
2780-2792	Lime
2792-2852	Chalk, streaks of lime
2852-2885	Chalk and lime streaks (6)
2885-2900,	2900-2987 Chalk and lime streaks (6)
2987-2997,	2997-3068, 3068-3089 Lime
3089-3147	Lime and chalk
3147-3151	Lime
3151-3200	Lime, hard streaks
3200-3277	Lime with hard streaks
3277-3349	Lime, hard streaks
3349-3424	Lime, hard streaks
3424-3460	Lime, hard
3460-3463	Lime, soft
3463-3468	(9)
3468-3472	Lime (9)
3472-3480	Lime (9)
3480-3489,	3489-3543, 3543-3575 Lime
3575-3607	Lime
3607-3625	Lime
3625-3700	Sand
3700-3714	Sand and lime streaks
3714-3721	Lime
3721-3739	Sand
3739-3747	Lime
3747-3763	Sand and lime streaks
3763-3769	Lime
3769-3809	Sand
3809-3812	Lime
3812-3821	Lime
3821-3840	Sand
3840-3850	Lime (7)
3850-3853	(8)
3850-3858	Lime
3858-3867	Lime and sand streaks
3867-3877	Lime, hard
3877-3933	Lime, sandy; Shale streaks.
3933-3998	Lime, sandy; Shale streaks.

NOTES:

(1)	19'	Set 30' of 16" conductor pipe
(2)	122'	From 30' to 114' 13 3/8" hole
		From 114' to 122' 7 5/8" hole
(3)	428'	Reduced hole from 9 7/8" to 7 7/8" at 368'
(4)	511'	Reamed hole to 9 7/8" from 368' to 500'
(4-a)	511'	Set 500' 2" of 8" casing
(5)	530'	Rigged up flow line and put on blowout preventor.
(6)	2885'	Set 103' 6" o.d. and 6 5/8" casing
(7)	3850'	Shlumberger test
(8)	3853'	Completed entire rereaming and set 7" casing on bottom at 385'
(9)	3468'	Cored
(10)	3472'	Cored
(11)	3480'	Cored

OTHER GEOPHYSICAL LOGS AVAILABLE -

ELECTRIC

WELL NAME -

FLORIDA OIL DEVELOPMENT CO., PUTNAM LUMBER CO., E.L. STONER,

WELL NAME -

DRILLING SUPT.

REMARKS -

DESCRIBED BY CHIH SHAN CHEN, 1963

0 - 20

STRATIGRAPHIC FORMATIONS -

20.0 -	150.0	OCALA GROUP
150.0 -	450.0	AVON PARK LIMESTONE
450.0 -	1150.0	LAKE CITY LIMESTONE
1150.0 -	1560.0	OLDSMAR LIMESTONE
1560.0 -	1905.0	CEDAR KEYS LIMESTONE
1905.0 -	2555.0	LAWSON LIMESTONE

\*\*\* END OF DATA \*\*\*