

VIB-5

P7

COMPANY : ~~Pure Oil Co.~~
 WELL : ~~Neal Lumber Co.~~
 LOCATION : NW Sec 33, T2S, R8W

COUNTY : Liberty
 ELEVATION : D. F. 68'
 DEPTH : 4502'
 COMPLETED : 2/20/46

REMARKS : No sample at 280-900' etc.
 Electric Log Available

(Chen 1963)

0	750	OLIGOCENE AND YOUNGER
750	1110	OCALA GROUP
1110	2150	CLAIBORNE GROUP
2150	2457	WILCOX GROUP
2457	2795	MIDWAY GROUP
2795		UPPER CRETACEOUS (TAYLOR)
0	750	OLIGOCENE AND YOUNGER
750	1050	Highly fossiliferous Limestone, fragmental to microcoquina, Biosparite, light brown, rather clean and pure, microcrystalline large forams rather common (Lepidocyclina, Operculinoides, etc. Bryozoa fragments also present
1050	1110	CALCAREOUS (20%) DOLOMITE, fine crystalline, proous and soft, brown to dark brown, few white typtsum fragments, (the DOLOMITE may be slightly gypsiferous at 1090'-1100')
1110	1190	Fossiliferous (fragments) Limestone, finely fragmental (c 0.5mm) rather dense and well cemented, but soft, light brown to brown, no well preserved fossils. The Limestone is composed entirely of fine fossil fragments
1190	1197	CALCAREOUS (10%) SHALE, dark gray, laminated.
1197	1225	CHERTY (10%) fossiliferous Limestone, finely fragmental, Biosparite, rather well cemented, light brown to brown, dark brown chert fragments. Almost no well preserved fossils

1225	1255	Fossiliferous (fragments) Limestone as above, slightly cherty
1255	1440	LIMESTONE, very finely fragmental, rather dense, light gray-brown to gray brown, few carbonaceous material
1440	1470	CALCAREOUS (30%) Shale, dark gray brown
1470	1590	Fossiliferous Limestone, rather dense, light gray brown, small forams
1590	1720	ARGILLACEOUS (20%) LIMESTONE, dark gray to gray brown, small forams
1720	1770	ARGILLACEOUS (30%) LIMESTONE, gray brown few small forams
1770	2150	LIMESTONE, chalky like, light gray brown, small forams, (glaucinitic fossiliferous Limestone may occur at 2035'-2150')
2150	2265	GLAUCONITIC Sandy (20%) LIMESTONE
2265	2290	ARGILLACEOUS (20%) LIMESTONE, gray brown
2290	2340	GLAUCONITIC SANDY (20% of Quartz Sands) LIMESTONE, gray brown, rather dense
2340	2405	As above
2405	2457	GLAUCONITIC (10%) CALCAREOUS (10%) Sandstone, gray-brown medium grained
2457	2490	CALCAREOUS (10%) SHALE, dark gray brown, laminated
2490	2515	ARGILLACEOUS (20%) LIMESTONE, light gray-brown, chalky like with small forams
2515	2560	CALCAREOUS (10%) Shale, as above
2560	2585	ARGILLACEOUS (20%) fossiliferous Limestone, small forams
2585	2615	CALCAREOUS (10%) SHALE, laminated, green-gray to dark gray-brown
2615	2630	Fossiliferous Limestone, light gray with forams
2630	2655	CALCAREOUS (10%) SHALE, as above

1630
1548
82

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| 2655 | 2675 | Fossiliferous Limestone, as above |
| 2675 | 2795 | CALCAREOUS (10%) SHALE, dark green-gray to dark gray, laminated |
| 2795 | 2810 | Fossiliferous Chalky LIMESTONE, light gray to chalky |
| 2810 | 2855 | CALCAREOUS (10%) SHALE, laminated, dark gray with mottled shale fragments and rather compact. No ceramic prisms present |
| 2855 | 3090 | As above, (It may be a chalky, Argillaceous Limestone) |

W-1106
(Driller's Log)

Permit #7
 OWNER : The Pure Oil Company
 FARM NAME : Neal Lumber & Manufacturing Co.,
 Well No. 1
 LOCATION : 75' North and 25' West of SE corner
 of W $\frac{1}{2}$ of NW $\frac{1}{4}$ of Sec. 33, T2S,
 R8W, 3 miles north of Orange.
 COUNTY : Liberty
 ELEVATION : 55.2' Gr.
 STARTED : February 1, 1946 Schl. from Riley'
 COMPLETED : February 20, 1946
 DEPTH : 4506'
 CASING : 42' of 20"; 94' of 13-3/8"; 170' of
 9-5/8" and 860' of 7"
 DRILLER : Company tools
 USE : Oil test (Dry hole)
 REMARKS : 120 samples, beginning with 12' and
 ranging to 4496', received by express
 from the Pure Oil Company on July
 13, 1946.
 Drillers log from 0 to 4506'
 Schlumberger from 861 to 4502'.

0-15	Floor space	2718-2742	Sandy shale and lime
15-51	Sand	2742-2762	Shale and lime with sticky streaks
51-106	Sand and gravel		
106-124	Sand and gravel	2762-2799	Shale with sandy shale streak
124-153	Sand with shale streaks	2799-2812	Sand
153-162	Shale	2812-2863	Shale and lime
162-210	Lime	2863-2890	Sandy shale
210-258	Lime with sandy streaks	2890-3245	Shale and lime
258-401	Broken lime	3245-3288	Shale with streaks sticky sha
401-900	Lime	3288-3672	Shale, lime sand and sandy shale
900-1045	Lime with sand streaks		
1045-1137	Lime and shale	3672-3680	Shale
1137-1934	Lime	3680-3725	Sand (Firm to hard)
1934-2140	Shale and lime	3725-3889	Sandy shale and hard shale
2140-2250	Sandy shale and sand	3889-3936	Broken foundation
2250-2292	Sandy shale and lime	3936-4278	Shale
2292-2454	Sandy shale with sand streaks	4278-4395	Sand
2454-2464	Hard shale	4395-4404	Sandy shale
2464-2556	Sticky shale and lime	4404-4410	Hard shale
2556-2564	Hard shale	4410-4446	Sand and shale
2564-2588	Sandy shale	4446-4455	Sand
2588-2617	Shale and lime	4455-4496	Sand and shale with streaks
2617-2637	Sandy shale with hard streaks		hard sand
2637-2657	Hard shale	4496-4506	Hard shale
2657-2677	Lime and shale	4506	Total depth
2677-2704	Hard shaly lime		
2704-2718	Shale and lime with sticky streaks		

FLORIDA BUREAU OF GEOLOGY - LITHO LOG PRINTOUT

W- 1106 (PERMIT NO-)
 LIBERTY CO. T2S R08W SEC 33CA N
 TOTAL DEPTH- 4502 FT. ELEV.- 55 FT. 120 SAMPLES- 12- 4496 FT.
 COMPLETED- 46.12.20

WELL NAME-
 OWNER - THE PURE OIL COMPANY DRILLER - SAME
 REMARKS-
 WORKED AND COUED BY W. SCHMIDT
 42 RED SANDS MICCOSU
 87 GRAY SANDS
 170 ECPHORA + FT. PRESTON
 280 CHIPOLA
 900 NO SAMPLES
 924 OCALA

LITHOLOGIC LOG
 W- 1106 . LIBERTY CO. T02S, R08W, SEC 33CA

12.0 NO SAMPLE,
 42.0 SAND, NO RD OR, 34 PERCENT POROSITY-INTERGRAN, SIZE-CRSE,
 RANGE- FINE-GRAV, ANGULAR, LOW SPH, NON-IND, 05 PCT.
 FE STAIN, 01 PCT. MICA, NO FOSSIL,
 87.0 SAND, V LT GY, 35 PERCENT POROSITY-INTERGRAN, SIZE- V C,
 RANGE- FINE-GRAV, ANGULAR, LOW SPH, NON-IND,
 115.0 SHELL BED, LT GY, 20 PERCENT POROSITY-INTERGRAN, POOR IND,
 10 PCT. MICRITE, 05 PCT. SAND(OTZ), MOLLUSKS, CORAL,
 ECHINOID,
 145.0 MICRITE, V LT GY, 15 PERCENT POROSITY-INTERGRAN, GRAINTYPE-
 MICRITE, BIOGENIC, RANGE- MICR-CRSE, MOD IND, MICRT GMT,
 10 PCT. SAND(OTZ), 01 PCT. CLAY, MOLLUSKS, CORAL,
 170.0 AS ABOVE,
 MANY SHELLS SHOW ROPINGS
 189.0 NO SAMPLE,
 220.0 MICRITE, WHITE, 15 PERCENT POROSITY-INTERGRAN, GRAINTYPE-
 MICRITE, PELLET, RANGE- MICR-FINE, MOD IND, MICRT GMT,
 01 PCT. PYRITE, 05 PCT. SAND(OTZ), CHALKY, ECHINOID,
 MOLLUSKS,
 250.0 MICRITE, WHITE, 15 PERCENT POROSITY-INTERGRAN, GRAINTYPE-
 MICRITE, PELLET, BIOGENIC, RANGE- MICR-FINE, MOD IND,
 MICRT GMT, 05 PCT. SAND(OTZ), 01 PCT. PHOS SAND, CHALKY,
 FORAMINIF, OSTRACODS, MOLLUSKS, ECHINOID,
 280.0 AS ABOVE,
 SORITES
 900.0 NO SAMPLE,
 924.0 OCALA
 LAST SAMPLE WORKED
 45.2.0 TD

*** END OF DATA ***