

P48

OWNER: Pure Oil Company
 FARM NAME: E. L. McMillan #1
 LOCATION: SW/4 of SW/4, Sec. 25, T4S, R11W, about 6 mi. west of Wewahitchka
 COUNTY: Gulf
 ELEVATION: 34.64 Grd. 48.6' DF
 STARTED: January 14, 1947
 COMPLETED: January 31, 1947
 CASING: 13-3/8" at 103' w/100 sks; 9-5/8" at 260' w/100 sks.
 DEPTH: 5069'
 DRILLER: Pure Oil Company
 USE: Test for oil
 REMARKS: 165 samples, from 47' to 5069', received by express prepaid from Pure Oil Company, March 15, 1947.

0-15	Top of rotary to bottom of cellar
15-107	Surface sand, clay and gravel
107-110	Surface clay and sandy gravel
110-255	Sand
255-263	Hard lime ✓
263-351	Hard lime
351-563	Sandy lime
563-1143	Sandy lime with hard streaks
1143-1162	Lime with streaks shale
1162-1211	Sticky shale and lime
1211-2452	Lime
2452-2504	Lime with streaks shale
2504-2587	Sandy lime
2587-2765	Sandy lime w/hard streaks
2765-2840	Sandy shale and lime
2840-2989	Sticky shale
2989-3010	Chalky lime
3285-3310	Sandy shale
3310-3418	Shale and lime
3418-3778	Shale and sandy shale and lime
3778-4164	Shale, lime and sand
4164-4177	Hard shale
4177-4288	Shale with streaks sand
4288-4309	Shale and lime
4309-4314	Sand
4314-4412	Shale and lime
4412-4450	Sandy shale
4450-4460	Sandy shale
4460-4677	Hard shale
4677-4751	Hard shale
4751-4805	Shale & sandy shale w/sand strks
4805-4869	Hard shale
4869-4894	Sand
4894-4918	Sand with shale streaks
4918-4930	Sand
4930-4945	Shale
4945-4948	Sand
4948-4957	Sandy shale
4957-5059	Sandy shale with streaks hard shale
5059-5069	Sandy shale with hard shale
5069	TOTAL DEPTH

COMPANY : Pure Oil Co.
 WELL : E. L. McMillan
 LOCATION : Sec. 25, T4S, R11W

COUNTY : Gulf
 ELEVATION : 48 DF
 DEPTH : 5069'
 COMPLETED : 1-20-47

REMARKS : Samples complete, Electric
 Log available

CHEN 1963

0 995 OLIGOCENE AND YOUNGER

995 1365 Ocala GROUP

1365 1790 CLAIBORNE GROUP (AVON PARK LIMESTONE)

1790 2205 Claiborne GROUP (LAKE CITY LIMESTONE)

2205 2805 WILCOX GROUP

2805 3120 MIDWAY GROUP

3210 UPPER CRETACEOUS (NAVARRO)

0 825 OLIGOCENE and Younger

825 995 Fossiliferous LIMESTONE, fragmental and porous, light gray-brown, slightly gypsiferous (streaks and fragments of fossils not common)

995 1020 Fossiliferous (fragments) LIMESTONE, fine fragmental, rather dense, well cemented, light brown, large forams as *Lepidocyclina*

1020 1150 Highly fossiliferous LIMESTONE, finely fragmental, microcrystalline, rather well cemented, large forams rather common

1150 1230 Calcareous (20%) SHALE, dark gray-brown, laminated

1230 1235 Fossiliferous LIMESTONE, fragmental, microcrystalline, rather well cemented, light gray brown, large forams (calcareous Shale beds may interbed with limestone)

1235	1245	SHALE, green gray to dark gray, laminated
1245	1250	Fossiliferous LIMESTONE, as above
1250	1295	SHALE, as above
1295	1	Highly fossiliferous LIMESTONE, light brown, fragmental, microcrystalline, large forams rather common
1295	1360	Highly fossiliferous LIMESTONE, fragmental and microcoquina, light brown, large forams, Lepidocyclina, Operculinoides, etc.
1360	1365	Highly fossiliferous LIMESTONE, finely fragmental(except large forams)
1365	1410	Fossiliferous LIMESTONE, very fine fragmental, rather well cemented, light gray brown, well preserved fossils rare
1410	1470	As above, few dark gray brown chert fragments
1470	1580	Fossiliferous LIMESTONE, very fine, fragmental, rather well cemented, very light brown to light gray brown. The limestone is composed entirely of very fine fossil fragments
1580	1587	Argillaceous (10%) LIMESTONE, gray brown
1587	1605	LIMESTONE, rather dense, light gray-brown
1605	1615	Argillaceous (10%) LIMESTONE, as above
1615	1790	LIMESTONE rather dense, light gray brown, the Limestone may be very finely fragmental and fossiliferous (fragments)
1790	1820	Calcareous (30%) SHALE, dark gray brown
1820	1880	Argillaceous (10%) LIMESTONE, rather dense, dark gray brown
1880	1930	LIMESTONE, light gray brown, chalk-like
1930	1998	Argillaceous (10%) LIMESTONE, dense, chalk-like, lt. gray brown
1998	2033	Calcareous (20%) SHALE, laminated, dark gray brown
2033	2075	Argillaceous (10%) LIMESTONE, as above
2075	2095	Calcareous (20%) SHALE, as above
2095	2205	Argillaceous (10%) LIMESTONE, as above

2205	2315	LIMESTONE, very light brown to chalky white, chalk-like, foram
2315	2385	LIMESTONE, light gray brown, rather dense and chalk-like, with chert fragments
2385	2405	Argillaceous (10%) LIMESTONE, light gray brown
2405	2430	Calcareous (10%) SHALE, dark green-gray, laminated
2430	2460	Argillaceous (10%) LIMESTONE, light gray brown
2460	2505	LIMESTONE, rather dense, light gray brown
2505	2515	Glauconitic LIMESTONE, rather dense, light gray brown
2515	2540	LIMESTONE, dense, microcrystalline, rather hard, light gray-brown, very slightly sandy
2540	2560	Argillaceous (20%) LIMESTONE, dark gray, dense
2560	2660	Glauconitic and Sandy (20% of quartz sands and glauconite) LIMESTONE, very light gray brown, rather dense, very slightly micaceous
2660	2720	Calcareous (30%) SHALE, dark gray, laminated, rather compact
2720	2725	Glauconitic, calcareous (10%) SANDSTONE, med. grained
2725	2745	Glauconitic and Sandy (10% of quartz Sands, glauconite and milky-white chert) LIMESTONE, rather dense, light graybrown to gray brown
2745	2860	Calcareous (10%) SHALE, rather compact and hard, dark brown to dark gray, laminated, not good shale fragments
2860	2975	Calcareous (10%) SHALE, laminated, green-gray to dark gray, slightly micaceous
2975	2995	SHALE, dark gray, laminated, compact, slightly calcareous
2995	3015	Fossiliferous (small forams) chalky LIMESTONE, forams common
3015	3020	Calcareous (10%) SHALE, dark gray, laminated
3020	3120	Calcareous (10%) SHALE, dark gray, laminated
3120	3167	Chalky, fossiliferous LIMESTONE, small forams
3167	3215	Calcareous (10%) SHALE, dark gray, laminated
3215	3348	Chalky, fossiliferous LIMESTONE or chalk, laminated, forams
3348	3735	Calcareous (10%) SHALE, green gray, laminated

FLORIDA BUREAU OF GEOLOGY - LITHO LOG PRINTOUT

W- 1468

GULF CO. T 4S R11W SEC 25 30 06 21 N 85 17 46 W
TOTAL DEPTH- 5069 FT. ELEV. - 35 FT. SAMPLES-
COMPLETED- 47. 1.20 DEPTH WORKED 3735 FT.

OTHER GEOPHYSICAL LOGS AVAILABLE -

ELECTRIC

WELL NAME-

PURE OIL CO., E.L. MCMILLAN, PURE OIL CO.

REMARKS-

DESCRIBED BY CHIH SHAN CHEN, 1963

0.0- 995.0

STRATIGRAPHIC FORMATIONS -

995.0- 1365.0 OCALA GROUP
1365.0- 1790.0 AVON PARK LIMESTONE
1790.0- 2205.0 LAKE CITY LIMESTONE
2205.0- 2885.0 WILCOX
2885.0- 3120.0 MIDWAY FORMATION
3120.0- 3121.0 NAVARRO GROUP
BOTTOM OF THE NAVARRO GROUP FORMATION UNSPECIFIED

*** END OF DATA ***