

P261

W-4347

C. W. Hendry, Jr. 9/25/57

SUBJECT: : Southeastern Exploration Drilling Co.
 FARM NAME : #1 C. A. Hobbs & Ray Gillis
 : C NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T6N, R17W, 2 $\frac{1}{2}$
 : mi. NE of Dady
 COUNTY : Holmes
 CONTRACTOR : Sunnyland Contracting Co.
 ELEVATION : 159' Df. 150' Grd.
 STARTED : April 4, 1957
 COMPLETED : April 20, 1957
 DEPTH : 8515' Drlr. 8581' Sch*
 CASING : 9-5/8" @ 574' with 250 sks.
 USE : Test for oil
 REMARKS : 302 samples brought in person by W.
 : Roberts Aug. 27, 1957. Schlumberger
 : 580-8518'. Driller's log 0-8515'

POST OLIGOCENE

0-30 SAND, light brown, fine to coarse in clay matrix; some worn stone pebbles.
 30-60 As above, with granular size quartz.
 60-90 As above, with trace lavender clay.
 90-120 As above, with scattered muscovite mica and light cream waxy clay.
 120-180 As above.
 180-210 No samples.
 210-240 SANDSTONE, tan, calcareous, hard, trace heavy mineral.
 240-270 As above, with siltstone, tan, calcareous, soft.
 270-300 As above.
 300-330 As above, becoming gray in color.

OLIGOCENE

330-360 As above; limestone, gray, sandy crystalline, hard; limestone cream, sandy, glauconitic, fossiliferous. Operculinas
 360-390 LIMESTONE, gray to cream, sandy, glauconitic, fossiliferous, slightly clayey, hard, crystalline.
 390-480 As above.
 480-510 As above, with limestone, white, crystalline, sandy, very glauconitic, micaceous, marly.
 510-540 As above.
 540-570 As above, becoming more sandy and less calcareous.
 570-600 As above, with pyrite.
 600-620 SAND, clear, finely glauconitic, loose.
 620-650 MARL, cream, sandy, micaceous, glauconitic.
 650-680 As above, becoming gray in color.

680-710	CLAY, gray, micaceous, silty to finely sandy, slightly calcareous, glauconitic.
710-740	As above, becoming more calcareous and containing pyrite.
740-770	As above, lighter in color and more sandy.
770-800	As above, MARL, light cream, sandy, glauconitic.
800-830	No samples.
830-860	Clay as above, fissile.
860-890	As above, 770-800'. Shell fragments.
890-980	As above.
980-1010	As above; CLAY, light gray to brown, sandy, micaceous, slightly calcareous, slightly glauconitic, soft, fissile (shale).
1010-1340	As above.

EOCENE and PALEOCENE

1340-1370	As above; fragments of limestone, brown, finely crystalline, glauconitic, sandy; Limestone, light cream, sandy, glauconitic, fossiliferous, finely crystalline, dense, and light apple green loose grains of glauconite. <u>Lepidocyclinas</u> .
1370-1400	As above. <u>Pseudophragmina</u> .
1400-1430	As above.
1430-1460	As above, but more granular and less glauconitic. <u>Nodosaria</u> , <u>Gypsina globula</u> .
1460-1490	As above, becoming marly, gray, finely silty.
1490-1520	LIMESTONE, cream, hard, finely crystalline.
1520-1550	(Shale) CLAY, gray to brown, fissile, silty, very micaceous, slightly calcareous.
1550-1580	SHALE, light gray, silty, very micaceous.
1580-1610	As above, with very sandy, micaceous, calcareous fragments. Many <u>Nodosaria</u> .
1610-1640	As above.
1640-1670	SAND, light gray in calcareous matrix, clayey.
1670-1700	As above.
1700-1730	As above, with sand becoming coarse, subangular to subrounded. Clear.
1730-1760	SAND as above.
1760-1790	MARL, sandy, soft, gray to cream, slightly micaceous and glauconitic.
1790-1820	As above.
1820-2030	As above.

UPPER CRETACEOUS (Very poor samples)

2030-2060	As above; LIMESTONE, cream, soft, sandy, finely crystalline. Fossiliferous. <u>Globotruncana</u> sp.
2060-2090	As above, becoming light gray and marly.
2090-2330	As above.

2330-2360	As above; CHALK, white to light gray, soft, silty (2030).
2360-2390	As above.
2390-2420	As above, light gray.
2420-2510	As above.
2510-2540	As above with abundant medium to coarse quartz sand grains (2320-2330).
2540-2822	As above.
2822-2840	As above, light to medium gray. Very abundant <u>Inoceramus</u> prisms.
2840-2870	As above, slightly harder.
2870-2900	As above.
2900-2930	As above, shale, gray, very calcareous, silty.
2930-3050	As above.
3050-3080	As above,
3080-3110	As above, medium to dark gray shale, very calcareous, silty with light or chalk fragments.
3110-3140	As above.
3140-3170	As above, light gray, medium.
3170-3230	Sand, fine to medium, subangular, glauconitic in white calcareous micaceous matrix. Abundant <u>Ostrea</u> fragments.
3230-3580	As above.
3580-3650	As above, but more marly.
3650-3680	SAND, very fine to medium, very micaceous (muscovite and biotite), glauconitic.
3680-3710	Marly as above.
3710-3890	SHALE, dark gray, micaceous, soft, slightly silty, very slightly calcareous.
3890-3920	As above; SAND, red to brown, fine-grained, micaceous, glauconitic.
3920-3950	SAND, light gray, medium gray, calcareous matrix, glauconitic, micaceous, some coarse grains.
3950-4010	As above, increase in coarse grains.
4010-4100	As above, increase in coarse grains.
4100-4130	SAND, fine to medium, cream, calcareous matrix, micaceous, glauconitic, soft; MARL, dirty cream, fine to medium, sandy, glauconitic, soft; SAND, coarse, subangular to subrounded, clear to frosted, loose; SHALE, light gray, soft, micaceous, slightly silty; SILTSTONE, very light cream, hard, slightly calcareous.
4130-4310	SHALE, dark gray, soft, micaceous, very slightly calcareous.
4310-4400	SAND, coarse to very coarse, subangular, loose, clear to frosted. As above, ranging from medium to very coarse grained.

LOWER CRETACEOUS

4400-4580	As above; coarse sand in gray-green matrix; deep red staining on some shale flakes and sand grains.
4580-4610	SAND, white, very fine to fine with some medium grains, subangular, slightly frosted; red staining as above on some clusters of sand.

4610-4640	No samples.
4640-4700	As above.
4700-4730	As above, with deep red to moderately brown colored silty shale.
4730-4880	As above.
4880-4910	No samples.
4910-4970	As above.

SAMPLE TOPS - 0-355'	Post Oligocene
355-1350'	Oligocene
1350-2030'	Eocene and Paleocene
2030-4400'	Upper Cretaceous
	Marine Tuscaloosa 3680-3890'
	Lower Tuscaloosa 3890-4400'
4400-4970'	Lower Cretaceous

First non-calcareous dark gray shale at 5870'.

Interbedded sands, sandstone, shales, limestone and mixtures thereof between 4100-8500. By not having standard section for the Lower Cretaceous in this area, was unable to determine proper lithologic sequence from samples.

W-4347
(Driller's log)

PERMIT NO. : 261
OWNER : Southeastern Exploration Drilling Company
FARM NAME : #1 C. A. Hobbs & Ray Gillis
LOCATION : C NE $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 18, T6N, R17W, 2 $\frac{1}{2}$ mi NE of
Dady.
COUNTY : Holmes
CONTRACTOR : Sunnyland Contracting Company
ELEVATION : 159' Df.; 150' Grd.
STARTED : April 4, 1957
COMPLETED : April 29, 1957
DEPTH : Schl. 8581'; Driller's depth, 8515'.
CASING : 9 5/8" @ 574'; with 250 Sks.
USE : Test for oil.
REMARKS : 302 samples brought in person by W. Roberts,
Aug. 27, 1957.
SCHL : 580-8518'

0-425	Shale
425-1556	Shale and sand
1556-1920	Lime, shale and sand
1920-3070	Shale and chalk
3070-3482	Chalk, sand and shale
3482-6545	Sand and shale
6545-6661	Shale
6661-8515	Sand and shale

"T. D. - 8515"

FLORIDA BUREAU OF GEOLOGY - LITHO LOG PRINTOUT

W- 4347 (PERMIT NO-)
 HOLMES CO. T 6N R17W SEC 1880 N
 TOTAL DEPTH- 8480 FT. ELEV.- 159 FT. 302 SAMPLES- W
 COMPLETED- 57.04.20 0- 8480 FT.

WELL NAME-
 SUNNYLANE CONT. CO. SCUTHEASTERN EXPLORATION DRILLING CO.
 REMARKS-
 WORKED AND CODED BY CURTIS J. CCE
 0-210 UNCONSOLIDATED SAND
 210-330 CRYSTALLINE LIMESTONE UNFOSSILIFEROUS - OCALA GROUP >
 330- LISBON FM >

LITHOLOGIC LOG
 W- 4347 . HOLMES CO. T 6N, R17W, SEC 1880

0.0 SAND , V LT OR, 32 PERCENT POROSITY-INTERGRAN, SIZE- MED,
 RANGE- CRSE-FINE, ANGULAR, SUB-ANG, MED SPH, NON-IND,
 05 PCT. CLAY, 01 PCT. LIMONITE,
 30.0 SAND , V LT OR, 30 PERCENT POROSITY-INTERGRAN, SIZE-FINE,
 RANGE- CRSE- V F, ANGULAR, SUB-ANG, MED SPH, NON-IND,
 CLAY CMT, 05 PCT. CLAY, 02 PCT. LIMONITE, 01 PCT.
 HEAVY MIN,
 60.0 SAND , V LT OR, 30 PERCENT POROSITY-INTERGRAN, SIZE- MED,
 RANGE- CRSE- V F, ANGULAR, SUB-ANG, MED SPH, NON-IND,
 CLAY CMT, IRCN CMT, 07 PCT. CLAY, 01 PCT. LIMONITE,
 90.0 SAND , V LT OR, 31 PERCENT POROSITY-INTERGRAN, SIZE- MED,
 RANGE- CRSE- V F, ANGULAR, SUB-ANG, MED SPH, NON-IND,
 CLAY CMT, IRCN CMT, 05 PCT. CLAY, 02 PCT. LIMONITE,
 120.0 AS ABOVE ,
 150.0 SAND , V LT OR, 29 PERCENT POROSITY-INTERGRAN, SIZE- V F,
 RANGE- MED- V F, ANGULAR, SUB-ANG, MED SPH, NON-IND,
 CLAY CMT, 05 PCT. GLAUCONTE, 02 PCT. CHERT, 01 PCT.
 LIMONITE,
 180.0 NO SAMPLE ,
 210.0 LIMESTONE, V LT OR, 05 PERCENT POROSITY- LOW PERM, GRAINTYPE-
 MICRITE, CRYSTAL, GOOD IND, 07 PCT. SAND(QTZ), NO FOSSIL,
 240.0 AS ABOVE ,
 270.0 AS ABOVE ,
 300.0 AS ABOVE ,
 330.0 LIMESTONE, LT GY, V LT OR, 10 PERCENT POROSITY- LOW PERM,
 INTERGRAN, GRAINTYPE- MICRITE, CRYSTAL, SKELETAL, MOD IND,
 01 PCT. LIMONITE, 20 PCT. SAND(QTZ), FORAMINIF,
 OPERCULIROIDS SP>
 360.0 LIMESTONE, LT GY, V LT OR, 15 PERCENT POROSITY-INTERGRAN,
 GRAINTYPE- MICRITE, CRYSTAL, SKELETAL, MOD IND, 01 PCT.
 LIMONITE, 20 PCT. SAND(QTZ), MOLLUSKS, SHARK TTH, FORAMINIF,
 390.0 LIMESTONE, LT GY, 15 PERCENT POROSITY-INTERGRAN, GRAINTYPE-
 MICRITE, CRYSTAL, SKELETAL, MOD IND, 20 PCT. SAND(QTZ),
 FORAMINIF, MOLLUSKS ,
 420.0 LIMESTONE, LT GN YL, 15 PERCENT POROSITY-INTERGRAN, GRAINTYPE-
 MICRITE, CRYSTAL, SKELETAL, MOD IND, 10 PCT. SAND(QTZ),
 FORAMINIF, ECHINOID ,
 450.0 LIMESTONE, LT GN YL, LT GY, 20 PERCENT POROSITY-INTERGRAN,
 GRAINTYPE- MICRITE, CRYSTAL, SKELETAL, MOD IND, 01 PCT.
 GLAUCONTE, 20 PCT. SAND(QTZ), FORAMINIF, ECHINOID ,
 480.0 LIMESTONE, LT GN YL, 20 PERCENT POROSITY-INTERGRAN, GRAINTYPE-
 MICRITE, CRYSTAL, SKELETAL, MOD IND, 01 PCT. PYRITE,
 01 PCT. GLAUCONTE, 20 PCT. SAND(QTZ), FORAMINIF, ECHINOID ,
 510.0 LIMESTONE, LT GN YL, 22 PERCENT POROSITY-INTERGRAN, GRAINTYPE-
 MICRITE, CRYSTAL, SKELETAL, MOD IND, 02 PCT. GLAUCONTE,
 02 PCT. SAND(QTZ), 01 PCT. LIMONITE, ECHINOID, MOLLUSKS ,
 540.0 LIMESTONE, LT GN YL, 22 PERCENT POROSITY-INTERGRAN, GRAINTYPE-
 MICRITE, CRYSTAL, SKELETAL, MOD IND, 02 PCT. GLAUCONTE,
 ECHINOID, MOLLUSKS, FORAMINIF,
 570.0 AS ABOVE ,
 600.0 SAND , SIZE-FINE, RANGE- FINE- V F, ANGULAR, SUB-ANG,
 MED SPH, NON-IND, 03 PCT. GLAUCONTE,
 LAST SAMPLES WORKED TOTAL DEPTH 8480 FT.

*** END OF DATA ***