

P37

W-1455
(Driller's Log)

OWNER: The Pure Oil Company
FARM NAME: Pick Hollinger et al No. 1 (Permit No. 37)
LOCATION: 4052' W and 2150' S from NE/cor. of Sec. 12, T9S, R11W, 10 miles southeast of Port St. Joe, Florida
COUNTY: Gulf
ELEVATION: 4.76'
STARTED: October 16, 1946
COMPLETED: November 11, 1946
CASING: 13-3/8" at 102' w/93 sks; 9-5/8" at 443' w/140 sks.
DEPTH: 5656'
DRILLER: Company Tools
USE: Test for Oil
REMARKS: 185 samples, from 50 to 5616', sent in by J. L. Nicholson, Div., Paleontologist, Pure Oil Co., received by express collect on January 23, 1947.

0-15	Bottom of cellar	4040-4076	Sandy lime
15-20	Sand	4076-4531	Shale and lime
50-75	Sand	4531-4597	Sandy shale and lime
75-109	Sand and shells	4597-4697	Shale and lime w/soft streaks
109-199	Sand	4697-4751	Hard lime
199-202	Hard sandy lime	4751-4853	Shale and lime
202-256	Sandy shale and lime	4853-4867	Hard brittle shale
256-345	Sandy lime	4867-4907	Hard shale
345-446	Sandy shale and strks sand	4907-4931	Hard shale
446-447	Sandy shale and strks sand	4931-4939	Brittle shale
447-456	Lime	4939-5158	Hard shale
456-1442	Lime	5158-5195	Shale w/streaks of sandy shale
1442-2009	Lime with hard streaks	5195-5197	Shale w/sandy shale streaks
2009-2049	Sandy lime	5197-5209	Sandy shale and sand
2049-2125	Sticky lime	5209-5312	Hard shale
2125-2516	Lime with shale streaks	5312-5322	Sandy shale w/strks of hard shale
2516-2594	Chalky lime	5322-5429	Hard shale
2594-2824	Sticky lime	5429-5565	Shale and sand
2824-2877	Sand and lime	5565-5656	Shale, sandy shale and sand
2877-2913	Sticky lime and shale strks	5656	TOTAL DEPTH
2913-2985	Sand and lime		
2985-3057	Firm sand w/strks of hard lime		
3057-3150	Sandy lime w/strks of chert		
3150-3166	Hard shale and lime		
3166-3184	Hard sandy lime		
3184-3194	Hard shale w/sticky streaks		
3194-3258	Hard shale w/strks hard lime		
3258-3318	Hard shale w/strks hard lime		
3318-3330	Sandy shale w/sand streaks		
3330-3356	Hard shale and lime		
3356-3406	Hard shale and lime		
3406-3426	Sandy shale		
3426-3524	Hard shale and lime		
3524-3546	Sandy shale and lime		
3546-3576	Sand		
3576-3605	Sandy shale and lime		
3605-3638	Shale and lime		
3638-3885	Shale and lime		
3885-3907	Sandy shale and lime		
3907-3964	Hard shale and lime		
3964-4040	Shale and lime strks sand		

WGL-9S-11W-12
W-1455
Chih Shan Chen

COMPANY : Pure Oil Company
WELL : Dick Hollinger
LOCATION : Sec. 12, T9S, R11W

COUNTY : Gulf
ELEVATION : 4.76 D. F.
DEPTH : 5655
COMPLETED : 11/11/46

REMARKS : Samples, complete, Electric
LOG available

CHEN 1963

0 1020 OLIGOCENE AND YOUNGER

1020 1550 OCALA GROUP

1550 1919 AVON PARK LIMESTONE]
CLAIBORNE GROUP

1919 2520 LAKE CITY LIMESTONE]

2520 3180 WILCOX GROUP

3180 3445 MIDWAY GROUP

3445 UPPER CRETACEOUS (NAVARRO)

0 930 OLIGOCENE AND YOUNGER

930 1005 Fossiliferous (fragments) LIMESTONE, fragmental, slightly
porous, light brown, rather pure and clean, forams not common

1005 1020 DOLOMITE, very fine crystalline, rather porous, slightly
gypsiferous with gypsum (or Selenite) fragments not uncommon

1020 1310 Highly fossiliferous fragmental LIMESTONE, fragmental to
microcoquina, rather porous, biosparite, rather pure and clean,
light brown, large forams and shell fragments, etc.

1310 1415 Highly fossiliferous (fragments, Bryozoa, algae, etc.,) LIME-
STONE, fragmental, microcrystalline, rather porous, light
brown to brown, Bryozoa, Algae, etc., rather common

1415 1470 Highly fossiliferous LIMESTONE, microcrystalline, finely
fragmental, rather dense, very light brown, large forams,
Algae fragments, etc., rather common

470	1457	Argillaceous (10%) LIMESTONE, light gray-brown
1457	1550	Highly fossiliferous (forams and fragments) LIMESTONE, fragmental to microcoquina, microcrystalline, brown, large forams common
1550	1565	Argillaceous (10%) LIMESTONE, gray brown
1565	1590	Fossiliferous (fine fragments) LIMESTONE, finely fragmental, rather well cemented, microcrystalline, light gray-brown to brown, well preserved fossils rare
1590	1600	Argillaceous (20%) LIMESTONE, gray brown
1600	1625	Fossiliferous (fine fragments) LIMESTONE, as above
1625	1640	Argillaceous (20%) LIMESTONE
1640	1658	Fossiliferous LIMESTONE, as above
1668	1680	Argillaceous (20%) LIMESTONE, as above
1680	1800	Fossiliferous LIMESTONE, finely fragmental, rather well-cemented, gray-brown, forams rare
1800	1918	Fossiliferous LIMESTONE, finely fragmental, well cemented, light brown, rather dense and pure, no well preserved fossils
1918	2055	LIMESTONE (fossiliferous?), very finely fragmental, rather dense, gray brown
2055	2060	Argillaceous (20%) LIMESTONE, dark gray brown
2060	2075	LIMESTONE, as above (1918-2055')
2075	2080	Argillaceous (20%) LIMESTONE, as above
2080	2090	LIMESTONE, as above
2090	2100	Argillaceous (20%) LIMESTONE
2100	2200	Argillaceous (10%) LIMESTONE, gray brown to dark gray brown, rather dense, relatively light content of organic material(?)
2200	2310	Argillaceous (10%) LIMESTONE, gray brown
2310	2360	Argillaceous (20%) LIMESTONE, gray brown, (marl like limestone)
2360	2385	Calcareous(20%) SHALE, dark gray, laminated

2385	2520	Argillaceous (10%) LIMESTONE, gray brown
2520	2615	LIMESTONE, very light gray to chalky, chalk-like, no good limestone fragments and small forams rare
2615	2720	LIMESTONE, light gray brown, chalk-like, slightly cherty, brown-black chert fragments
2720	2820	Argillaceous (10%) LIMESTONE, very light gray to chalky, chalky-white and chalk-like
2820	2885	LIMESTONE, light gray brown, chalk like
2885	2915	Argillaceous (20%) LIMESTONE
2915	2970	LIMESTONE, light gray brown, rather dense, slightly glauconitic and very finely fragmental,
2970	3015	Fossiliferous (fine fragments) cherty (10%) LIMESTONE, finely fragmental, light gray brown to gray brown, rather well cemented, slightly glauconitic, chert fragments present.
3015	3105	Glauconitic, Sandy (10% of quartz and glauconite pellets) fossiliferous LIMESTONE, finely fragmental, rather well cemented and microcrystalline, light gray brown to brown
3105	3135	Glauconite, Sandy (10%), cherty (10%) fossiliferous LIMESTONE as above
3135	3180	Glauconitic and Sandy (10% of Quartz (5%) and Glauconitic (5%)) fossiliferous (fragments) LIMESTONE, as above
3180	3255	Calcareous (10%) SHALE, laminated, dark green-gray to very dark gray, rather compact
3255	3385	Calcareous (10%) SHALE, as above but dark gray-brown to black
3385	3395	Fossiliferous LIMESTONE, lt. gray-brown, chalk like, small forams
3395	3405	Calcareous (10%) SHALE, green gray-dark gray, laminated
3405	3415	Fossiliferous LIMESTONE, as above
3415	3545	Calcareous (10%) SHALE, laminated, green-gray to dark brown
3545	3625	Chalky, fossiliferous LIMESTONE, small forams very common
3625	3690	Chalky, fossiliferous LIMESTONE
3690	3765	Calcareous (10%) SHALE, dark green gray, laminated, Ino. prism
3765	4100	Chalky fossiliferous LIMESTONE or Chalk, forams, Ino. prisms(

FLORIDA BUREAU OF GEOLOGY - LITHO LOG PRINTOUT

W- 1455 (PERMIT NO-)
 GULF CO. T 9S R11W SEC 12 N
 TOTAL DEPTH- 5655 FT. ELEV.- 5 FT. 185 SAMPLES- 50- 5616 FT.
 COMPLETED- 46.11.11

WELL NAME-
 PURE OIL CO. PICK HOLLINGER ET AL
 REMARKS-

LOGGED BY GEORGE M. OGDEN, JR.

8-20-76

SAMPLE QUALITY GOOD

NOTE, NO SAMPLES FROM 176 TO 456 FT.

50-176 CHOCTAWHATCHEE

176-456 NO SAMPLES

456-716 CHIPOLA

716-837 ST. MARKS

837-1049 SUWANNEE

1049-1139 OCALA GROUP

LITHOLOGIC LOG

W- 1455 . GULF CO. T 9S, R11W, SEC 12

87.0 SHELL BED, V LT OR, LT GY, NON-IND, 10 PCT. SAND(QTZ),
 MOLLUSKS;
 104.0 SAND, GY OR PK, V LT OR, SIZE-CRSE, RANGE- MED-CRSE,
 SUB-ANG, ANGULAR, MED SPH, POOR IND, CLAY CMT, 10 PCT.
 CLAY, MOLLUSKS;
 116.0 SHELL BED, V LT OR, LT GY, POOR IND, CLAY CMT, 10 PCT.
 SAND(QTZ), 10 PCT. CLAY, MOLLUSKS;
 146.0 SAND, GY OR PK, SIZE- V C, RANGE- MED- V C, SUB-ANG,
 ANGULAR, MED SPH, NON-IND, MOLLUSKS;
 176.0 SAND, GY OR PK, SIZE- V C, RANGE- MED- V C, SUB-ANG,
 ANGULAR, MED SPH, POOR IND, CLAY CMT, 20 PCT. CLAY,
 MOLLUSKS;
 C.G. ⁴⁵⁶ 474.0 NO SAMPLES FROM 176 TO 456
 CALCAREN, V LT GY, LT GY, 10 PERCENT POROSITY- MOLDIC,
 GRAINTYPE- BIOGENIC, MICRITE, 80 PCT. ALLOCHEMS, SIZE-CRSE,
 RANGE- CRYP-CRSE, MOD IND, MICRT CMT, FORAMINIF, MOLLUSKS;
 BRYOZOA,
 OPERCULINOIDES TUXPANENSIS(?) VERY MILIOLID.
 505.0 CALCAREN, V LT GY, LT GY, 10 PERCENT POROSITY- MOLDIC,
 GRAINTYPE- BIOGENIC, MICRITE, 80 PCT. ALLOCHEMS, SIZE-CRSE,
 RANGE- CRYP-CRSE, MOD IND, MICRT CMT, 01 PCT. SPAR,
 FORAMINIF, MOLLUSKS, ECHINOID;
 535.0 AS ABOVE;
 565.0 CALCAREN, V LT OR, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 80 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, FORAMINIF, ECHINOID, MOLLUSKS;
 595.0 AS ABOVE;
 625.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 80 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, FORAMINIF, MOLLUSKS;
 ABUNDANT OPERCULINOIDES TUXPANENSIS(?);
 655.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 80 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, FORAMINIF, MOLLUSKS, BRYOZOA,
 686.0 AS ABOVE;
 716.0 LIMESTONE, WHITE, 07 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, FORAMINIF, ECHINOID, BRYOZOA,
 BECOMING A CHALKY LIMESTONE.
 746.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 80 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, 01 PCT. GLAUCONTE, FORAMINIF,
 MOLLUSKS;
 776.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 80 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, 03 PCT. GLAUCONTE, 01 PCT.
 SAND(QTZ), FORAMINIF,

LITHOLOGIC LOG

W- 1455 .

GULF CO. T 9S, R11W, SEC 12

806.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 80 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, 01 PCT. GLAUCONTE, 01 PCT.
 SAND(QTZ), FORAMINIF, MOLLUSKS, BRYOZOA,

837.0 AS ABOVE

868.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 80 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, FORAMINIF, ECHINOID, MOLLUSKS,

899.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 80 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, FORAMINIF, MOLLUSKS,

929.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 70 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, FORAMINIF, ECHINOID,

959.0 DOLOSTONE, V LT GY, 10 PERCENT POROSITY- MOLDIC, 50-90 PCT.
 ALTERED, EUHEDRAL, SIZE-CRSE, RANGE- CRYP-CRSE, MOD IND,
 DOLOM CMT, 25 PCT. MICRITE, COQUINA, FORAMINIF,

990.0 AS ABOVE

1019.0 AS ABOVE
 SORITES

1049.0 SHELL BED, GY OR PK, MD LT GY, 10 PERCENT POROSITY- MOLDIC,
 MOD IND, DOLOM CMT, 10 PCT. MICRITE, COQUINA, FORAMINIF,

1079.0 DOLOSTONE, V LT OR, 07 PERCENT POROSITY- MOLDIC, 50-90 PCT.
 ALTERED, SUBHEDRAL, SIZE-CRSE, RANGE- CRYP-CRSE, MOD IND,
 DOLOM CMT, 25 PCT. MICRITE, COQUINA, FORAMINIF,

1109.0 DOLOSTONE, V LT OR, 10 PERCENT POROSITY- MOLDIC, 50-90 PCT.
 ALTERED, MOD IND, DOLOM CMT, 01 PCT. SPAR, 15 PCT.
 MICRITE, 01 PCT. GLAUCONTE, COQUINA, FORAMINIF, CORAL,
 MOLLUSKS,

1139.0 DOLOSTONE, V LT OR, 10 PERCENT POROSITY- MOLDIC, 50-90 PCT.
 ALTERED, SUBHEDRAL, SIZE-CRSE, RANGE- CRYP-CRSE, MOD IND,
 DOLOM CMT, 15 PCT. MICRITE, COQUINA, FORAMINIF, CORAL,
 LEPIDOCYCLINA OCAIANA, HETEROSTEGINA OCAIANA
 TERMINATED LOGGING, TO 5656

*** END OF DATA ***