

OWNER: The Pure Oil Company
FARM NAME: St. Joe Paper Company Well No. 1
LOCATION: 585' East of W line and 530' North of South Line of Section 10, T7S, R9W, about 12 miles NE of Port St. Joe
COUNTY: Gulf
ELEVATION: 7.0' Grd. 21.0 DF
STARTED: May 5, '45
COMPLETED: June 10, 1945
DEPTH: 5796'
CASING: 101' of 20"; 293' of 13-3/8" and 1513' of 9-5/8"
DRILLER: Company Tools
USE: Oil Test (Dry Hole)
REMARKS: 176 samples beginning with 1' and ranging to 5796' recd. from the Pure Oil Co. by expre

0-19	Rotary space	4840-4863	Sand and sandy shale	7-13-4
19-34	Surface sand and shale	4863-4869	Hard brittle shale	
34-105	Surface sand and shale	4869-4878	Sandy shale	
105-263	Sand and gravel	4878-4904	Brittle and sandy shale	
263-266	Hard shale	4904-4920	Sand and sandy shale	
266-289	Sand	4920-4946	Hard brittle shale	
289-709	Lime	4946-4971	Shale and lime	
709-1719	Lime with hard streaks	4971-4974	Hard shale	
1719-2013	Chalky lime	4974-4978	Sandy shale	
2013-2310	Lime with hard streaks	4978-4982	Sandy shale	
2310-2365	Sandy lime	4982-5007	Hard shale	
2365-2466	Lime with hard streaks	5007-5009	Sand	
2466-2535	Hard lime with strks sdy lime	5009-5013	Hard shale	
2535-2609	Sandy lime	5013-5034	Shale with streaks sand and lime	
2609-2696	Sandy shale and lime with streaks hard sand	5034-5040	Hard shale	
2696-2727	Sandy shale and lime with hard streaks	5040-5050	Brittle shale and lime streaks	
2727-2788	Hard lime	5050-5084	Hard shale	
2788-2946	Hard sandy lime with strks shale	5084-5089	Hard shale with streaks sand	
2946-3165	Hard shale and lime	5089-5095	Hard sandy lime	
3165-3170	Hard sandy lime	5095-5137	Hard shale	
3170-3196	Shale and lime	5137-5354	Broken formation - Hard shale, sand with streaks sandy shale, hard sandy lime with brittle shale.	
3196-3252	Hard shale and lime	5354-5369	Sandy shale	
3252-3310	Shale and lime	5369-5376	Hard shale	
3310-3557	Chalky lime	5376-5401	Sand	
3557-3411	Hard shale and lime	5401-5446	Hard shale with sandy streaks.	
3411-3510	Shale and lime	5446-5468	Firm sand	
3510-4121	Shale and lime	5468-5472	Hard sandy shale	
4121-4176	Soft shale and lime with streaks sand	5472-5475	Firm sand	
4176-4198	Sandy shale	5475-5484	Hard sandy shale	
4198-4335	Shale and lime	5484-5533	Firm sand	
4335-4367	Sand and sandy shale	5533-5561	Hard shale with brittle shale	
4367-4410	Brittle shale with hard streaks	5561-5576	Hard shale with streaks brittle sh	
4410-4450	Brittle shale with streaks sand	5576-5589	Hard shale w/strks hard sand	
4450-4501	Shale w/streaks sandy shale	5589-5598	Firm sand	
4501-4565	Hard shale	5598-5604	Hard sandy lime	
4565-4620	Hard shale and lime	5604-5645	Hard shale	
4620-4734	Hard brittle shale	5645-5653	Hard shale w/streaks hard sand	
4734-4840	Hard brittle shale	5653-5676	Hard shale	
		5676-5695	Sand with sandy shale	
		5695-5701	Hard shale	
		5701-5737	Sand and shale	

5737-5753	Hard shale
5753-5790	Sandy shale
5790-5796	Hard shale
5796	TOTAL DEPTH

FLORIDA BUREAU OF GEOLOGY - LITHO LOG PRINTOUT

W- 1098 (PERMIT NO-)
 GULF CO. T07S R.9W SEC 1000 N
 TOTAL DEPTH- 5796 FT. ELEV.- FT. 176 SAMPLES- 1- 5796 FT
 COMPLETED- . .

WELL NAME-
 PURE OIL COMPANY
 REMARKS-
 LOGGED BY GEORGE OGDEN
 9-22-76
 SAMPLE QUALITY FAIR
 LARGE SAMPLE INTERVALS

LITHOLOGIC LOG
 W- 1098 GULF CO. T07S, R.9W, SEC 1000

40.0 SAND, MD OR PK, DK YL OR, SIZE-CRSE, RANGE- MED-GRAN,
 SUB-ANG, ANGULAR, MED SPH, POOR IND, CLAY CMT, MICRT CMT,
 37 PCT. CLAY, 15 PCT. MICRITE, 10 PCT. LIMONITE,
 11 PCT. MICA,
 70.0 SAND, V LT GY, DK YL OR, SIZE-CRSE, RANGE- MED-GRAN,
 SUB-ANG, ANGULAR, MED SPH, POOR IND, CLAY CMT, MICRT CMT,
 11 PCT. MICRITE, 15 PCT. CLAY, 10 PCT. LIMONITE,
 31 PCT. MICA,
 117.0 SAND, V LT GY, DK YL OR, SIZE- V C, RANGE- MED-GRAN,
 SUB-ANG, ANGULAR, MED SPH, NON-IND, 10 PCT. LIMONITE,
 75 PCT. FELDSPAR, 11 PCT. MICA,
 147.0 SAND, GY OR PK, DK YL OR, SIZE- V C, RANGE- MED-GRAN,
 SUB-ANG, ANGULAR, MED SPH, NON-IND, 10 PCT. LIMONITE,
 12 PCT. FELDSPAR,
 161.0 DOLOSTONE, LT GY, GY OR PK, 65 PERCENT POROSITY-INTERGRAN,
 50-90 PCT. ALTERED, ANHEDRAL, SIZE-MICR, RANGE- CRYP-MICR,
 MOD IND, DOLOM CMT, 35 PCT. HEAVY MIN, 30 PCT. SAND(QTZ),
 MOLLUSKS,
 175.0 CALCAREN, LT GY, 15 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 90 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, 25 PCT. DOLOMITE, 11 PCT.
 HEAVY MIN, 13 PCT. SAND(QTZ), DOLOMITIC, FORAMINIF, MOLLUSKS,
 SAND IS CAVINGS FROM ABOVE.
 205.0 CALCAREN, LT GY, 15 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 90 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, 25 PCT. DOLOMITE, 11 PCT.
 HEAVY MIN, 13 PCT. SAND(QTZ), DOLOMITIC, FORAMINIF, MOLLUSKS,
 235.0 CALCAREN, LT GY, 15 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 90 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, 25 PCT. DOLOMITE, 11 PCT.
 HEAVY MIN, DOLOMITIC, FORAMINIF, MOLLUSKS,
 295.0 AS ABOVE,
 324.0 CALCAREN, V LT GY, 15 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 90 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, 25 PCT. DOLOMITE, 11 PCT.
 HEAVY MIN, DOLOMITIC, FORAMINIF, MOLLUSKS, BRYOZOA,
 354.0 LIMESTONE, WHITE, YL GY, 10 PERCENT POROSITY- MOLDIC,
 GRAINTYPE- BIOGENIC, MICRITE, 73 PCT. ALLOCHEMS, SIZE-CRSE,
 RANGE- CRYP-CRSE, MOD IND, MICRT CMT, FORAMINIF, ECHINOID,
 BRYOZOA,
 THIS SAMPLE CONTAINS A SUBSTANCE THAT LOOKS LIKE SOLIDIFIED TAR.
 383.0 LIMESTONE, V LT OR, LT GY, 10 PERCENT POROSITY- MOLDIC,
 GRAINTYPE- BIOGENIC, MICRITE, 73 PCT. ALLOCHEMS, SIZE-CRSE,
 RANGE- CRYP-CRSE, MOD IND, MICRT CMT, 40 PCT. DOLOMITE,
 DOLOMITIC, FORAMINIF, MOLLUSKS, ECHINOID, CORAL,
 413.0 CALCAREN, V LT OR, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 90 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, POOR SAMP, FORAMINIF,
 447.0 CALCAREN, V LT OR, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 90 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, POOR SAMP, FORAMINIF,
 ARCHAIAS,
 472.0 CALCAREN, YL GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
 BIOGENIC, MICRITE, 90 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
 CRYP-CRSE, MOD IND, MICRT CMT, POOR SAMP, FORAMINIF, MOLLUSKS,

LITHOLOGIC LOG
W- 1998

GULF CO. TDS, R 94, SEC 1700

501.0 CALCAREN, YL GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
BIOGENIC, MICRITE, 90 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, 1 PCT. GLAUCONTE, POOR SAMP,
FORAMINIF,
538.0 AS ABOVE,
560.0 AS ABOVE,
590.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
BIOGENIC, MICRITE, 90 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, FORAMINIF,
620.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
BIOGENIC, MICRITE, 90 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, 11 PCT. GLAUCONTE, FORAMINIF,
BRYOZOA,
ARCHAIA,
642.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
BIOGENIC, MICRITE, 90 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, FORAMINIF, MOLLUSKS,
679.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
BIOGENIC, MICRITE, 90 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, FORAMINIF,
709.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
BIOGENIC, MICRITE, 70 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, FORAMINIF, MOLLUSKS,
POTECULINA, PROTEUS,
739.0 CALCAREN, V LT GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
BIOGENIC, MICRITE, 70 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, FORAMINIF, MOLLUSKS,
SORITES,
769.0 CALCAREN, YL GY, DK YL OR, 10 PERCENT POROSITY- MOLDIC,
GRAINTYPE- BIOGENIC, MICRITE, 70 PCT. ALLOCHEMS, SIZE-CRSE,
RANGE- CRYP-CRSE, MOD IND, MICRI CMT, 20 PCT. DOLOMITE,
FE STAIN, DOLOMITIC, FORAMINIF, MOLLUSKS,
799.0 LIMESTONE, YL GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, 10 PCT. DOLOMITE, NO RECRY,
DOLOMITIC, FORAMINIF,
829.0 LIMESTONE, YL GY, DK YL OR, 10 PERCENT POROSITY- MOLDIC,
GRAINTYPE- BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE,
RANGE- CRYP-CRSE, MOD IND, MICRI CMT, 10 PCT. DOLOMITE,
FE STAIN, NO RECRY, DOLOMITIC, FORAMINIF, BRYOZOA,
859.0 LIMESTONE, YL GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, 10 PCT. DOLOMITE, 11 PCT.
GYPSUM, NO RECRY, DOLOMITIC, FORAMINIF, BRYOZOA,
889.0 LIMESTONE, YL GY, TRANSPAR, 10 PERCENT POROSITY- GRAINTYPE-
BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, 20 PCT. DOLOMITE, 11 PCT.
GYPSUM, 11 PCT. GLAUCONTE, NO RECRY, DOLOMITIC, FORAMINIF,
918.0 LIMESTONE, YL GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, 25 PCT. DOLOMITE, 12 PCT.
GYPSUM, 1 PCT. GLAUCONTE, NO RECRY, DOLOMITIC, FORAMINIF,
949.0 NO SAMPLE,
978.0 LIMESTONE, YL GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, 25 PCT. DOLOMITE, 12 PCT.
GYPSUM, NO RECRY, DOLOMITIC, FORAMINIF,
1000.0 NO SAMPLE,
1034.0 LIMESTONE, YL GY, 10 PERCENT POROSITY- MOLDIC, GRAINTYPE-
BIOGENIC, MICRITE, 70 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRI CMT, 25 PCT. DOLOMITE, 11 PCT.
GYPSUM, NO RECRY, DOLOMITIC, POOR SAMP, FORAMINIF, MOLLUSKS,
1060.0 LIMESTONE, V LT OR, GY OR PK, 10 PERCENT POROSITY- MOLDIC,
GRAINTYPE- BIOGENIC, MICRITE, 50 PCT. ALLOCHEMS, SIZE-CRSE,
RANGE- CRYP-CRSE, MOD IND, MICRI CMT, 40 PCT. DOLOMITE,
1090.0 NO SAMPLE,
1123.0 LIMESTONE, V LT OR, GY OR PK, 10 PERCENT POROSITY- MOLDIC,
GRAINTYPE- BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE,
RANGE- CRYP-CRSE, MOD IND, MICRI CMT, 35 PCT. DOLOMITE,
1 PCT. GYPSUM, NO RECRY, DOLOMITIC, POOR SAMP, FORAMINIF,

1153.0 LIMESTONE, V LT OR, GY OR PK, 10 PERCENT POROSITY- MOLODIC,
GRAINTYPE- BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE,
RANGE- CRYP-CRSE, MOD IND, MICRT CMT, 30 PCT. DOLOMITE,
1 PCT. GYPSUM, MD RECRY, DOLOMITIC, POOR SAMP, FORAMINIF,
ECHINOID, MOLLUSKS,
1183.0 LIMESTONE, V LT OR, GY OR PK, 10 PERCENT POROSITY- MOLODIC,
GRAINTYPE- BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE,
RANGE- CRYP-CRSE, MOD IND, MICRT CMT, 45 PCT. DOLOMITE,
1 PCT. GYPSUM, MD RECRY, DOLOMITIC, POOR SAMP, FORAMINIF,
THE GYPSUM HAS CHANGED FROM OPAQUE WHITE TO CLEAR.
1212.0 LIMESTONE, V LT OR, GY OR PK, 10 PERCENT POROSITY- MOLODIC,
GRAINTYPE- BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE,
RANGE- CRYP-CRSE, MOD IND, MICRT CMT, 40 PCT. DOLOMITE,
1 PCT. GYPSUM, HI RECRY, DOLOMITIC, POOR SAMP, FORAMINIF,
1241.0 LIMESTONE, V LT OR, GY OR PK, 10 PERCENT POROSITY- MOLODIC,
GRAINTYPE- BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE,
RANGE- CRYP-CRSE, MOD IND, MICRT CMT, 40 PCT. DOLOMITE,
1 PCT. GYPSUM, HI RECRY, DOLOMITIC, POOR SAMP, FORAMINIF,
OPERCULINOIDS SP., LEPTOCYCLINA FRAGMENTS.
1272.0 LIMESTONE, V LT OR, GY OR PK, 10 PERCENT POROSITY- MOLODIC,
GRAINTYPE- BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE,
RANGE- CRYP-CRSE, MOD IND, MICRT CMT, 40 PCT. DOLOMITE,
1 PCT. GYPSUM, HI RECRY, DOLOMITIC, POOR SAMP, FORAMINIF,
1312.0 LIMESTONE, V LT OR, 10 PERCENT POROSITY- MOLODIC, GRAINTYPE-
BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRT CMT, 15 PCT. DOLOMITE, 1 PCT.
GYPSUM, HI RECRY, DOLOMITIC, POOR SAMP, FORAMINIF, BRYOZOA,
1332.0 AS ABOVE,
1361.0 NO SAMPLE,
1390.0 LIMESTONE, V LT OR, 10 PERCENT POROSITY- MOLODIC, GRAINTYPE-
BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE, RANGE-
CRYP-CRSE, MOD IND, MICRT CMT, 10 PCT. DOLOMITE, MD RECRY,
DOLOMITIC, POOR SAMP, FORAMINIF, BRYOZOA,
1419.0 DOLOSTONE, GY OR PK, V LT OR, 17 PERCENT POROSITY- INTERGRAN,
MOLODIC, 50-70 PCT. ALTERED, EUMEDRAL, SIZE-MICR, RANGE-
CRYP-MICR, MOD IND, DOLOM CMT, 40 PCT. MICRITE, CALCAREUS,
FORAMINIF, CORAL, MOLLUSKS,
1479.0 AS ABOVE,
1479.0 LIMESTONE, V LT OR, GY OR PK, 10 PERCENT POROSITY- MOLODIC,
GRAINTYPE- BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE,
RANGE- CRYP-CRSE, MOD IND, MICRT CMT, 30 PCT. DOLOMITE,
DOLOMITIC, MD RECRY, FORAMINIF, CORAL,
1519.0 LIMESTONE, V LT OR, GY OR PK, 10 PERCENT POROSITY- MOLODIC,
GRAINTYPE- BIOGENIC, MICRITE, 60 PCT. ALLOCHEMS, SIZE-CRSE,
RANGE- CRYP-CRSE, MOD IND, MICRT CMT, 30 PCT. DOLOMITE,
MD RECRY, DOLOMITIC, FORAMINIF, CORAL, MOLLUSKS,
1539.0 LIMESTONE, V LT OR, GY OR PK, 10 PERCENT POROSITY- MOLODIC,
GRAINTYPE- BIOGENIC, MICRITE, 70 PCT. ALLOCHEMS, SIZE-CRSE,
RANGE- CRYP-CRSE, MOD IND, MICRT CMT, 10 PCT. DOLOMITE,
DOLOMITIC, MD RECRY, FORAMINIF, BRYOZOA, MOLLUSKS,
DESCRIPTIONS TERMINATED, TOTAL DEPTH 5796 FT.

*** END OF DATA ***