



DAMON PETROLEUM CORPORATION  
 STAUFFER FARMS, 35-1  
 SEC. 35, T4S/R1W  
 MARION COUNTY, OREGON

FORAMINIFERA REPORT

Interpreted by:  
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Job No. 87-101

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SUMMARY

Seven samples examined from 700 to 2752 feet are barren of age-diagnostic fossils. However, marine conditions are indicated in six of the seven samples. The findings of this study are listed below.

700'

ENVIRONMENT: Open Marine.  
 LITHOLOGY: Light grayish-tan tuffaceous mudstone.  
 REMARKS: Common radiolaria and abundant glauconite indicate an open marine environment.

1076'

ENVIRONMENT: Open Marine.  
 LITHOLOGY: As in above sample.  
 REMARKS: Frequent radiolaria and frequent glauconite indicate an open marine environment.

1226'

ENVIRONMENT: Probably Open Marine.  
 LITHOLOGY: As in sample above.  
 REMARKS: Rare radiolaria and rare glauconite indicate a probable open marine environment.

2400'

ENVIRONMENT: Marginal Marine to Inner Neritic.  
 LITHOLOGY: Volcanic rock fragments, greenish-gray fine-grained sandstone, and brown lignitic mudstone.  
 REMARKS: Rare Elphidium sp. and abundant lignite indicate a marginal marine to inner neritic environment.

2557'

ENVIRONMENT: Marginal Marine.  
 LITHOLOGY: Volcanic rock fragments, fine-grained gray pyritic sandstone, and brown lignitic mudstone.  
 REMARKS: Very rare Elphidium sp., and abundant lignite and coal indicate a marginal marine environment.

2707'

ENVIRONMENT: Marginal Marine to Nonmarine.  
 LITHOLOGY: Rock fragments, brown to dark brown coaly shale, and rare greenish-gray fine-grained sandstone.  
 REMARKS: Common shell fragments and abundant coal indicate a marginal marine to nonmarine environment.

2752'

ENVIRONMENT: Marginal Marine.  
 LITHOLOGY: Multicolored rock fragments.  
 REMARKS: Very rare Cibicides aff. fletcheri and abundant coal indicate a marginal marine environment.

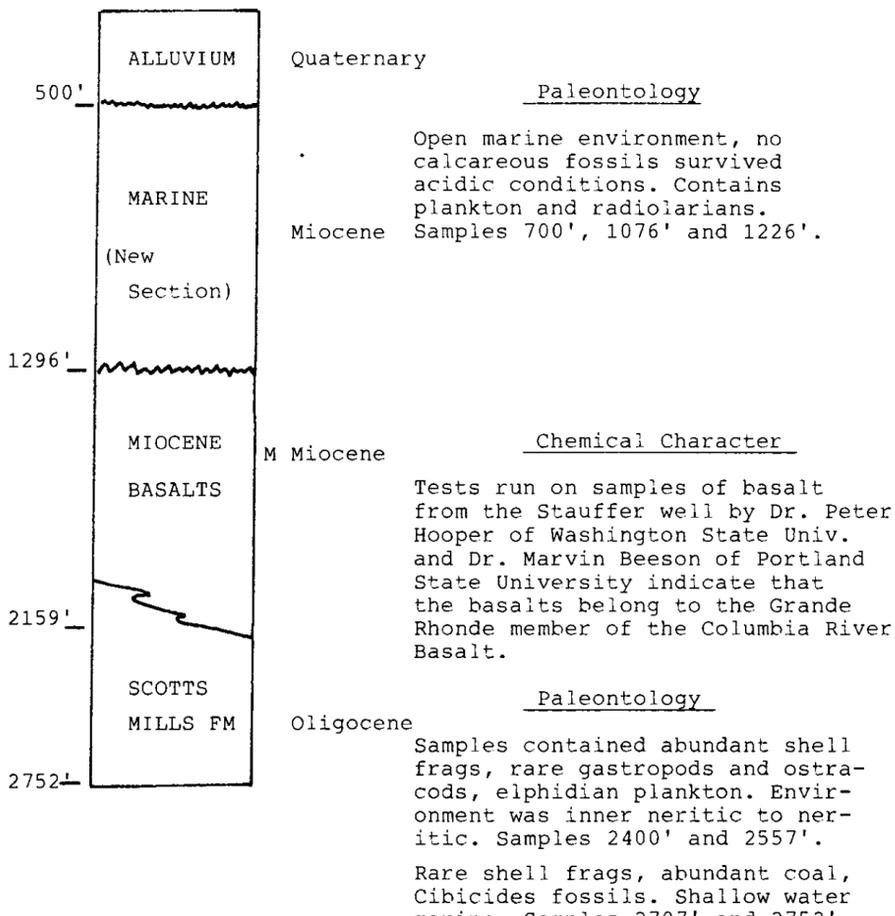
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DRM/js

Damon Petroleum Company, Inc.  
 V.C. Newton Jr. 9/22/87

Stauffer Farms #35-1  
 NW¼ Sec 35, T 4S, R 1W  
 Marion County



References: Harper, H.E., 1946; Peck, D.L., 1960; Newton, V.C., 1969; Hampton, E.R., 1972, Miller and Orr, 1986.

Paleontology by Dan McKeel, consulting Paleontologist.