UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
PROFESSIONAL PAPER 305-P PLATE 5
SYSTEM OR SERIES
GROUP
FORMATION
MICROFAUNAL ZONE
MEGAFAUNAL ZONE
DEPTH (feet)
SPONTANEOUS POTENTIAL (millivolts)
RESISTIVITY (ohms m²/m)
COMPOSITION
SELECTED LITHOLOGIC DESCRIPTION
FORMATION TEST
DIP
CORE RECOVERY
HOLE DIAMETER AND CASING DIAMETER (in inches)
RATE OF PENETRATION (minutes per foot)
CORE JET NUMBER
DRILL BIT (sizes and kinds)
DEPTH (feet)
LOWER AND UPPER CRETACEOUS
WAINWRIGHT
OUMALIK
UPPER JURASSIC AND LOWER CRETACEOUS
EXPLANATION
Sandstone
Conglomeratic sandstone
Calcareous sandstone
Siltstone
Sandy siltstone
Argillaceous siltstone
Clay shale or claystone
Sandy shale or claystone
Silty clay shale or claystone
Calcareous clay shale or claystone
Coal
Clay, chiefly residual material
Limestone
Coquinal limestone
Concretions
Gas show
Very fine grained
Fine grained
Medium grained
Coarse grained
Electrode spacing
Shut-in
Flowed 2 hrs
Flowed 72 hrs
Reed hole opener
Flowed
Security Well hole opener
Security hole opener
Core chip
Core
Swift A-2
Reed 25.25, left formation
Reed 31.25, left formation
Reed 41.25 right formation
Reed wire line RD-3, left formation
Reed wire line RD-3, left formation
Reed wire line RD-3 hard formation
Reed wire line RD-3C, left formation
Reed wire line RD-3C hard formation
Location
Elevation
Spudded
Completed
Total depth
Status
Drilling and engineering data compiled by Richard W. Stoesser, Geologist, Explor. Inq. by Schlumberger Well Surveying Corporation.
Tops picked for this report from the logs of the wells listed.
Colors were determined by comparison with Munsell Color Charts, Munsell Color Company, Inc. Baltimore 2, Maryland
Research Council in 1948.
GRAPHIC LOG OF OUMALIK TEST WELL 1
Logged by Florence M. Robinson
1955