Save

# SCHLUMBERGER

# BOREHOLE COMPENSATED SONIC LOG - GAMMA RAY

COUNTY
FIELD or LOCATION PUT RIVER
WELL
COMPANY

COMPANY BP OIL CORPORATION

WELL 33-11-13

FIELD WILDCAT

COUNTY N. SLOPE STATE ALASKA

LOCATION 7

Sec. 33 Twp. 11 Rge. 13

Other Services: DIL SNP LL3 HDT FDC

Permanent Datum: G.L. Elev. 43

Log Measured From K.B. 18 Ft. Above Perm. Datum

Drilling Measured From K.B.

Elev.: K.B. 61 AMSL D.F. G.L. 43

| | | | | |
|---|---|---|---|---|
| Date | 5-1-69 | | | |
| Run No. | 3 | | | |
| Depth—Driller | 10259 | | | |
| Depth—Logger | 10263 | | | |
| Btm. Log Interval | 10253 | | | |
| Top Log Interval | 9831 | | | |
| Casing—Driller | 7 @ 9822 | @ | @ | @ |
| Casing—Logger | 9831 | | | |
| Bit Size | 6" | | | |
| Type Fluid in Hole | CL/CCS | | | |
| Dens. / Visc. | 10.4 / 41 | | | |
| pH / Fluid Loss | 10.5 / 5.8 ml | ml | ml | ml |
| Source of Sample | PIT | | | |
| $R_m$ @ Meas. Temp. | 1.67 @ 58 °F | @ °F | @ °F | @ °F |
| $R_{mf}$ @ Meas. Temp. | 1.42 @ 59 °F | @ °F | @ °F | @ °F |
| $R_{mc}$ @ Meas. Temp. | 2.07 @ 59 °F | @ °F | @ °F | @ °F |
| Source: $R_{mf}$ $R_{mc}$ | M / M | | | |
| $R_m$ @ BHT | 0.44 @ 210 °F | @ °F | @ °F | @ °F |
| Time Since Circ. | 10 HR | | | |
| Max. Rec. Temp. | 210 °F | °F | °F | °F |
| Equip. / Location | C252 / ALASKA | | | |
| Recorded By | MALLARY | | | |
| Witnessed By | ALLEN | | | |

FOLD HERE

The well name, location and borehole reference data were furnished by the customer

REMARKS

Changes in Mud Type or Additional Samples

| Date | Sample No. | Type Log | Depth | Scale Up Hole | Scale Down Hole |
|---|---|---|---|---|---|
| Depth—Driller | | | | | |
| Type Fluid in Hole | | | | | |
| Dens. / Visc. | | | | | |
| ph / Fluid Loss | ml | | | | |
| Source of Sample | | | | | |
| $R_m$ @ Meas. Temp. | @ °F | @ °F | | | |
| $R_{mf}$ @ Meas. Temp. | @ °F | @ °F | | | |
| $R_{mc}$ @ Meas. Temp. | @ °F | @ °F | | | |
| Source: $R_{mf}$ / $R_{mc}$ | | | | | |
| $R_m$ @ BHT | @ °F | @ °F | | | |
| $R_{mf}$ @ BHT | @ °F | @ °F | | | |
| $R_{mc}$ @ BHT | @ °F | @ °F | | | |

Scale Changes

Equipment Data

| Run No. | Tool Type | Pad Type | Tool Pos. | Other |
|---|---|---|---|---|
| 3 | BSL | | FREE | |

C.D.: NONE S.O.: 0

Equip. Used: CART. No. B235

PANEL No. C333

SONDE No. D239

| CALIBRATION: | BACKGND. CPS. | SOURCE CPS. | GALV. INCR. DIVISIONS | SENS. TAP (FOR CAL.) | SENS. TAP (RECORD) | TIME CONST. | RECORDING SPEED (FT./MIN.) |
|---|---|---|---|---|---|---|---|
| GAMMA RAY: | 40 | 410 | 10 | 0-100 | 2 | 30 | |

Velocity (feet per second) = 1,000,000 / Interval Transit Time (microseconds per foot)

ALASK

ALL NOT

DEPTHS

GAMMA RAY API UNITS

0 100

IWS-1383-C