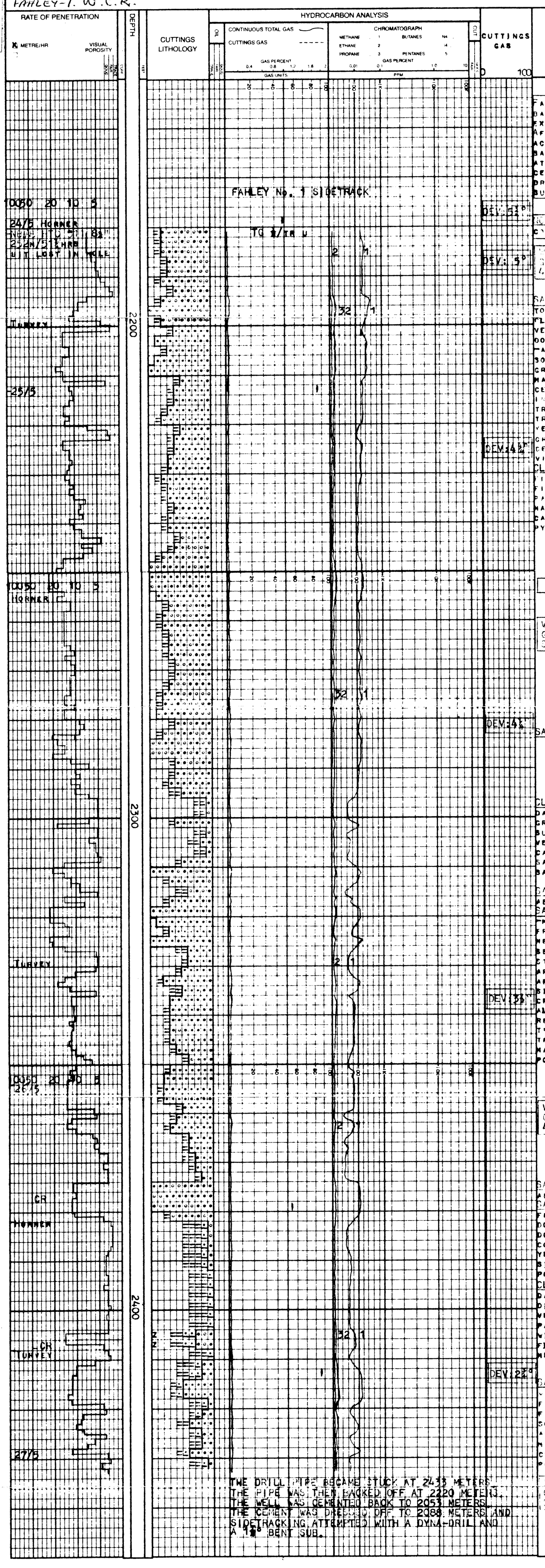
DEPT. NAT. RES & ENV
PE601164

EXLOG | COMPANY: BEACH PETROLEUM N.L. | WELL: FAHLEY No. 1 SIDETRACK | SHEET NO. 1

FORMATION EVALUATION LOG

FAHLEY-1. W.C.R.



LITHOLOGY DESCRIPTION AND REMARKS

FAHLEY No. 1 WAS CEMENTED BACK TO 2079M DUE TO EXCESSIVE HOLE DEVIATION. AFTER SIDETRACK WAS ACHIEVED, SIDETRACK SAMPLING WAS COMMENCED AT 2181 METERS AFTER CEMENT CONTAMINATION AND DRILLED CEMENT SUFFICIENTLY SUBSIDED.

NOTE: SAMPLES BADLY CONTAMINATED BY GREASE.

W 9.5, V 40, PV 20, YP 15, GEL 2/4, F 7.8, FC 1, SOL 4, SD TR, pH 12, CL 39000

SANDSTONE, VERY LIGHT GREY TO VERY LIGHT BROWN GREY CLEAR, FRIABLE TO HARD VERY FINE TO OCC COARSE DOM VERY FINE TO FINE, SUB-ANGULAR TO SUBROUND, MOD SORTED, TRACE TO OCC COMON GREY TO BROWN ARGILACEOUS MATRIX, COMMON SILICEOUS CEMENT, TRACE DOLOMITE CMT IN PART, RARE PYRITE CMT TRACE DARK GREY LITHICS TRACE TO COMMON LIGHT YELLOW STAINING ON QUARTZ GRAINS, RARE CARBONACEOUS DETRITUS, POOR TO FAIR VISUAL POROSITY.

CLAYSTONE, LIGHT-DARK GREY, FIRM, VERY DISPERSIVE, SUB FISSILE, VERY SILTY IN PART, COMMON ARENACEOUS MATERIAL, TRACE MICROMICA & CARBONACEOUS FLECKS, TRACE PYRITE.

C = 40u AT 42V

W 9.5, V 42, PV 22, YP 18, GEL 2/4, F [illegible], FC 1, SOL 4, SD TR, pH 11.5, CL 39000

SANDSTONE, AS ABOVE.

CLAYSTONE, FROM 2295M, VERY DARK BROWN GREY-VERY DARK GREY, FIRM, MOD DISPERSIVE, SUBFIS, TR-COM MICROMICA, VERY SILTY IN PART, VERY CARBONACEOUS, TR VERY FINE SAND, TR PYRITE, TR QUARTZ SAND LAMINAE.

SANDSTONE, FROM 2315M, AS ABOVE, INTERBEDDED WITH SANDSTONE, OFF WHITE, LIGHT-MEDIUM GREY, VERY HARD, FRI IN PART, VERY FINE TO MED, DOM FINE QUARTZ AGG SBANG-SBRND, FAIR-MOD WELL SORTED, TRACE-COM WH-LT GY ARG MATRIX, ABUNDANT GY ARG MATRIX IN PART, STRONG SILICA CMT, TRACE MED BRN CRPTXL DOL, TRACE-COM PART ALTERED FELDS, TRACE GREEN RED, GY, BRN, BLK LITHICS TRACE YEL STAINED QTZ AGG TRACE CARB FLECKS, TRACE MAS & INTERGRANULAR PYR POOR VISUAL POROSITY

W 9.6, V 45, PV 27, YP 27, GEL 2/4, F 6.4, FC 1, SOL 4½, SD TR, pH 11, CL 38000

SANDSTONE, FROM 2374M, AS ABOVE, INTERBEDDED WITH: SANDSTONE, LIGHT GREY, HARD-FRIABLE, FINE-VERY COARSE, DOM MED-COARSE, ANG-SUBRND DOM SUBANG, POOR-MOD SRTD, COM PALE GREEN, RED AND YELLOW LITHICS, STRONG SILICA CEMENT, TRACE PYRITE POOR-FAIR VISUAL POROSITY

CLAYSTONE, FROM 2381M, MED-DARK GREY, FIRM, SUBFIS, MOD DISPERSIVE, VERY SILTY AND VERY FINELY ARENACEOUS IN PART, MOD-VERY CARBONACEOUS WITH COM BLACK COALLY FLECKS, RARE GLAUCONITE & MED BROWN CRYPTOXLN DOLO.

SANDSTONE, FROM 2405M, OFF WHITE-LIGHT BROWN, VERY FINE-VERY COARSE, DOM VERY FINE, SBANG, VERY POORLY SORTED, QTZ GRAINS SET IN AN ABUNDANT WHITE CLAY MATRIX, COM BROWN DOLOMITE CEMENT IN PART, NO VISUAL POROSITY, NO FLUOR OR CUT.

W 9.6, V 50, PV 29, YP 27, GEL [illegible], F [illegible], FC 1, SOL 5, SD TR, pH 11, CL 39000