075-20004

CORE LAB Grapholog

CORE LABORATORIES, INC.

COMPANY: THE ANSCHUTZ CORP., NCRA, DOW CHEMICAL
WELL: NO 1 SLOCUM
FIELD: WILDCAT
COUNTY: GENTRY — STATE: MISSOURI
LOCATION: SW NW 11-62N-32W — ELEVATION: 977 KB

DEPTH LOGGED FROM 220' TO 2457 FT
DATE LOGGED 11-27-74 11-30-74
CREW CHIEF CHARLES L. ARD — FILE NO FL274-95L
DRLG. FLUID WATER — SURFACE TO 1020 FT
CHEM MUD & GEL — 1020 TO 2457 FT

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LEGEND

ABBREVIATIONS

- NB = NEW BIT
- NCB = NEW CORE BIT
- CO = CIRCULATED OUT
- DST = DRILL STEM TEST
- LAT = LOGGED AFTER TRIP
- TG = TRIP GAS
- NR = NO RETURNS
- DS = DIRECTIONAL SURVEY
- DC = DEPTH CORRECTION

DEPTHS CORRESPOND TO DRILL PIPE MEASUREMENTS

RESISTIVITY, OHM-METERS
- Rm = MUD
- Rmc = MUD CAKE
- Rmf = MUD FILTRATE

MUD DATA
- CK = CAKE THICKNESS 32nds
- V = VISCOSITY API SECONDS
- F = FILTRATE API CC'S
- W = WEIGHT
- S = SALINITY, ppm Cl

LITHOLOGY

SAND, SALT, COAL, COND, CLAY, DOLOMITE, ANHYDRITE OR GYPSUM, SHALE, CHERT, LIMESTONE, CHALK, SILTSTONE

DRILLING RATE MIN/FT ☒ FT/HR ☐	POR G F P % VISUAL	LITH	DEPTH	HYDROCARBON ANALYSIS: PHD CHROMATOGRAPH (Methane, Ethane & Propane, Butane & Pentane) Units/Div	FLUOR P F G	HOT WIRE TOTAL GAS & METHANE Units/Div, MUD	REMARKS FORMATION DESCRIPTION, MUD DATA, DRILL STEM TESTS, etc.

REMARKS

SH - GY, DGY, BLK, FRM, SLTY, PYRIC

LS - WHT, SFT, CHLKY, SLTY IP, NO POR

SLTST - WHT, GY, FRM - HD, VS CALC

LS - WHT, SFT, CHLKY, N/XTLN, NO POR

SH - BLK, GY, MOSTLY WASHES AWAY

LS - WHT, CRM, HD, N XTLN, FRAG, FOS, SLTY, NO POR

LS - WHT, A/A, BECOMING CHLKY, SLTY

SLTST - WHT, S&P, HD, S CALC

CARBIDE LAG 3 MIN

LS - WHT, LGY, HD - M/HD, CHLKY IP, FOS, NO POR

SH - LGN, SFT, EARTHY, SLTY, FIS IP

SLTST - WHT, S&P, HD, S/CALC

NO SAMPLES

SS - WHT, CLR, FG, WL SRTD, WL CONS, FRI, CALCITE FILL

SH - GY, DGY, FRM, FISS, SLTY, S/CALC LGN, SFT, EARTHY, S/SLTY

LS - WHT, SFT, N XTLN, CHLKY, NO POR

SS - WHT, CLR, FG, WL SRTD, WL CONS, FRI, ABUN CALCITE FILL

SH - GRN, LGY, SFT - FRM, SLTY

COAL - BLK, LIG

SLTST - WHT, LGN, HD, S/CALC, ABUN PLATY CARBON MATTER

LS - BRN, TAN, HD, N/XTLN, NO VIS POR

SH - DGY, BLK, FIS, ABUN PYRITE

COAL - BLK, HD, LIG,

SLTST - WHT, S&P, HD, S/CALC, PYRIC

NO SAMPLE

SS - WHT, CLR, F - MG, WL CONS, F SRTD, SUBRND, FRI, TR GLAUC

SH - BLK, HD, FIS, BRTL, LIG, PYRIC

NO SAMPLE

SS - WHT, CLR, F - MG, WL CONS FRI, BECOMING SLTY

COAL,

SLTST - WHT, LGY, HD, SHLY IP, TR GLAUC

SS - WHT, CLR, FG, WL CONS, WL SRTD, FRI, CALCITE FILL IP

SS - WHT, CLR, FG, A/A

SLTST - WHT, LGY, HD, TR GLAUC

NO SAMPLE

SH - BLK, DGY, FRM - HD, FISS, BRTL IP, PYRIC, SLTY

NO SAMPLES

CARBIDE LAG 8 MIN

SLTST - GY, LGY, FRM, GONG TOWARD SH

LS - WHT, TAN, N/XTLN, HD, DOLO IP

SH - GY, DGY, BLK, FRM, FIS, BRTL

LS - WHT, TAN, BRN, HD, N XTLN, FOSS IP, DOLO

SH - GY, BLK, FRM, SLTY, CALC

SS - WHT, CLR, M - CG, UNCONS QTZ GRNS, SUB RND - SUB ANG, SOME RED STAINING

NO SAMPLE

SH - BLK, HD, FIS, PLTY

LS - GRY, WHT, FRM - HD, N XTLN, N POR

DOLO - LBRN, BRN, HD, DNS POOR POR GRANULAR

LS - WHT, TAN, GY, N/XTLN, DOLO IP

DOLO - LBRN, BRN, HD, DNS, POOR POR

NO SAMPLE

LS - WHT, TAN, HD, N/XTLN, ABUN CLR CALCITE RHOMBS, SOME POR IN PELLETAL FACIES NOCF

DOLO - BRN, DBRN, HD, VF XTLN, DIRTY

NO SAMPLE

DOLO - BRN, D BRN, HD, A/A

CHERT - WHT, TRANSL

DOLO - BRN, HD, VF XTLN, DIRTY, POOR POR

SH - GRN, SFT, EARTHY, S CALC

ABUN CHERT

LS - WHT, HD, DNS, N XTLN, N POR

SH - BLK, DGY, HD, FIS, BRTL, GRN, SFT, SLTY IP, S CALC

DOLO - TAN, BRN, HD, SLTY, TIGHT

SH - GRN, DGY, BLK, FRM, FIS, SLTY, RED, COMPOSED ALMOST COMPLETELY OF HEMATITE NODULES

DOLO - TAN, BRN, A/A

SH - GRN, GY, FRM, SLTY, S/CALC

DOLO - WHT, TAN, HD, POR POOR, NO FLUOR, GOOD PATCHY STAINING, V/GOOD STREAMING CUT

LS - WHT, TAN, HD, DNS, MUDSTONE, NO POR, DOLO IP

DOLO - WHT, TAN, HD, A/A NO SHOWS

LS - WHT, CRM, M/SFT, CHLKY, NO POR

DOLO - BRN, TAN, F XTLN, F POR, NO CUT

LS - WHT, TAN, M SFT, CHLKY IP, DOLO IP

ANHYD - WHT, CLR, MASSIVE, XTLN IP, V/SFT

DOLO - LBRN, BRN, HD, DNS, POOR POR, NO CUT

SH - GRN, GY, BLK, FRM - SFT, SLTY, S/CALC

LS - WHT, CRM, HD, DNS, NO POR

DOLO - BRN, FRM, POOR POR, NO SHOW

LS - WHT, CRM, A/A, GRDNG TO DOLO

ANHYD - WHT, CLR, MASS, XTLN IP, V SFT

ANHYD - WHT, CLR, V SFT, MASS, XTLN

LS - HD, DNS, SLTY, DOLO

DOLO - TAN, BRN, HD, LIMEY, SLTY VS HALO CUT

LS - WHT, TAN, HD, DOLO, NO SHOW,

SH - GRN, GY, BRN, FRM, DNS, SLTY, CALC. BRN SH HAS VERY WEAK HALO CUT, INDICATING POSS SOURCE BED

DOLO - WHT, HD, MG XTAL, TIGHT, NO SHOW

DOLO - WHT, HD, A/A

DOLO - WHT, HD, XTLN, SOME INTER XTLN POR, NO SHOW

DOLO - WHT, BRN, TAN, HD, XTLN, POOR POR

GOOD CUT ON DOLO

SH - GRN, GY, FRM, SLTY, CALC

DOLO - TAN, BRN, HD, XTLN, GOOD CUT

SH - GY, BRN, FRM, SLTY, SNDY IP

SS - WHT, BRN, WL CONS, WL SRTD, DOLO

DOLO - BRN, DBRN, HD, XTLN, NO SHOW

DOLO - BRN, D BRN, A/A