

Well 6005/13-1

Digital Logs (LAS and DLIS)

Wireline 17.5 inch hole

1. DSC_processed DSI_datat_6005_ DTCO-DTSM:

Best DT: 1442.314-1968.246 m

DEPT	(M)
DT1R	(US/F)
DT2R	(US/F)
DT2R	(US/F)
DTCO	(US/F)
DTRP	(US/F)
DTSM	(US/F)
DTTP	(US/F)

2. SP_DSI_HRLA_PEX_ACTS_ECRD

Run1: DSL_main_Log DSI_HRLA_TLD_MCFL_020PUC: 1450.5432-1973.4276 m

DEPT	(M)
BS	(IN)
DT1	(US/F)
DT1R	(US/F)
DT2	(US/F)
DT2R	(US/F)
DT4P	(US/F)
DT4S	(US/F)
DTRP	(US/F)
DTRS	(US/F)
DTSM	(US/F)
DTTP	(US/F)
DTTS	(US/F)
GDEV	(DEG)
GR	(GAPI)
HCAL	(IN)
SP	(MV)
STIA	(M)
STIT	(M)
TENS	(LBF)

Run1: DSI_Repeat_DSI_HRLA_TLD_MCFL_021PUC: 1799.8440-1971.2940 m

DEPT	(M)
BS	(IN)
DT1	(US/F)
DT1R	(US/F)
DT2	(US/F)
DT2R	(US/F)
DT4P	(US/F)
DT4S	(US/F)
DTCO	(US/F)
DTRP	(US/F)
DTRS	(US/F)
DTSM	(US/F)
DTTP	(US/F)
DTTS	(US/F)
GDEV	(DEG)
GR	(GAPI)
HCAL	(IN)
SP	(MV)
STIA	(M)
STIT	(M)
TENS	(LBF)

Run1: GR_tosurface_DSI_HRLA_TLD_MCFL_020PUC: 801.9288-1973.4276 m

DEPT	(M)
BS	(IN)

GR	(GAPI)
HCAL	(IN)
SP	(MV)
TENS	(LBF)

Run1: Main_Log_DSI_HRLA_TLD_MCFL_020PUC: 1450.5432-1973.4276 m

DEPT	(M)
BS	(IN)
DF	(LBF)
DI_HRLT	(USIN)
DPHZ	(V/V)
GDEV	(DEG)
GR	(GAPI)
HCAL	(IN)
HDRA	(G/C3)
HTNP	(V/V)
PEF8	
PEFZ	
RHO8	(G/C3)
RHOZ	(G/C3)
RLA1	(OHMM)
RLA2	(OHMM)
RLA3	(OHMM)
RLA4	(OHMM)
RLA5	(OHMM)
RM_HRLT	(OHMM)
RSOZ	(IN)
RT_HRLT	(OHMM)
RXOZ	(OHMM)
SP	(MV)
TENS	(LBF)
TNPH	(V/V)

Run1: Repeat_Log_DSI_HRLA_TLD_MCFL_021PUC: 1799.8440-1971.2940 m

DEPT	(M)
BS	(IN)
DF	(LBF)
DI_HRLT	(USIN)
DPHZ	(V/V)
GDEV	(DEG)
GR	(GAPI)
HCAL	(IN)
HDRA	(G/C3)
HTNP	(V/V)
PEF8	
PEFZ	
RHO8	(G/C3)
RHOZ	(G/C3)
RLA1	(OHMM)
RLA2	(OHMM)
RLA3	(OHMM)
RLA4	(OHMM)
RLA5	(OHMM)
RM_HRLT	(OHMM)
RSOZ	(IN)
RT_HRLT	(OHMM)
RXOZ	(OHMM)
SP	(MV)
TENS	(LBF)
TNPH	(V/V)

Wireline 12.5 inch hole**3. SP_PPC_HRLT_PEX_HNGS:****Run 2B: CAL_HRLA_TLD_MCFL_108PUC: 1750.4664-3387.8520 m**

DEPT	(M)
BS	(IN)

CDF	(N)
CRD1_PPC1	(IN)
CRD2_PPC1	(IN)
CRD3_PPC1	(IN)
CRD4_PPC1	(IN)
GR	(GAPI)
GTEM	(DEGF)
HBHK	(V/V)
HCAL	(IN)
HCGR	(GAPI)
HD1_PPC1	(IN)
HD2_PPC1	(IN)
HDRA	(G/C3)
HFK	(V/V)
HGR	(GAPI)
HSGR	(GAPI)
HTEM	(DEGF)
HTHO	(PPM)
HTNP	(V/V)
HTPR	
HTUR	
HUPR	
HURA	(PPM)
PEF8	
PEFZ	
RB_PPC1	(DEG)
RHO8	(G/C3)
RHOZ	(G/C3)
RLA0	(OHMM)
RLA1	(OHMM)
RLA2	(OHMM)
RLA4	(OHMM)
RLA5	(OHMM)
RM_HRLT	(OHMM)
RT_HRLT	(OHMM)
RXO_HRLT	(OHMM)
SP	(MV)
TENS	(LBF)
TNPH	(V/V)

Run 2B: CAL_HRLA_TLD_MCFL_109PUC: 3255.4164-3387.8520 m

DEPT	(M)
BS	(IN)
CDF	(N)
CRD1_PPC1	(IN)
CRD2_PPC1	(IN)
CRD3_PPC1	(IN)
CRD4_PPC1	(IN)
GR	(GAPI)
GTEM	(DEGF)
HBHK	(V/V)
HCAL	(IN)
HCGR	(GAPI)
HD1_PPC1	(IN)
HD2_PPC1	(IN)
HDRA	(G/C3)
HFK	(V/V)
HGR	(GAPI)
HSGR	(GAPI)
HTEM	(DEGF)
HTHO	(PPM)
HTNP	(V/V)
HTPR	
HTUR	
HUPR	
HURA	(PPM)
PEF8	
PEFZ	
RB_PPC1	(DEG)
RHO8	(G/C3)
RHOZ	(G/C3)
RLA0	(OHMM)

RLA1	(OHMM)
RLA2	(OHMM)
RLA4	(OHMM)
RLA5	(OHMM)
RM_HRLT	(OHMM)
RT_HRLT	(OHMM)
RXO_HRLT	(OHMM)
SP	(MV)
TENS	(LBF)
TNPH	(V/V)

4. PPC_DSI_PPC_ECS_GR

Run 2C: CAL_DSI_ECS_TLD_CNL_011PUC: 3211.8300-3383.2800 m

DEPT	(M)
AX	(M/S2)
AY	(M/S2)
AZ	(M/S2)
BS	(IN)
CDF	(N)
CRD1_PPC1	(IN)
CRD1_PPC2	(IN)
CRD2_PPC1	(IN)
CRD2_PPC2	(IN)
CRD3_PPC1	(IN)
CRD3_PPC2	(IN)
CRD4_PPC1	(IN)
CRD4_PPC2	(IN)
DT1	(US/F)
DT1R	(US/F)
DT2	(US/F)
DT2R	(US/F)
DT4P	(US/F)
DT4S	(US/F)
DTCO	(US/F)
DTRP	(US/F)
DTRS	(US/F)
DTSM	(US/F)
DTST	(US/F)
DTTP	(US/F)
EHD1_PPC1	(IN)
EHD1_PPC2	(IN)
EHD2_PPC1	(IN)
EHD2_PPC2	(IN)
FX	(A/M)
FY	(A/M)
FZ	(A/M)
GR	(GAPI)
HAZI	(DEG)
HD1_PPC1	(IN)
HD1_PPC2	(IN)
HD2_PPC1	(IN)
HD2_PPC2	(IN)
ITT	(S)
RB_PPC1	(DEG)
RB_PPC2	(DEG)
TENS	(LBF)

Run 2C: CAL_DSI_ECS_TLD_CNL_014PUC: 1856.0796-3386.3280 m

DEPT	(M)
AX	(M/S2)
AY	(M/S2)
AZ	(M/S2)
BS	(IN)
CDF	(N)
CRD1_PPC1	(IN)
CRD1_PPC2	(IN)
CRD2_PPC1	(IN)
CRD2_PPC2	(IN)
CRD3_PPC1	(IN)

CRD3_PPC2	(IN)
CRD4_PPC1	(IN)
CRD4_PPC2	(IN)
DT1	(US/F)
DT1R	(US/F)
DT2	(US/F)
DT2R	(US/F)
DT4P	(US/F)
DT4S	(US/F)
DTCO	(US/F)
DTRP	(US/F)
DTRS	(US/F)
DTSM	(US/F)
DTST	(US/F)
DTTP	(US/F)
EHD1_PPC1	(IN)
EHD1_PPC2	(IN)
EHD2_PPC1	(IN)
EHD2_PPC2	(IN)
FX	(A/M)
FY	(A/M)
FZ	(A/M)
GR	(GAPI)
HAZI	(DEG)
HD1_PPC1	(IN)
HD1_PPC2	(IN)
HD2_PPC1	(IN)
HD2_PPC2	(IN)
ITT	(S)
RB_PPC1	(DEG)
RB_PPC2	(DEG)
TENS	(LBF)

LWD LAS Files

839-1500.95 m

DEPTH	(m)
GR1AX	(API)
RACLX	(ohm.m)
RPCHX	(ohm.m)
TCDX	(degF)
ROP_AVG	(2.00.m/hr)
ACTECDX	(sg)
APRESX	(psi)

910.00-1173.00 m

DEPTH	(m)
GR1AX	(API)
RACLX	(ohm.m)
RPCHX	(ohm.m)
TCDX	(degF)
ROP_AVG	

Mud Log LAS Files

767.00-1170.00 m

DEPTH	(m)
WOB_AVG	(klbf)
HKLD_AVG	(klbf)
PUMP_AVG	(psi)
TORQUE_AVG	(kft.lb)
BIT_RPM_AVG	(RPM)
FLOWIN	(USgal/min)
MTOUT	(degF)
DXC	(unitless)
TOTGAS_AVG	(%)
CHR1C1_AVG	(ppm)
CHR1C2_AVG	(ppm)
CHR1C3_AVG	(ppm)
CHR1C4_AVG	(ppm)

CHR1NC4_AVG (ppm)
 CHR1C5_AVG (ppm)
 CHR1NC5_AVG (ppm)
 MTIN (degF)
 MTOUT (degF)
 TVD (m)

767.00-1501.00 m

DEPTH (m)
 ROP_AVG (m/hr)
 WOB_AVG (klbf)
 HKLD_AVG (klbf)
 PUMP_AVG (psi)
 TORQUE_AVG (kft.lb)
 BIT_RPM_AVG (RPM)
 FLOWIN (USgal/min)
 MTOUT (degF)
 DXC (unitless)
 TOTGAS_AVG (%)
 CHR1C1_AVG (ppm)
 CHR1C2_AVG (ppm)
 CHR1C3_AVG (ppm)
 CHR1C4_AVG (ppm)
 CHR1NC4_AVG (ppm)
 CHR1C5_AVG (ppm)
 CHR1NC5_AVG (ppm)
 MTIN (degF)
 MTOUT (degF)
 TVD (m)

BP-William-6005/13-1 12-1-4 Section-Final**6005_13-1_5_Res_M_1954-3011: 1954.00-3011.00 m (LAS and excel files)**

DEPTH (m)
 ROP (m/hr)
 GRAM (API)
 TCDM (degF)
 RACHM (ohm.m)
 RACLM (ohm.m)
 RPCHM (ohm.m)
 RPCLM (ohm.m)
 RPTHM (min)
 TVD (m)

6005_13-1_Res_Mem_1501-1977: 1495-1980 m (LAS and excel files)

DEPTH (m)
 ROP (m/hr)
 GRAFM (API)
 RPTHM (min)
 RACHM (ohm.m)
 RACLM (ohm.m)
 RPCHM (ohm.m)
 RPCLM (ohm.m)
 TVD (m)
 TCDM (degF)

6005_13-1_Res_Mem_760-1502_26: 760-1502 m

DEPTH (m)
 ROP (m/hr)
 GRAFM (API)
 TCDM (degF)
 RPTHM (min)
 RACHM (ohm.m)
 RACLM (ohm.m)
 RPCHM (ohm.m)
 RPCLM (ohm.m)
 TVD (m)
 TCDM (degF)

6005_13_1A_OTK_LTK_MEM_2583_3383m: 72560-3383 m

DEPTH	(m)
ROP	(m/hr)
GRAFM	(API)
RPCHM	(ohm.m)
RPCLM	(ohm.m)
RACLM	(ohm.m)
RACHM	(ohm.m)
RPTHM	(min)
NPLM	(pu)
DRHM	(g/cc)
DPEM	(unitless)
BDCM	(g/cc]
TCDM	(degF)
TVD	(m)