G02829

OGC
#20031

RELEASED
2-28-88

Schlumberger

GEOGRAM

CSU

RECEIVED
SEP 21 1987
MO Oil & Gas Council
Economic Geology

COMPANY: THE STONE PETROLEUM CORPORATION

WELL: #1 SCHOOLER 16-8

FIELD: RUNAMMUCK
COUNTY: ATCHISON
STATE: MISSOURI
NATION: USA
LOCATION: 652.1' FNL & 550' FEL

SEC: 16 TWP: 63N RGE: 40W

OTHER SERVICES-
DIL-SFL-GR
CNL-LDT-GR
BHC-GR
SAT

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 880.0 F
LOG MEASURED FROM: KB
6.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS- 883.7
KB: ~~886.0~~ F
DF: 884.0 F
GL: ~~880.0~~ F
887.4

PROGRAM
TAPE NO:
28.465
SERVICE
ORDER NO:
417967

DATE: 27 JUL 87
RUN NO: A

DO NOT RELEASE

DEPTH-DRILLER: 3680.0 F
DEPTH-LOGGER: 3680.0 F
BTM. LOG INTERVAL: 3660.0 F
TOP LOG INTERVAL: 350.5 F

CASING-DRILLER:	350.5 F	0.0 F	0.0 F
CASING-LOGGER:	357.0 F	0.0 F	0.0 F
CASING:	8 5/8"		

BIT SIZE: 7 7/8"

TYPE FLUID IN HOLE: CHEMICAL
DENSITY: 9.00 LB/G
VISCOSITY: 37.0 S
PH: 12.0
FLUID LOSS: 10.8 C3
SOURCE OF SAMPLE: FLOWLINE
RM: .943 OHMM AT 89.0 DEGF
RMF: .750 OHMM AT 84.0 DEGF
RMC: 1.350 OHMM AT 84.0 DEGF
SOURCE RMF/RMC: PRESS /PRESS
RM AT BHT: .780 OHMM AT 109. DEGF
RMF AT BHT: .588 OHMM AT 109. DEGF
RMC AT BHT: 1.059 OHMM AT 109. DEGF

TIME CIRC. STOPPED: 1300 7/27
TIME LOGGER ON BTM.: 2319 27 JUL

MAX. REC. TEMP: 109.0 DEGF

LOGGING UNIT NO: 8353
LOGGING UNIT LOC: GREAT BEND
RECORDED BY: PUCKETT
WITNESSED BY: EBLE

REMARKS:

SWEEP: 12 TO 96 HZ, UPSWEEP, 6 DB/OCT, 8 SEC. LONG.
SOURCE ELEVATION: 881.2' +MSL.
SRD: 900' +MSL, VELSUR: 6000'/S.
WAVELETS: 12 TO 96 HZ KLAUDER, 12 TO 76 HZ KLAUDER
TIME SCALE: 10 INCHES/SEC
POLARITY: SEG NORMAL (IMPEDANCE INCREASE= TROUGH)

EQUIPMENT NUMBERS-

TCMAB 414	WSAMA 742	WSIA 777	CAUC 158
SATA-MAD	-	-	-
-	-	-	-

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

CP 28.465 FILE 0 28-JUL-87 01:17
DATA ACQUIRED NA

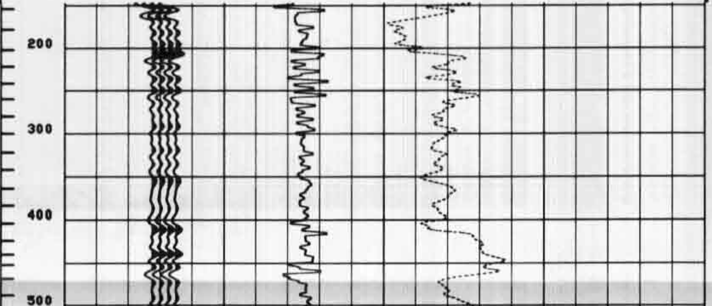
CHANGED PARAMETERS

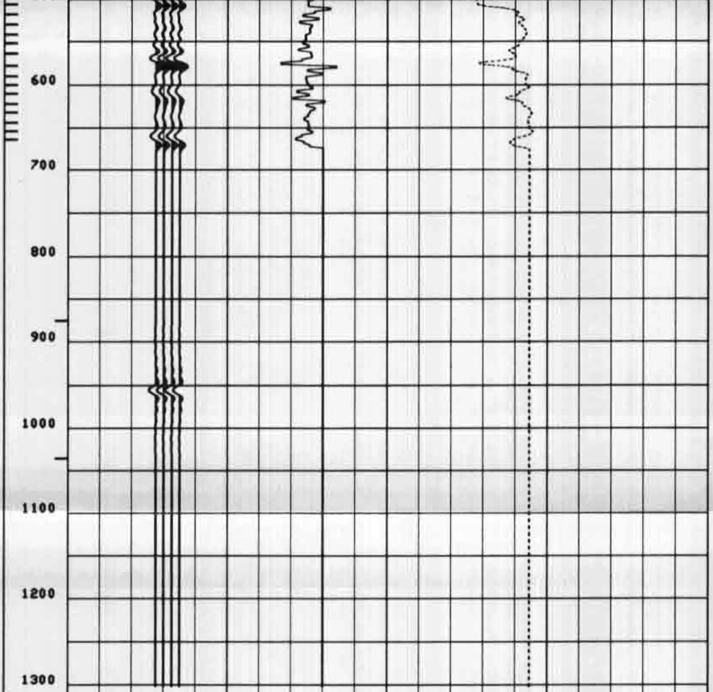
NAME	VALUE	UNIT	DEPTH (F)	NAME	VALUE	UNIT	DEPTH (F)
STAC	2.00000		140.0				

12- 76 Hz Klauder

STR1			
-5.000	5.0000		
STR2			
-5.000	5.0000		
STR3			
-5.000	5.0000		
STR4		REFL	DTC (US/F)
-5.000	5.0000	-.5000 .50000	140.00 40.000

CP 27.906 **FILE 3** **28-JUL-87 02:24**
DATA ACQUIRED 27-JUL-87 19:57





REVERSE POLARITY GEOGRAM

GEOGRAM FILM TIME SCALE : 10.00 IN/S
GEOGRAM OUTPUT DEPTH INTERVAL : 100.0 F
GEOGRAM OUTPUT DEPTH END : 300.0 F
GEOGRAM OUTPUT DEPTH START : 3600.0 F

CP 27.906

FILE 3 28-JUL-87 02:24
DATA ACQUIRED 27-JUL-87 19:57

STR1 -5.000 5.0000 STR2 -5.000 5.0000 STR3 -5.000 5.0000 STR4 -5.000 5.0000	REFL -.5000 .50000	DTC (US/F) 140.00 40.000

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
GFTS	10.0000	IN/S	STAC	2.00000	
ADTM	7.50000	US/F	CDTS	100.000	
DTF	189.000	US/F	DTM	56.0000	US/F
WCFR	25.0000	HZ	SCIN	20	
WEFR	76.0000	HZ	WDUR	8.00000	S
WSNU	40		WSFR	12.0000	HZ
WVTP	KLAU		TSTT	2	MS
BS	7.87500	IN	BHS	OPEN	
PP	NORM		DO	0.0	F

TAPE NOT MADE

CHANGED PARAMETERS

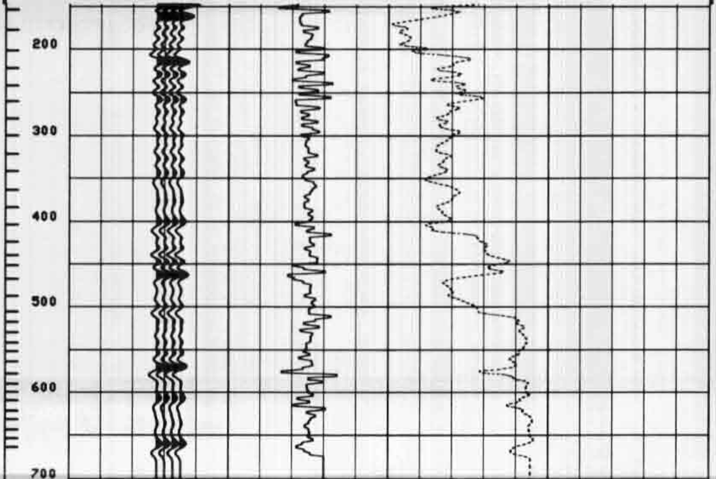
NAME	VALUE	UNIT	DEPTH (F)	NAME	VALUE	UNIT	DEPTH (F)
STAC	2.00000		140.0				

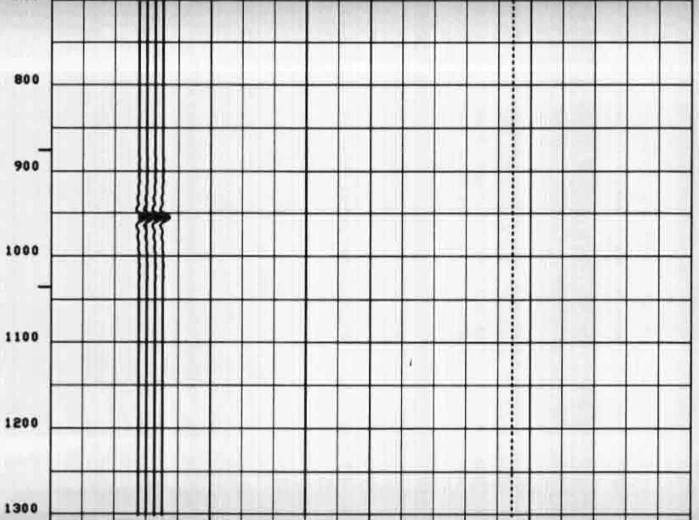
STR1	-5.000	5.0000
STR2	-5.000	5.0000
STR3	-5.000	5.0000
STR4	-5.000	5.0000
REFL	-.5000	.50000
DTC (US/F)	140.00	40.000

12-76 Hz Klauder

CP 27.906

FILE 3 28-JUL-87 02:24
DATA ACQUIRED 27-JUL-87 19:57





NORMAL POLARITY GEOGRAM

GEOGRAM FILM TIME SCALE : 10.00 IN/S
GEOGRAM OUTPUT DEPTH INTERVAL: 100.0 F
GEOGRAM OUTPUT DEPTH END : 300.0 F
GEOGRAM OUTPUT DEPTH START : 3600.0 F

CP 27.906 FILE 3 28-JUL-87 02:23
DATA ACQUIRED 27-JUL-87 19:57

STR1	-5.000	5.0000
STR2	-5.000	5.0000
STR3	-5.000	5.0000
STR4	-5.000	5.0000
REFL	-.5000	.50000
DTC (US/F)	140.00	40.000

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
GFTS	10.0000	IN/S	STAC	2.00000	
ADTM	7.50000	US/F	CDTS	100.000	
DTF	189.000	US/F	DTM	56.0000	US/F
WCFR	25.0000	HZ	SCIN	20	
WEFR	76.0000	HZ	WDUR	8.00000	S
WSMU	40		WSFR	12.0000	HZ
WVTP	KLAU		TSTT	2	MS
BS	7.87500	IN	BHS	OPEN	
PP	NORM		DO	0.0	F

TAPE NOT MADE

CHANGED PARAMETERS

NAME	VALUE	UNIT	DEPTH (F)	NAME	VALUE	UNIT	DEPTH (F)
STAC	2.00000		140.0				

STR1
-5.000 5.0000
STR2
-5.000 5.0000
STR3
-5.000 5.0000
STR4
-5.000 5.0000

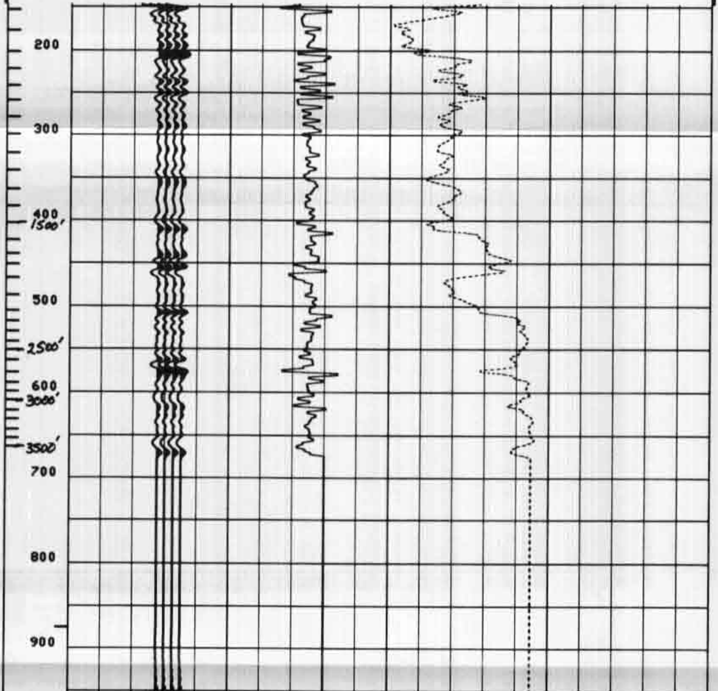
12-96 Hz Klauder

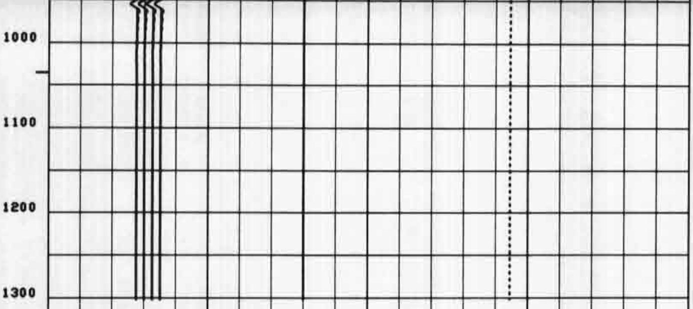
REFL
-.5000 .50000

DTC (US/F)
140.00 40.000

CP 27.906

FILE 3 28-JUL-87 02:23
DATA ACQUIRED 27-JUL-87 19:57





REVERSE POLARITY GEOGRAM

GEOGRAM FILM TIME SCALE : 10.00 IN/S
GEOGRAM OUTPUT DEPTH INTERVAL: 100.0 F
GEOGRAM OUTPUT DEPTH END : 300.0 F
GEOGRAM OUTPUT DEPTH START : 3600.0 F

CP 27.906 FILE 3 28-JUL-87 02:22
DATA ACQUIRED 27-JUL-87 19:57

STR1	-5.000	5.0000
STR2	-5.000	5.0000
STR3	-5.000	5.0000
STR4	-5.000	5.0000
REFL	-.5000	.50000
DTC (US/F)	140.00	40.000

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
GFTS	10.0000	IN/S	STAC	2.00000	
ADTM	7.50000	US/F	CDTS	100.000	
DTF	189.000	US/F	DTM	56.0000	US/F
WCFR	25.0000	HZ	SCIN	20	
WEFR	96.0000	HZ	WDUR	8.00000	S
WSNU	40		WSFR	12.0000	HZ
WVTP	KLAU		TSTT	2	MS
BS	7.87500	IN	BHS	OPEN	
PP	NORM		DO	0.0	F

TAPE NOT MADE

CHANGED PARAMETERS

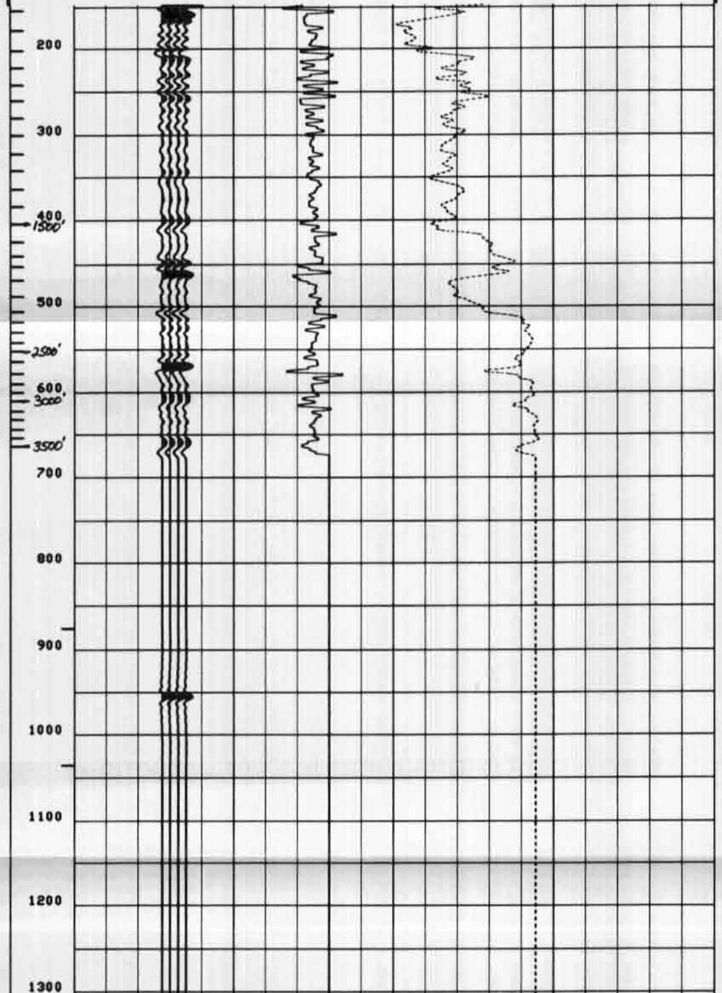
NAME	VALUE	UNIT	DEPTH (F)	NAME	VALUE	UNIT	DEPTH (F)
STAC	2.00000		140.0				

12-96 Hz Klauder

STR1	-5.000	5.0000
STR2	-5.000	5.0000
STR3	-5.000	5.0000
STR4	-5.000	5.0000
REFL	-.5000	.50000
DTC (US/F)	140.00	40.000

CP 27.906

FILE 3 28-JUL-87 02:22
DATA ACQUIRED 27-JUL-87 19:57



NORMAL POLARITY GEOGRAM

GEOGRAM FILM TIME SCALE : 10.00 IN/S
GEOGRAM OUTPUT DEPTH INTERVAL: 100.0 F
GEOGRAM OUTPUT DEPTH END : 900.0 F
GEOGRAM OUTPUT DEPTH START : 3600.0 F

CP 27.906 FILE 3 28-JUL-87 02:21
DATA ACQUIRED 27-JUL-87 19:57

STR1
-5.000 5.0000
STR2
-5.000 5.0000
STR3
-5.000 5.0000
STR4
-5.000 5.0000
REFL
-.5000 .50000
DTC (US/F)
140.00 40.000

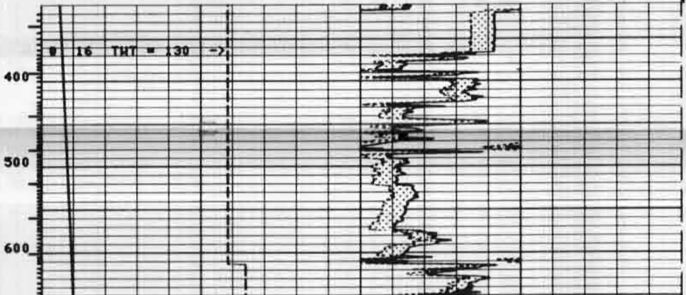
PARAMETERS

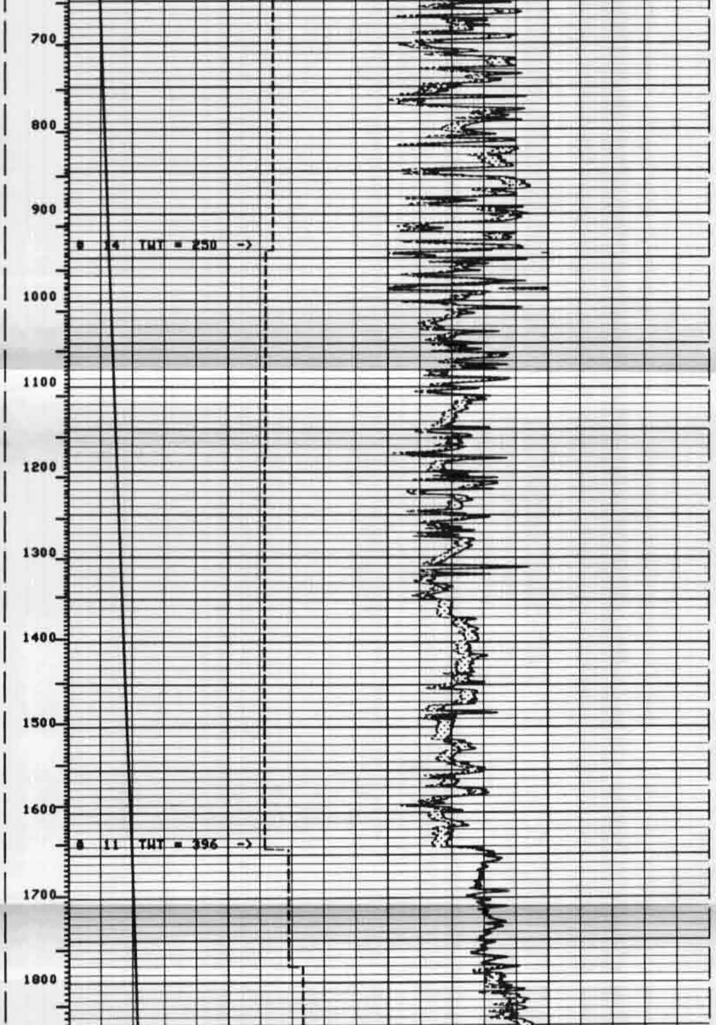
NAME	VALUE	UNIT	NAME	VALUE	UNIT
GFTS	10.0000	IN/S	STAC	2.00000	
ADTM	7.50000	US/F	CDTS	100.000	
DTF	189.000	US/F	DTM	56.0000	US/F
WCFR	25.0000	HZ	SCIN	20	
WEFR	96.0000	HZ	WDUR	8.00000	S
WSNU	40		WSFR	12.0000	HZ
WVTP	KLAU		TSTT	2	MS
BS	7.87500	IN	BHS	OPEN	
PP	NORM		DO	0.0	F

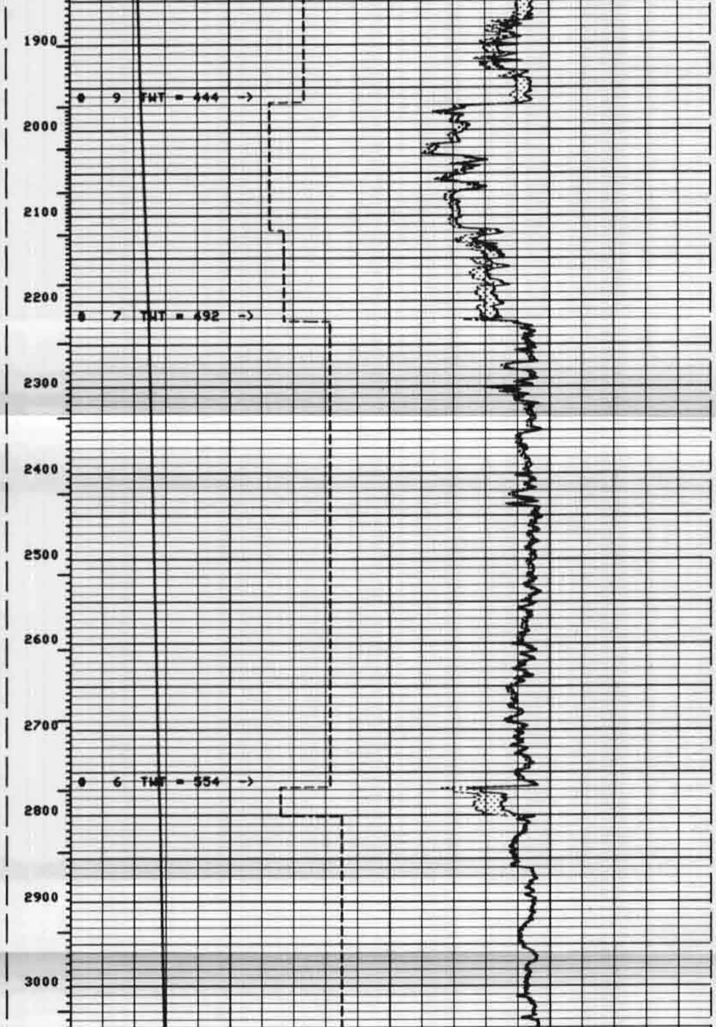
TAPE NOT MADE

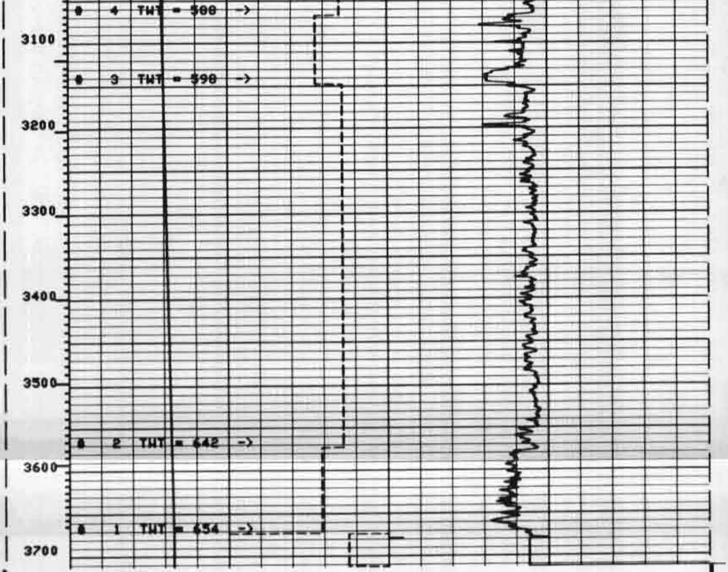
DTC (US/F)
140.00 40.000
TTIM(MS)
0.0 500.00
IVEL(FT/S)
5000.0 25000.
DT (US/F)
140.00 40.000

CP 27.906 FILE 3 28-JUL-87 02:18
DATA ACQUIRED 27-JUL-87 19:57









CP 27.906

FILE 3 28-JUL-87 02:14
DATA ACQUIRED 27-JUL-87 18:43

TTIM(MS)	IVEL(FT/S)	DTC (US/F) 140.00 40.000
0.0 500.00	5000.0 25000.	DT (US/F) 140.00 40.000

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
GFTS	10.0000	IN/S	STAC	1.00000	
ADTM	7.50000	US/F	CDTS	100.000	
DTF	189.000	US/F	DTM	56.0000	US/F
WCFR	25.0000	HZ	SCIN	20	
WEFR	96.0000	HZ	WDUR	8.00000	S
WSMU	40		WSFR	12.0000	HZ
WVTP	KLAU		TSTT	2	MS
BS	7.87500	IN	BHS	OPEN	
PP	NORM		DO	0.0	F

TAPE NOT MADE

PARAMETERS

```
DEPTH - DEPTH CORRECTED TO SRD AND TVD
TTIM  - WST TRANSIT TIME CORRECTED TO TVD AND SRD
IVEL  - WST INTERVAL VELOCITIES
DTWST - WST INTERVAL TRANSIT TIMES
TTI   - CALIBRATED SONIC INTEGRATED TRAVEL TIME
        BOTTOM -> TOP
FFTI  - CALIBRATED SONIC INTEGRATED TRAVEL TIME
        TOP -> BOTTOM
DRIFT - INTERVAL SONIC DRIFT

  LEVEL    DEPTH     TTIM     IVEL     DTWST     TTI      FTTI     DRIFT
   NBR     (F )      (MS)    (FT/S)   (US/F)    (MS)      (MS)     (MS)

   16      371.0     65.0                     245.64      3.20
                             8379.3    119.3                       3.569
   15      614.0     94.0                     220.21     28.63
                            10580.6     94.5                       4.034
   14      942.0    125.0                     193.24     55.60
                             9680.0    103.3                       1.917
   13     1184.0    150.0                     170.16     78.68
                             9583.3    104.3                       1.769
   12     1414.0    174.0                     147.93    100.91
                             9583.3    104.3                       2.083
   11     1644.0    198.0                     126.01    122.83
                            12545.5     79.7                        .231
   10     1782.0    209.0                     115.24    133.60
                            14307.7     69.9                       1.633
    9     1968.0    222.0                     103.88    144.97
                            10000.0    100.0                        .658
    8     2118.0    237.0                      89.53    159.31
                            11777.8     84.9                       1.080
    7     2224.0    246.0                      81.61    167.23
                            17548.4     57.0                       1.374
    6     2768.0    277.0                      51.99    196.85
                            11333.3     88.2                        .579
    5     2802.0    280.0                      49.57    199.28
                            19000.0     52.6                       -.498
    4     3068.0    294.0                      35.07    213.77
                            16000.0     62.5                        .024
    3     3148.0    299.0                      30.09    218.75
                            19363.6     51.6                        .194
    2     3574.0    321.0                       8.29    240.56
                            16666.7     60.0                       -.285
    1     3674.0    327.0                       2.00    246.84
                                0.0      0.0                       0.0
```