OGC #2041 G02964
until 1-18-90

DUAL INDUCTION - SFL
WITH LINEAR CORRELATION LOG

FINAL PRINT
Schlumberger

COMPANY	THE STONE PETROLEUM CORPORATION				
WELL	WILLIAM THIEMAN #1				
FIELD	MILTON PROSPECT				
COUNTY	ATCHISON	STATE	MISSOURI		
LOCATION	2140' FNL & 2140' FWL			Other Services:	DIL SFL GR, DDBHC GR, LDL CNL GR, ML, CYBERLOOK
API SERIAL NO.	SECT. 21	TWP. 64 N	RANGE 39 W		
Permanent Datum	GROUND LEVEL	Elev. 1074.0 F		Elev.: K.B. 1080.0 F	
Log Measured From	KELLY BUSHING	6.0 F above Perm. Datum		D.F. 1079.0 F	
Drilling Measured From	KELLY BUSHING			G.L. 1074.0 F	

Date	16-JAN-89
Run No.	ONE
Depth Driller	4005.0 F
Depth Logger (Schl.)	4006.0 F
Btm. Log Interval	3990.0 F
Top Log Interval	372.0 F
Casing-Driller	8 5/8 @ 372.0 F
Casing-Logger	376.0 F
Bit Size	12 1/4" / 7 7/8"
Type Fluid in Hole	CHEMICAL DRISPAC
Dens. / Visc.	9.20 LB/G / 36.0 S
pH / Fluid Loss	9.5 / 8.4 C3
Source of Sample	FLOWLINE
Rm @ Meas. Temp.	1.79 OHMM @ 62.0 DEGF
Rmf @ Meas. Temp.	1.425 OHMM @ 63.0 DEGF
Rmc @ Meas. Temp.	2.014 OHMM @ 63.0 DEGF
Source: Rmf / Rmc	MEASURED / CALCULATED
Rm @ BHT	1.243 OHMM @ 94.0 DEGF
Circulation Ended	22:30 1/15
Logger on Bottom	00:45 1/16
Max. Rec. Temp.	94.0 DEGF
Equip. / Location	8365 / GREAT BEND
Recorded By	PETER POLT
Witnessed By	ED EBLE

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

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 interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

Run No.	ONE			
Service Order No.	554335			
Drilling Fluid Level				
Salinity	500.0 PPM			
Rmf @ BHT	.988 OHMM	@ 94.0 DEGF		@
Rmc @ BHT	1.396 OHMM	@ 94.0 DEGF		@
Logging Speed	3600.0 F/HR			
EQUIPMENT DATA				
Tool Number 1	DIC DA 1028			
Tool Number 2	DIS EC 1069			
Tool Number 3	SGC JC 2595			
Tool Number 4	SGD TAB 381			
Tool Number 5	IEM BD 1268			
Tool Number 6	NSM 29C2			
Tool Number 7				
Tool Number 8				
Tool Number 9				
Tool Number 10				
Tool Number 11				
Tool Number 12				

REMARKS:

SONDE CENTRALIZED, FOUR FIN, 1.5" USED

500 PPM CHLORIDES FROM MUD REPORT

AFTER SURVEY TOOL CHECK SUMMARY

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PERFORMED:    16-JAN-1989 01:22
PROGRAM FILE: ISN    (VERSION    32.2    88/12/01  88/11/16)

DITD                  TOOL  CHECK

              ZERO                      PLUS
         BEFORE     AFTER         BEFORE     AFTER     UNITS
  ILD     0.0        -.1          500.0      487.9     MM/M
  ILM     0.0         .0          500.0      490.6     MM/M
  SFL     0.0         .1          500.0      501.2     MM/M

ILD SONDE ERROR CORRECTION :        6.9 MM/M
ILM SONDE ERROR CORRECTION :        8.1 MM/M

BEFORE SURVEY:        ZERO: 16-JAN-1989 00:19   PLUS: 16-JAN-1989 00:19
AFTER SURVEY CHECK:   ZERO: 16-JAN-1989 01:21   PLUS: 16-JAN-1989 01:21
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CP 32.2   FILE 7   16-JAN-1989 01:21

BEFORE SURVEY CALIBRATION SUMMARY

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PERFORMED:    16-JAN-1989 00:22
PROGRAM FILE: ISN    (VERSION    32.2    88/12/01  88/11/16)

DITD              ELECTRONICS CALIBRATION SUMMARY

          MEASURED                    CALIBRATED
        ZERO    PLUS               ZERO     PLUS        UNITS
  ILD    .70    517.7              0.0      500.0       MM/M
  ILM    .58    553.9              0.0      500.0       MM/M
  SFL    .21    510.6              0.0      500.0       MM/M

ILD SONDE ERROR CORRECTION :      6.9 MM/M
ILM SONDE ERROR CORRECTION :      8.1 MM/M

ZERO: 16-JAN-1989 00:19  PLUS: 16-JAN-1989 00:19  COMP: 16-JAN-1989 00:19

SGTE              DETECTOR CALIBRATION SUMMARY

         MEASURED
        BKGD    JIG       CALIBRATED      UNITS
  GR     32     172          165          GAPI

                  SHOP SUMMARY

PERFORMED:    09-JAN-1988 14:18
PROGRAM FILE: SHOP   (VERSION    32.2    88/12/01  88/11/16)

DITD              ELECTRONICS CALIBRATION SUMMARY

          TEST LOOP CALIBRATION                    TOOL CHECK
          MEASURED        CALIBRATED               CALIBRATED
        ZERO    PLUS     ZERO     PLUS        ZERO     PLUS    UNITS
  ILD   -2.8    511.9    0.0      468.9       -.0      500.0   MM/M
  ILM   -8.9    534.9    0.0      496.1       0.0      500.0   MM/M
ILD SONDE ERROR CORRECTION :      6.9 MM/M
ILM SONDE ERROR CORRECTION :      8.1 MM/M
                  (IS:1069, IC:1028)
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CP 32.2   FILE 6   09-JAN-1988 14:18

COMPANY	THE STONE PETROLEUM CORPORATION			SCHL. FR	3999.0 F
WELL	WILLIAM THIEMAN #1			SCHL. TD	4006.0 F
FIELD	MILTON PROSPECT			DRLR. TD	4005.0 F
COUNTY	ATCHISON	STATE	MISSOURI	Elev: KB	1080.0 F
				DF	1079.0 F
				GL	1074.0 F

Schlumberger

DUAL INDUCTION - SFL
WITH LINEAR CORRELATION LOG