GL 04475_14

Schlumberger

FOUR – ARM
HIGH RESOLUTION
CONTINUOUS DIPMETER

COUNTY
FIELD
LOCATION
WELL
COMPANY

COMPANY GETTY OIL COMPANY

WELL COLADO 44X-10

FIELD WILDCAT

COUNTY PERSHING STATE NEVADA

LOCATION 3207'N & 2195'E of SW CORNER

API SERIAL NO.	SEC.	TWP	RANGE
	10	27N	32E

Other Services:
DIL - BHC
FDC-CNL-GR

Permanent Datum: GL ; Elev.: 4213
Log Measured From KB 27 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 4240
D.F.
G.L. 4213

Date	5/4/81			
Run No.	2			
Depth—Driller	7965			
Depth—Logger (Schl.)	7965			
Btm. Log Interval	7965			
Top Log Interval	5500			
Casing—Driller	13 3/8 @ 1214	@	@	@
Casing—Logger	1220			
Bit Size	8 1/2			
Type Fluid in Hole	MILGEL, BENEX			
Dens. | Visc.	66 | 34			
pH | Fluid Loss	8.2 | N/C ml	ml	ml	ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	5.66 @ 97 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	6.69 @ 83 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	7.33 @ 88 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M			
Rm @ BHT	1.91 @ 300 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0600			
TIME Logger on Bottom	0130			
Max. Rec. Temp.	300 °F	°F	°F	°F
Equip. | Location	8128 | 4408			
Recorded By	J. FINNELL			
Witnessed By	G. ROSZKOWSKI			

SWS—1500 K

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

REMARKS: Service Order No. 205801 Magnetic Declination 17°

Run No.	1	2	3	4
Tool Type		HDT-E		
HDP		1891		
DDR | TTR		- | -		
DPI		-		
HDM		-		
HDE		-		
HDS		-		
Adapter Head		-		
UG | CG | SAH		- | - | -		
5" Film | 10" Film | 60" Record		X | - | -		
Analog | Digital		- | X		
TIME Circulation Stopped		0600		
TIME Schl. on Bottom		0130		

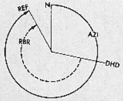
ROLL NO.	INTERVAL

TOOL AZIMUTH AND HOLE DIRECTION CALCULATION

(DHD) HIGH SIDE OF TOOL — Direction from center of tool to upper side of tool.
(N) NORTH — Direction from center of tool to Magnetic North.
(REF) REFERENCE ELECTRODE — Direction from center of tool to #1 electrode.

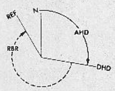
DEFINITIONS

(AZI) AZIMUTH OF REFERENCE ELECTRODE — Clockwise angle from N to REF.
(RBR) RELATIVE BEARING — Clockwise angle from DHD to REF.
(AHD) AZIMUTH OF HOLE DEV. (TOOL AXIS) — Clockwise angle from N to DHD.



LOW ANGLE UNIT ☐

EXAMPLE
HDM - Low Angle Unit (0-36°)
AZI (solid curve) = 330°
RBR (dotted curve) = 230°
AHD = AZI − RBR = 330° − 230° = 100°



HIGH ANGLE UNIT ☒

EXAMPLE
HDM - High Angle Unit (0-72°)
AHD (solid curve) = 100°
RBR (dotted curve) = 230°
AZI = AHD + RBR = 100° + 230° = 330°

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.

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                         PARAMETERS

 NAME  UNIT  VALUE      NAME  UNIT  VALUE      NAME  UNIT  VALUE


 STYP        LW         MCT   DEG   72         BS    INCH  8.500
 DO          0.0        BHS         OPEN       FPHI        PHIX
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      DEVI(DEG )
-2.000          18.00
      RB  (DEG )                              C2  (INCH)
-40.00          360.0      26.00                               6.000
      AZIM(DEG )                              C1  (INCH)
-40.00          360.0      26.00                               6.000
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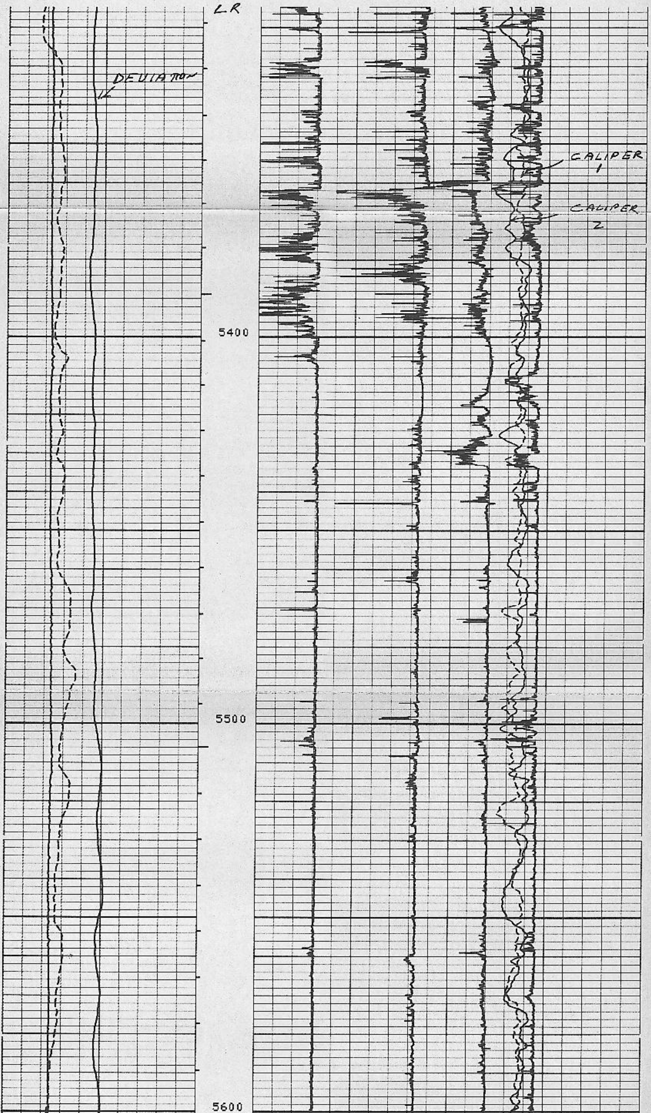
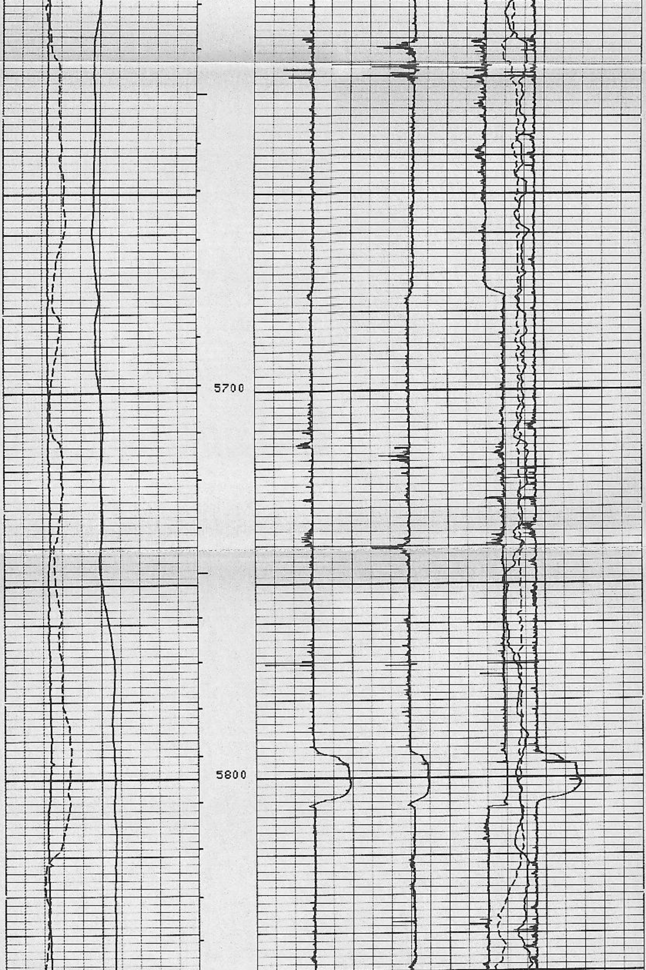
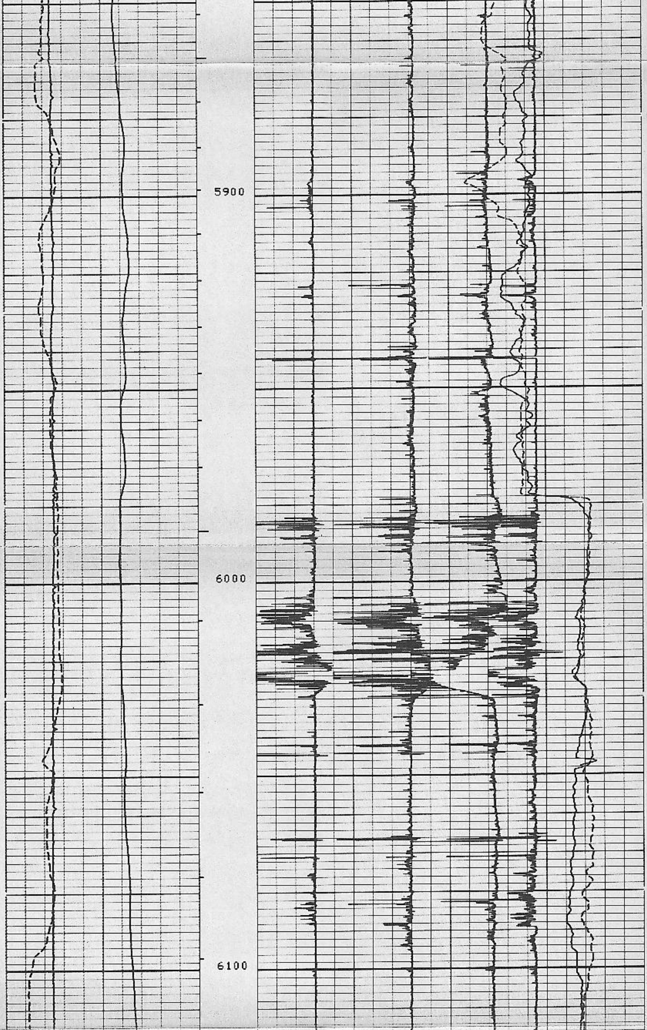
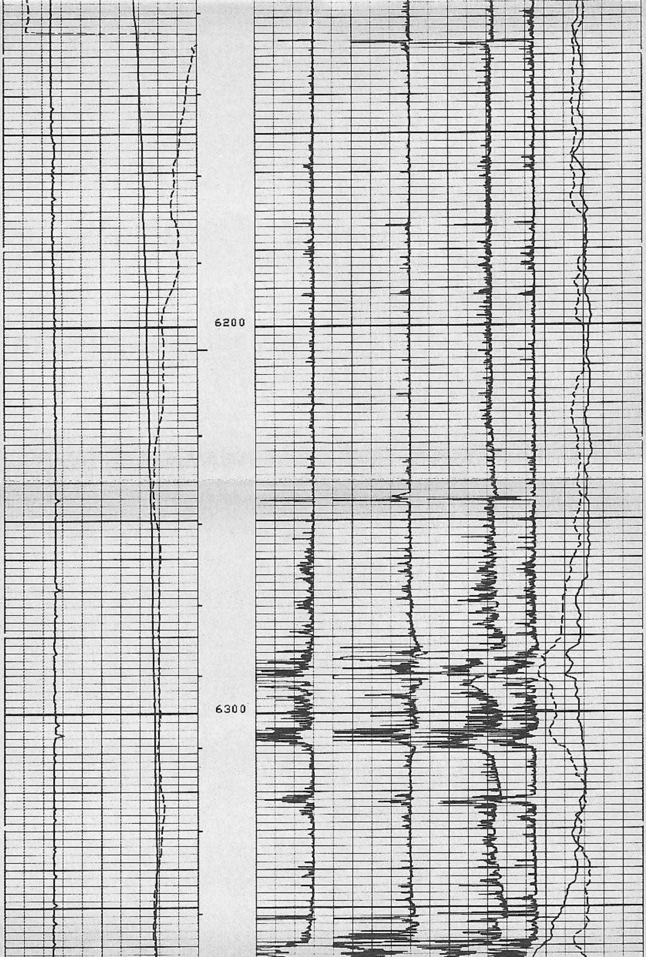
FILE

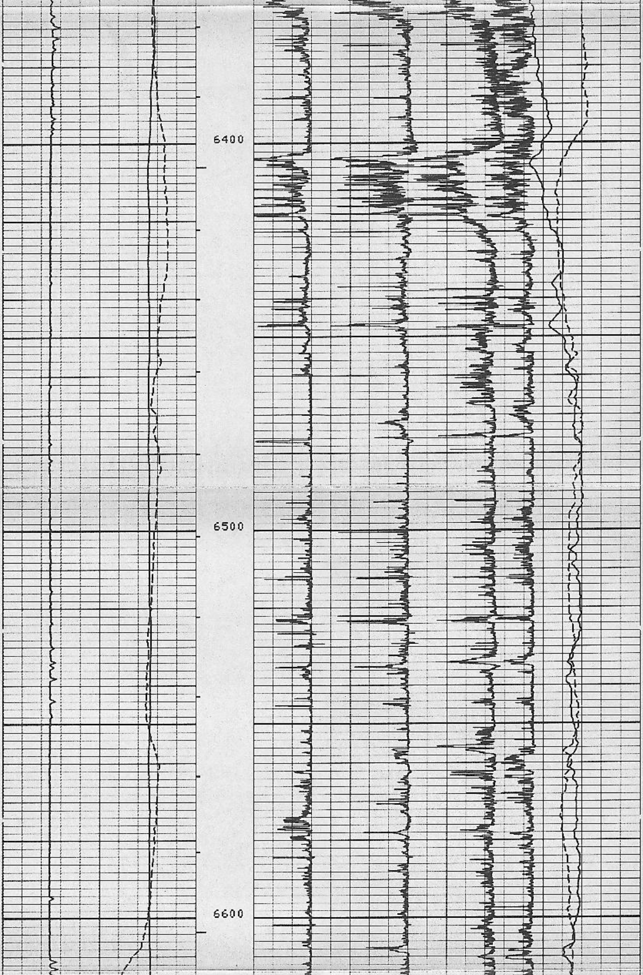
8

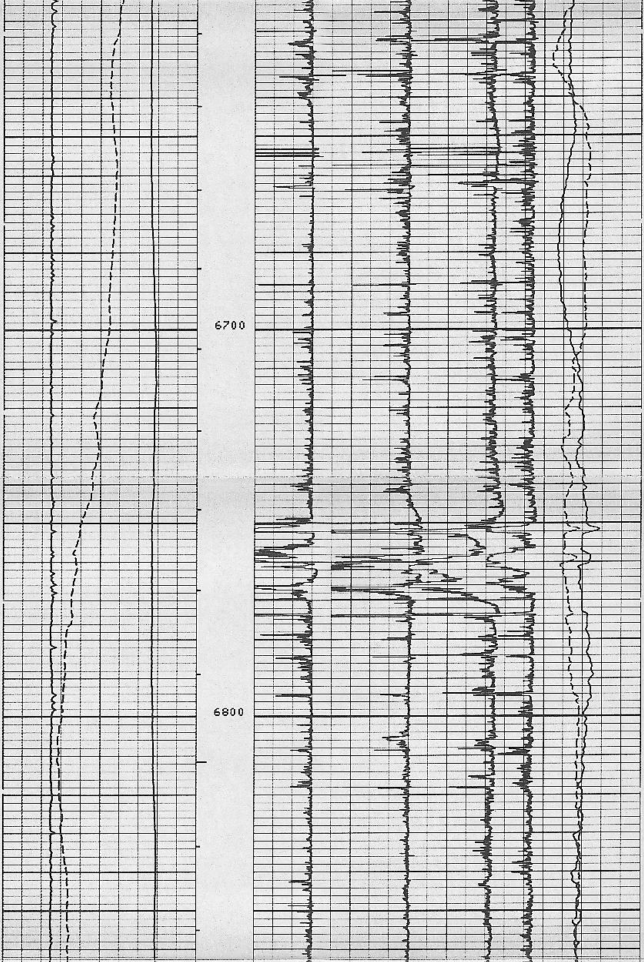


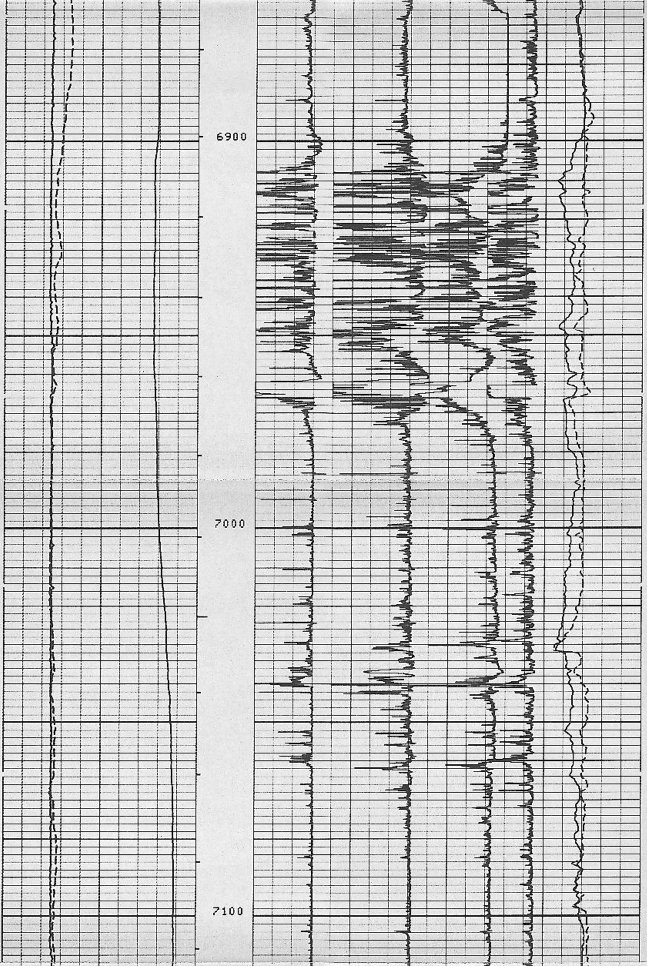


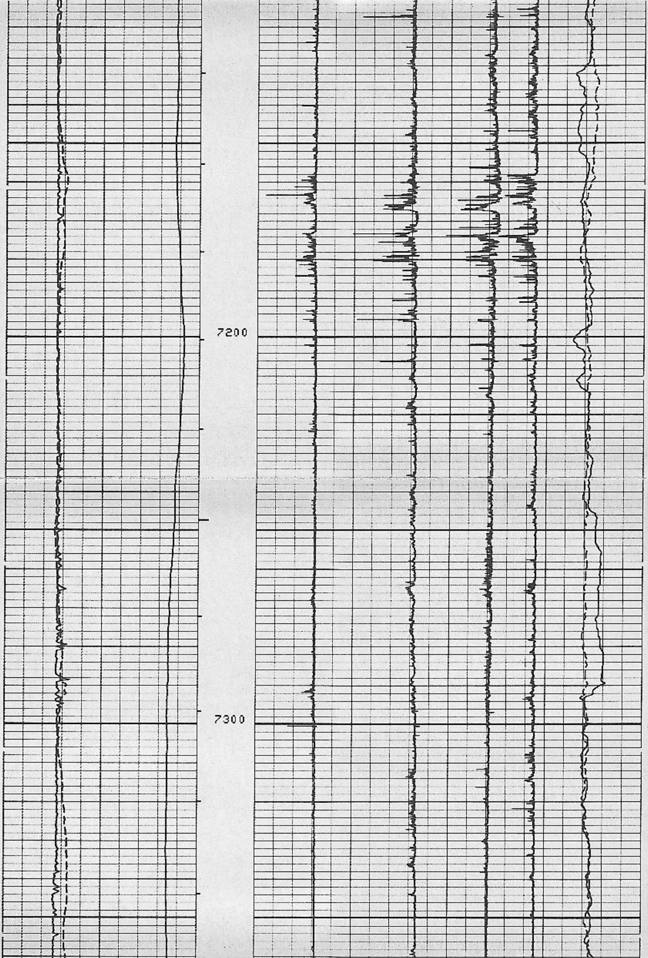


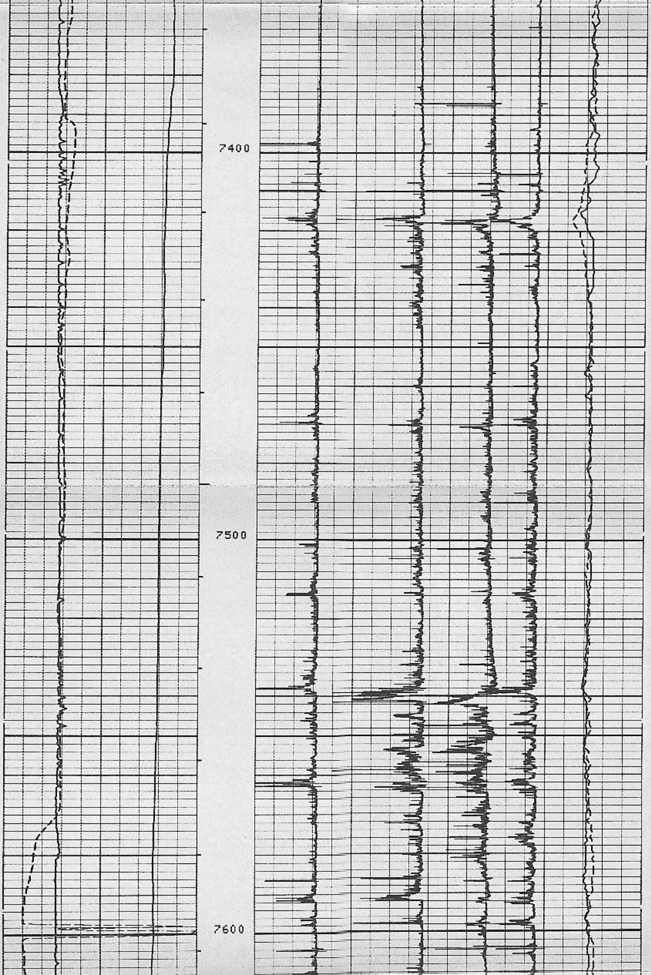


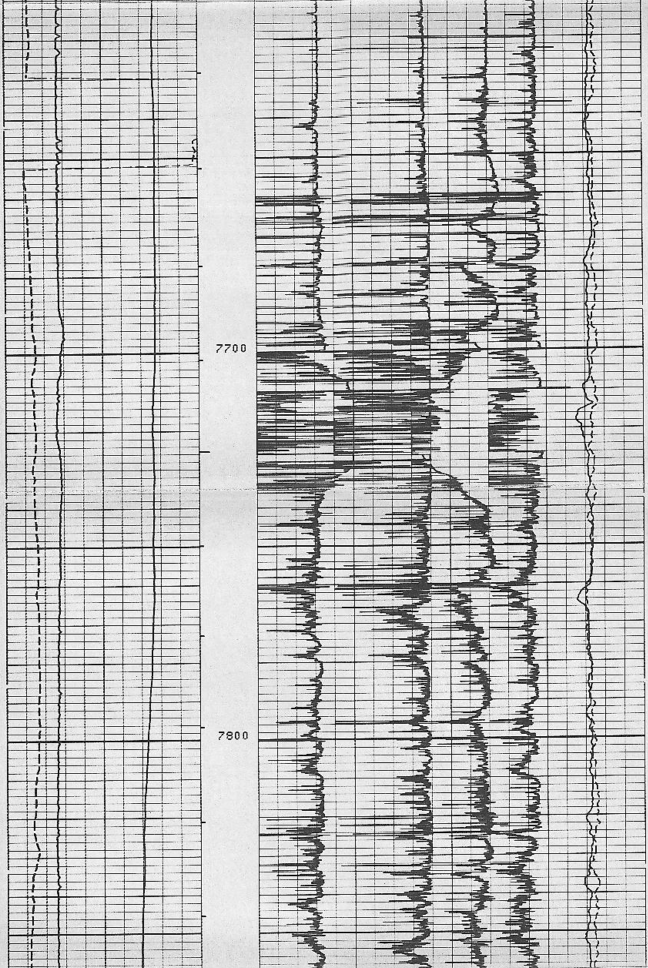


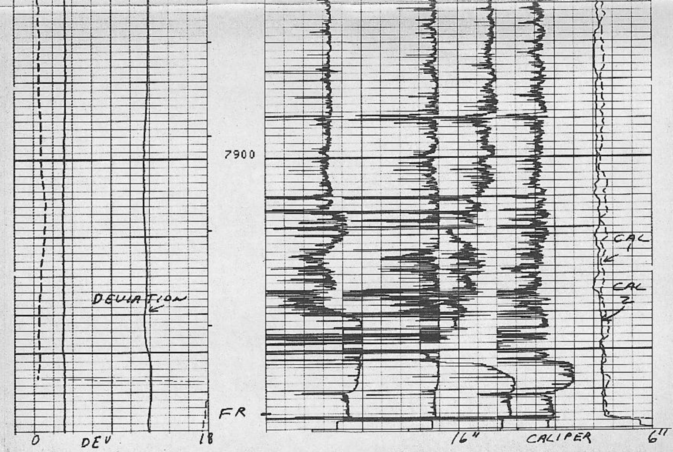












BEFORE SURVEY CALIBRATION SUMMARY

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PERFORMED:      81/05/04
PROGRAM FILE: HDT    (VERSION    18.2    80/ 4/29)

HDT                 CALIPER CALIBRATION SUMMARY

               MEASURED                        [illegible]
              SMALL   [illegible]
     C1         9.5
     C2         [illegible]
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