DUAL INDUCTION-SFL

Schlumberger

COMPANY	HERNDON WELL & SUPPLY
WELL	PRODUCTION WELL #2 (SEE REMARKS) E log #101
FIELD	WEYCO P20
COUNTY	LOWNDES
STATE	MISSISSIPPI
LOCATION	NA
Other Services:	NONE
API SERIAL NO.	
SEC.	SE SW 6
TWP.	17N
RANGE	18E
Permanent Datum	GROUND LEVEL ; Elev.:
Log Measured From	GL ___ Ft. Above Perm. Datum
Drilling Measured From	GL
Elev.: K.B.	NA
D.F.	
G.L.	222

Date	1-16-81			
Run No.	ONE			
Depth—Driller	1304			
Depth—Logger (Schl.)	1314			
Btm. Log Interval	1308			
Top Log Interval	20			
Casing—Driller	24 @ 13	@	@	@
Casing—Logger	20			
Bit Size	9 7/8			
Type Fluid in Hole	REVERT			
Dens. / Visc.	— / —			
pH / Fluid Loss	— / — ml	ml	ml	ml
Source of Sample	—			
Rm @ Meas. Temp.	— @ — °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	— @ — °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	— @ — °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc	— / —			
Rm @ BHT	— @ — °F	@ °F	@ °F	@ °F
TIME: Circulation Stopped	1030			
TIME: Logger on Bottom	1145			
Max. Rec. Temp.	100 °F	°F	°F	°F
Equip. / Location	8010 / COL			
Recorded By	LEBITE-STREETS			
Witnessed By Mr.	YOUNG-MCNARY			

COUNTY ______ FIELD ______ LOCATION ______ WELL ______ COMPANY ______

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

Run No.	ONE			
Service Order No.	154279			
Fluid Level	FULL			
Speed F.P.M.				
Salinity ppm. cl	—			
EQUIPMENT DATA				
Panel	23			
Cartridge	190			
Sonde	194			
Memorizer Panel	CS4			
Centralizer Type	FIN			
Stand-off - Inches	1½"			
G.R. Panel	31			
G.R. Cart	1185			
CALIBRATION DATA				
SBR	1.00			
ILD Sonde Error	SEE			
ILM Sonde Error	LISTING			
S.E. Set In Hole - Depth				
S.E. Corr. - Hole Size				
G.R. Background				
G.R. Source				
T.C. - Cal.				
LOGGING DATA				
SBR				
ILD Sonde Error Log				
ILM Sonde Error Log				
G.R. Scale per 100 Div.				
G.R. - T.C. Log				

SCALE CHANGES

Type Log	DEPTH	Scale Up Hole	Scale Down Hole

REMARKS

FIRST WELL WAS RE-NUMBERED TO #1.

THIS WELL GRID COORDINATES: N 4715 E 4700

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 Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

SPONTANEOUS-POTENTIAL — 10 — + MILLIVOLTS

GAMMA RAY 0 API UNITS 200

RESISTIVITY OHMS. M²/M

SPHERICALLY FOCUSED LOG 0.2 1.0 10 100 1000 2000

MEDIUM INDUCTION 0.2 1.0 10 100 1000 2000

DEEP INDUCTION 0.2 1.0 10 100 1000 2000

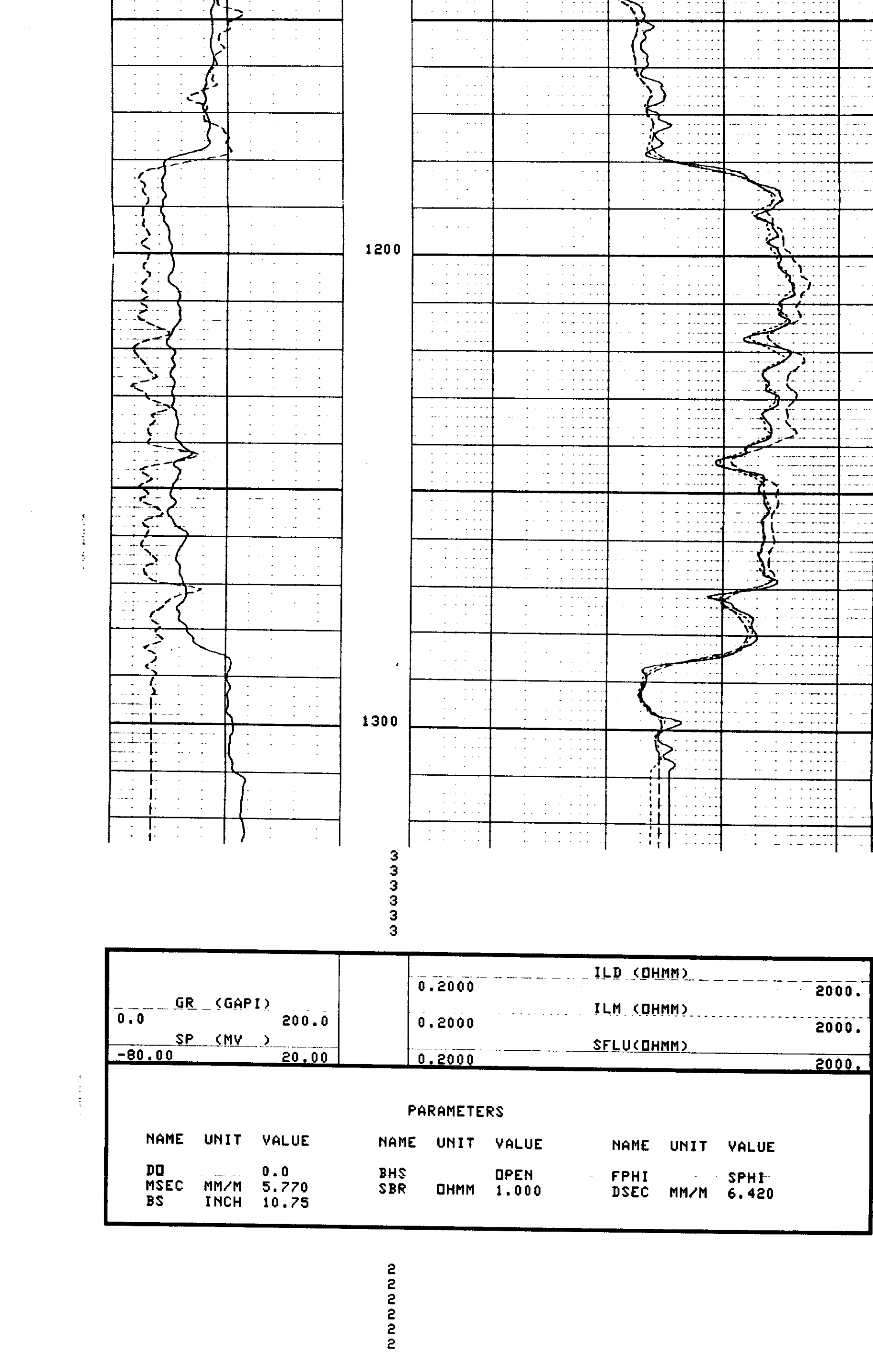
PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DO		0.0	BHS		OPEN	FPHI		SPHI
MSEC	MM/M	5.770	SBR	OHMM	1.000	DSEC	MM/M	6.420
BS	INCH	9.875						

GR (GAPI) 0.0 — 200.0
SP (MV) -80.00 — 20.00
ILD (OHMM) 0.2000 — 2000.
ILM (OHMM) 0.2000 — 2000.
SFLU(OHMM) 0.2000 — 2000.

LOG SECTION

REPEAT SECTION



GR (GAPI) 0.0 — 200.0
SP (MV) -80.00 — 20.00
ILD (OHMM) 0.2000 — 2000.
ILM (OHMM) 0.2000 — 2000.
SFLU(OHMM) 0.2000 — 2000.

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DO		0.0	BHS		OPEN	FPHI		SPHI
MSEC	MM/M	5.770	SBR	OHMM	1.000	DSEC	MM/M	6.420
BS	INCH	10.75						

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 81/01/16
PROGRAM FILE: IS (VERSION 16.4 79/00/00)

DITD — ELECTRONICS CALIBRATION SUMMARY

	MEASURED ZERO	MEASURED PLUS	CALIBRATED ZERO	CALIBRATED PLUS	UNITS
ILD	4.0	548.5	0.0	499.8	MM/M
ILM	3.2	512.9	0.0	500.0	MM/M
SFL	0.4	540.5	0.0	499.9	MM/M

ILM SONDE ERROR CORRECTION : 5.7 MM/M
ILD SONDE ERROR CORRECTION : 6.4 MM/M

SGTE — DETECTOR CALIBRATION SUMMARY

	MEASURED BKGD	MEASURED JIG	CALIBRATED	UNITS
GR	0	0	0	GAPI

AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 81/01/16
PROGRAM FILE: IS (VERSION 16.4 79/00/00)

DITD — TOOL CHECK

	ZERO BEFORE	ZERO AFTER	PLUS BEFORE	PLUS AFTER	UNITS
ILD	0.0	0.3	499.8	501.4	MM/M
ILM	0.0	0.2	500.0	500.8	MM/M
SFL	0.0	0.2	499.9	502.2	MM/M

ILM SONDE ERROR CORRECTION : 5.7 MM/M
ILD SONDE ERROR CORRECTION : 6.4 MM/M

SHOP SUMMARY

PERFORMED: 80/01/07
PROGRAM FILE: SHOP (VERSION 16.4 79/11/20)

DITD — ELECTRONICS CALIBRATION SUMMARY

	MEASURED ZERO	MEASURED PLUS	CALIBRATED ZERO	CALIBRATED PLUS	SONDE ERROR CORR.	TEST LOOP	UNITS
ILD	4.4	553.6	0.0	499.8	6.42	506.9	MM/M
ILM	3.4	517.4	0.0	499.9	5.77	509.1	MM/M

(IS:194 , IC:190)