Schlumberger

DUAL INDUCTION-SFL

COMPANY	HERNDON WELL & SUPPLY
	Elog #102
	P21
WELL	PRODUCTION WELL #3
FIELD	WEYCO
COUNTY	LOWNDES
STATE	MISSISSIPPI
LOCATION	NA
API SERIAL NO.	
SEC	6
TWP	17N
RANGE	18E
Other Services:	NONE

Permanent Datum: G.L. ; Elev.: 219

Log Measured From: ROTARY TABLE ___ Ft. Above Perm. Datum

Drilling Measured From: ROTARY TABLE

Elev.: K.B. NA; D.F. ; G.L. 219

Date	2-3-81			
Run No.	ONE			
Depth—Driller	1339			
Depth—Logger (Schl.)	1336			
Btm. Log Interval	1329			
Top Log Interval	29			
Casing—Driller	24 @ 10	@	@	@
Casing—Logger	—			
Bit Size	7 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
Circulation Stopped	1900			
Logger on Bottom	2130			
Max. Rec. Temp.	100 °F	°F	°F	°F
Equip. / Location	9010 / COL			
Recorded By	WILEY/STRAUSS			
Witnessed By	YOUNG / KINGSMORE			

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

Run No.	ONE			
Service Order No.	105865			
Fluid Level	FULL			
Speed F.P.M.				
Salinity ppm. Cl	—			
EQUIPMENT DATA				
Panel	23			
Cartridge	190			
Sonde	194			
Memorizer Panel	CSU			
Centralizer Type	FIN			
Stand-off - Inches	1½"			
G.R. Panel	31			
CALIBRATION DATA SEE CALIBRATION SUMMARY LISTING				
SBR				
ILD Sonde Error				
ILM Sonde Error				
S.E. Set In Hole - Depth				
S.E. Corr. - Hole Size				
G.R. Background				
G.R. Source				
T.C. - Cal.				
LOGGING DATA SEE CALIBRATION SUMMARY LISTING				
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

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.

SPONTANEOUS-POTENTIAL — 10 MILLIVOLTS

GAMMA RAY API UNITS 0 — 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

AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 81/01/03
PROGRAM FILE: IS (VERSION 16.4 79/00/00)

DITD TOOL CHECK

	ZERO BEFORE	ZERO AFTER	PLUS BEFORE	PLUS AFTER	UNITS
ILD	0.0	0.0	499.8	501.1	MM/M
ILM	0.0	0.2	500.0	499.4	MM/M
SFL	0.0	0.2	499.9	503.2	MM/M

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

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	7.875						

GR (GAPI) 0.0 — 150.0
SP (MV) -160.0 — 40.00
ILD (OHMM) 0.2000 — 2000.
ILM (OHMM) 0.2000 — 2000.
SFLU(OHMM) 0.2000 — 2000.

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	7.875						

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 81/01/03
PROGRAM FILE: IS (VERSION 16.4 79/00/00)

DITD ELECTRONICS CALIBRATION SUMMARY

	MEASURED ZERO	MEASURED PLUS	CALIBRATED ZERO	CALIBRATED PLUS	UNITS
ILD	4.3	552.5	0.0	499.8	MM/M
ILM	3.9	518.2	0.0	500.0	MM/M
SFL	0.4	540.0	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	130	269	165	GAPI