COMPANY	CONOCO
WELL	15-20-09-20
FIELD	BIG A
COUNTY	LEA
STATE	NM
API NO.	30-025-29-0
LOCATION	1980 FNL 660 FEL
LOCATION	1980 FNL 660 FEL
LOCATION	1980 FNL 660 FEL
SECTION	20
TOWNSHIP	20 S
RANGE	37 E
PERMANENT DATUM	GL
LOG MEASURED FROM	KB
DRILLING MEASURED FROM	KB
ELEVATION	3600
ELEVATION	3600
ELEVATION	3600
DATE	15-JUN-89
RUN NUMBER	ONE
TIME LOGGED	0900
DEPTH-DRILLER	12000
DEPTH-LOGGER	12000
BOTTOM LOG INTERVAL	12000
TOP LOG INTERVAL	9000
CASING-DRILLER	13 3/8 @ 1000
CASING-LOGGER	NONE
BIT SIZE	12 1/4
TYPE FLUID IN HOLE	BRINE
DENSITY	10.0
VISCOSITY	40
PH	10.5
FLUID LOSS	10
SOURCE OF SAMPLE	FLOWLINE
RM @ MEAS TEMP	.080 @ 60
RMF @ MEAS TEMP	.080 @ 60
RMC @ MEAS TEMP	.080 @ 60
RM @ BHT	.080 @ 60
TIME CIRC ENDED	0900
TIME LOGGER ON BOTTOM	1000
MAXIMUM TEMP RECORDED	160
BLINE TEMP	60
LOGGING UNIT NO.	SCHLUMBERGER
LOGGING ENGINEER	MORRIS
WITNESS	TERRY

REMARKS:

EQUIPMENT NUMBERS

DIL	DIC 1132	PGC 542	PGM 1244
SDL			
DSN			
CNL			

THIS CHARACTERIZATION AND INTERPRETATION BASED ON CALCULATED FOR ACCEPTANCE, NO WARRANTY OF ACCURACY OR RELIABILITY, EXPRESSED OR IMPLIED, IS MADE BY SCHLUMBERGER WELL SERVICES. SCHLUMBERGER WELL SERVICES WILL NOT BE LIABLE FOR LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OFFICER, AGENT OR EMPLOYEE OF SCHLUMBERGER WELL SERVICES. THIS INTERPRETATION IS SUBJECT TO OUR PROPOSAL AND SCHLUMBERGER WELL SERVICES TERMS AND CONDITIONS.

FILE 1ST 05-JUN-89 09:14
DATA ACQUIRED 05-JUN-89 09:14

FILE 1ST 05-JUN-89 09:14

CALI/DT	14.000	10000	DPHI
GR/CAL/DT	100.000		

OVERLAY MEASURE POINT TO TOOL ZERO

TOOL	10.0 FEET	FROM	10.0 FEET
TOOL	10.0 FEET	TO	10.0 FEET
TOOL	10.0 FEET	TO	10.0 FEET

PARAMETERS:

NAME	VALUE	NAME	VALUE
PS	1	PSTR	0.0000
PW	1	PTEN	0.0000
PRES	0.0000	PTEN	0.0000
PRES	0.0000	PTEN	0.0000
PS	1	PSTR	0.0000
PW	1	PTEN	0.0000

TAPE NO. PAGE

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GR/CAL/DT	100.000		

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TOOL	10.0 FEET	TO	10.0 FEET

PARAMETERS:

NAME	VALUE	NAME	VALUE
PS	1	PSTR	0.0000
PW	1	PTEN	0.0000
PRES	0.0000	PTEN	0.0000
PRES	0.0000	PTEN	0.0000
PS	1	PSTR	0.0000
PW	1	PTEN	0.0000

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TOOL	10.0 FEET	TO	10.0 FEET

PARAMETERS:

NAME	VALUE	NAME	VALUE
PS	1	PSTR	0.0000
PW	1	PTEN	0.0000
PRES	0.0000	PTEN	0.0000
PRES	0.0000	PTEN	0.0000
PS	1	PSTR	0.0000
PW	1	PTEN	0.0000

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GR/CAL/DT	100.000		

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TOOL	10.0 FEET	TO	10.0 FEET

PARAMETERS:

NAME	VALUE	NAME	VALUE
PS	1	PSTR	0.0000
PW	1	PTEN	0.0000
PRES	0.0000	PTEN	0.0000
PRES	0.0000	PTEN	0.0000
PS	1	PSTR	0.0000
PW	1	PTEN	0.0000

TAPE NO. PAGE

BEFORE SURVEY CALIBRATION SUMMARY

PERIODICALL EN/AN
PRIMARY FLDT CAL - CHECKED OK.E EN/11/07

DETECTOR CALIBRATION SUMMARY

DATE	NAME	CALIBRATED	UNITS
	NO DETECTOR CALIBRATION		

DETECTOR CALIBRATION SUMMARY

DATE	NAME	MEASURED	CALIBRATED	UNITS
	NO DETECTOR CALIBRATION			

DETECTOR CALIBRATION SUMMARY

DATE	NAME	MEASURED	CALIBRATED	UNITS
	NO DETECTOR CALIBRATION			

DETECTOR CALIBRATION SUMMARY

DATE	NAME	MEASURED	CALIBRATED	UNITS
CALI	14.000	14.000	14.000	

AFTER SURVEY TOOL CHECK SUMMARY

PERIODICALL EN/AN
PRIMARY FLDT CAL - CHECKED OK.E EN/11/07

TOOL CHECK

DATE	NAME	BEFORE	AFTER	UNITS
		CALIBRATION	CALIBRATION	
MPHI	DPHI	444	444	
MRHO	DRHO	2.000	2.000	

PRIMARY CHANGE (%)MPHI: .00%

TOOL CHECK

DATE	NAME	BEFORE	AFTER	UNITS
		CALIBRATION	CALIBRATION	
MPHI	DPHI	444	444	
MRHO	DRHO	2.000	2.000	

PRIMARY CHANGE (%)MPHI: .00%

FILE 1ST 05-JUN-89 09:15

DMP SUMMARY

PERIODICALL EN/AN
PRIMARY FLDT CAL - CHECKED OK.E EN/11/07

DETECTOR CALIBRATION SUMMARY

DATE	NAME	MEASURED	CALIBRATED	UNITS
	NO DETECTOR CALIBRATION			

DETECTOR CALIBRATION SUMMARY

DATE	NAME	MEASURED	CALIBRATED	UNITS
	NO DETECTOR CALIBRATION			

DETECTOR CALIBRATION SUMMARY

DATE	NAME	MEASURED	CALIBRATED	UNITS
	NO DETECTOR CALIBRATION			

DMP SUMMARY

PERIODICALL EN/AN
PRIMARY FLDT CAL - CHECKED OK.E EN/11/07

DETECTOR CALIBRATION SUMMARY

DATE	NAME	MEASURED	CALIBRATED	UNITS
	NO DETECTOR CALIBRATION			

DETECTOR CALIBRATION SUMMARY

DATE	NAME	MEASURED	CALIBRATED	UNITS
MRT	0.000	0.100	0.097	
			0.117	