CORNISH
WIRELINE SERVICES, INC.

COMPENSATED NEUTRON

DIGITAL OPEN HOLE LOGGING SYSTEM

COMPANY LEMCO, INC.
WELL SWITH NO. 3
COUNTY CASS STATE MO.
API NO.
LOCATION 235' FSL & 2403' FWL
SEC. 22 SEC. 4 TWP. 44N RGE. 33W

OTHER SERVICES
SWITH-TEMPERATURE

PERMANENT DATUM GROUND LEVEL ELEV. 1015L
LOG MEASURED FROM KELLY BUSHING 12 FT. ABOVE PERM. DATUM
DRILL MEASURED FROM GL

RUN NO.	1
DATE	1-4-93
TYPE FLUID IN HOLE	WATER
MAX. REC. TEMP. (°F)	86.4°
ELEV. PERM. DATUM	1015.4'
LOG MEASURED FROM	KELLY BUSHING
DRILL MEASURED FROM	GROUND LEVEL
TOTAL DEPTH DRILLER	1011.4'
TOTAL DEPTH LOGGER	1009.4'
BTM. LOG INTERVAL	1009.4'
TOP LOG INTERVAL	GROUND LEVEL
CASING-DRILLER	6.4"
BIT SIZE	6.25"
TYPE FLUID IN HOLE	WATER
DENSITY / VISCOSITY	8.4
PH / FLUID LOSS	7.0
SOURCE OF SAMPLE	FLOWING
RM @ MEAS. TEMP.	.70 @ 70°
RMF @ MEAS. TEMP.	.70 @ 70°
RMC @ MEAS. TEMP.	.70 @ 70°
SOURCE RMF / RMC	MEASURED / CALCULATED
RM @ BHT	.70 @ 70°
TIME SINCE CIRCULATION	6 HRS.
MAX. REC. TEMP.	86.4°
EQUIPMENT LOCATION	4 MILES
RECORDED BY	SANBORN
WITNESSED BY	MR. MARTIN

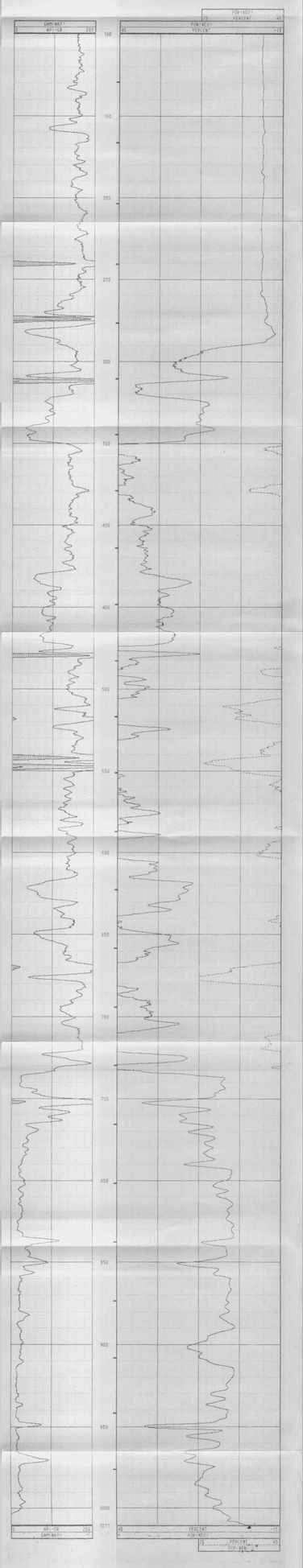
EQUIPMENT TYPE	SCTA
EQUIPMENT NO.	1
LOGGING UNIT	SANBORN, Co.
LOCATION	MARSHALL, Mo.
RECORDED BY	R. FUSSLE, Jr.
WITNESSED BY	

COMPANY : LEMCO
WELL : SWI.H #3
LOCATION/FIELD : 235 FSL 2403 FWL SE/SW/4
COUNTY : CASS
STATE : MO.
SECTION : 22 TOWNSHIP : 44N RANGE : 33W

DATE : 01/06/93 PERMANENT DATUM : GL ELEVATIONS
DEPTH DRILLER : 1020 ELEV. PERM. DATUM : KB : '
LOG BOTTOM : 1010.60 LOG MEASURED FROM: GL DF : NA
LOG TOP : 85.60 DRL MEASURED FROM: GL GL : '

CASING DRILLER : 0 LOGGING UNIT : 201
CASING TYPE : STEEL FIELD OFFICE : CHANUTE
CASING THICKNESS: 7 RECORDED BY : SANBORN

BIT SIZE : 6.25 BOREHOLE FLUID : DRL/FLT FILE : ORIGINAL
MAGNETIC DECL. : RM : 0 TYPE : 92716
MATRIX DENSITY : 2.71 RM TEMPERATURE : 70 LOG : 1
FLUID DENSITY : 1.0 MATRIX DELTA T : PLOT : 06 15
NEUTRON-MATRIX : LIMESTONE FLUID DELTA T : THRESH: 10000
REMARKS :



SWITH NO. 3
LEMCO, INC.
CASS COUNTY, MISSOURI
JANUARY 6, 1993
COMPENSATED NEUTRON

22/44N/33W