G01989

Permit # 21296

MIDWEST SURVEYS

RUNING NO.

COMPANY MAPCO PRODUCTION
WELL McDaniel #32 NO. 32
FIELD RICHARDS POOL LEASE
COUNTY VERNON CO., MO

LOCATION 1736.4' FNL & 2617.2' FEL
SEC 29 TWP 36N RGE 32W

OTHER SERVICES CCL

PERMANENT DATUM G.L. ELEV NA
LOG MEASURED FROM G.L. FT ABOVE PERM DATUM
DRILLING MEASURED FROM G.L.

ELEV K.B. NA
D.F. NA
G.L. NA

DATE	3-17-83	3-17-83
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	NA	NA
DEPTH-LOGGER	228.5	228.5
BOTTOM LOGGED INTERVAL	219.5	227.5
TOP LOGGED INTERVAL	0.0	8.0
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM CL	NA	NA
DENSITY	NA	NA
LEVEL	33.0	33.0
MAX REC TEMP DEG F	NA	NA
OPERATING RIG TIME	NA	NA
RECORDED BY	E. PRATT	E. PRATT
WITNESSED BY	B. MEADOWS	B. MEADOWS

RELEASED

RECEIVED
MAY 06 1983
MO. OIL & GAS COUNCIL

BORE-HOLE RECORD

RUN NO	BIT	FROM	TO

CASING RECORD

SIZE	WGT	FROM	TO
4½"		0.0	T.D.

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO	1 NW	RUN NO	1 NW
TOOL MODEL NO	102	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO	102
DETECTOR MODEL NO	E-1057	DIAMETER	1 11/16"
TYPE	SCINT.	DETECTOR MODEL NO	E-1031
LENGTH	1" x 4"	TYPE	HE-3
DISTANCE TO N. SOURCE	8.0	LENGTH	1" x 6"
		SOURCE MODEL NO	71-1
		SERIAL NO	71-1-355B
		SPACING	13"
		TYPE	AM241BE
		STRENGTH	3 CI

GENERAL

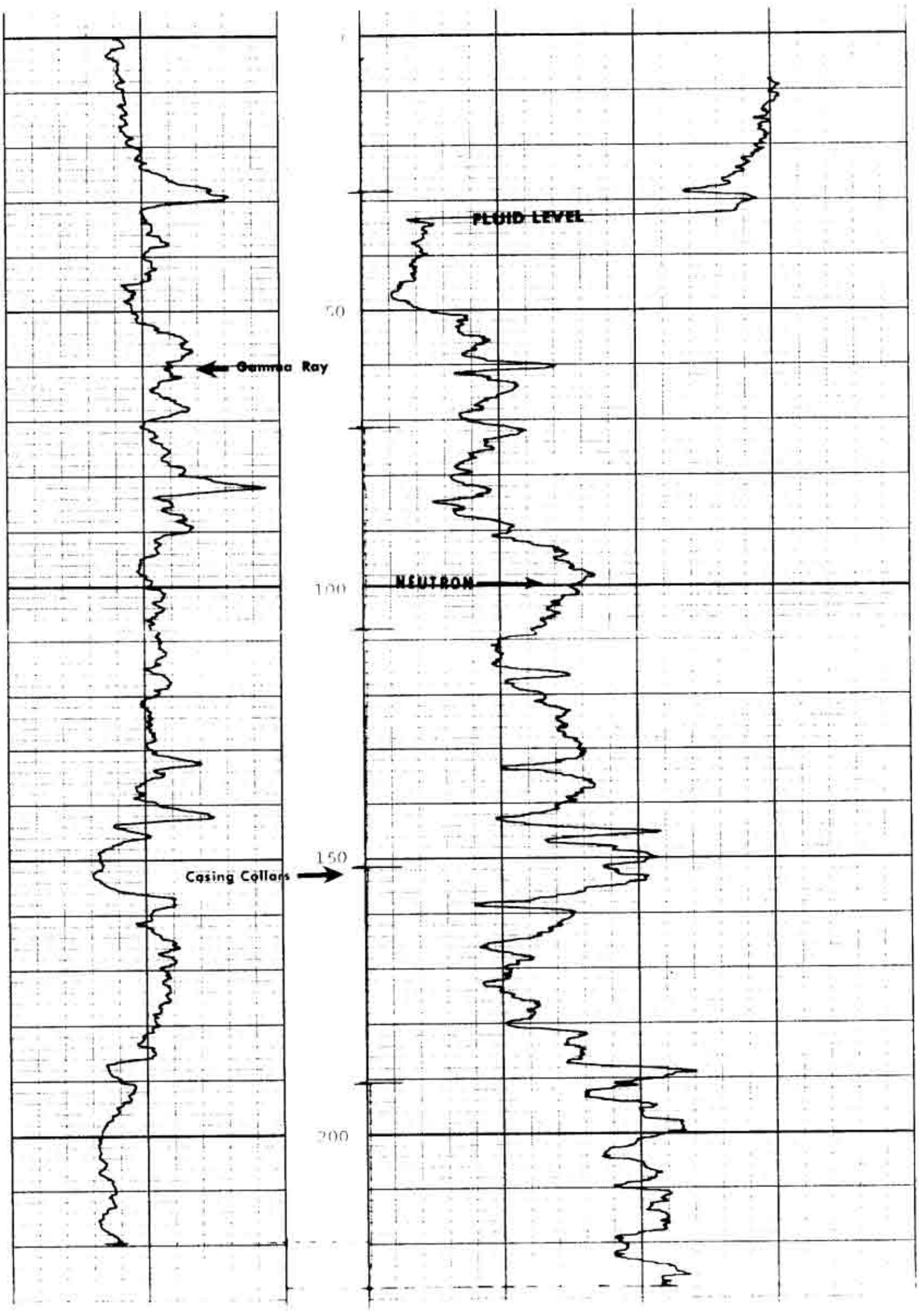
HOIST TRUCK NO.	NA
INSTRUMENT TRUCK NO	102
TOOL SERIAL NO	MS-0001

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC	SENS SETTINGS	ZERO DIV L OR R	API G.R. UNITS PER LOG DIV	T.C. SEC	SENS SETTINGS	ZERO DIV L OR R	API N. UNITS PER LOG DIV
1	0.0	227.5	20	4.0	175/100	2L	10	4.0	125/100	3L	20

REFERENCE LITERATURE 4½" - CEMENTED

REMARKS D.C. WINTER DRILLING CO.



COMPANY	MAPCO Production Co.	GAMMA RAY	T.D. 228.5
WELL	No. 32	GAMMA RAY	R.D. 219.5
LEASE	Richards Pool	NEUTRON	T.D. 228.5
COUNTY	Vernon Co., MO	NEUTRON	R.D. 227.5
DATE	March 17, 1983	CASING SET @	NA