601776

RELEASED

Geologist Log 1/11/91 8mo

MIDWEST SURVEYS
LOGGING & PERFORATING SPECIALISTS
Phone 816 - 833 - 8201
Fax 816 - 833 - 7256

FILING NO.

COMPANY WESTERN ENGINEERING INC.
WELL NO. AD-15A
FIELD BELTON UNIT KNOCHE FIELD
COUNTY CASS
STATE MISSOURI
LOCATION

28510

SEC. 9 TWP. 46N RGE. 33W

PERMANENT DATUM G.L.
LOG MEASURED FROM K.B.
DRILLING MEASURED FROM G.L.

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

OTHER SERVICES CCL

DATE	1-11-90		
RUN NO.	ONE		
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH-DRILLER	617.0	617.0	
DEPTH-LOGGER	611.5	616.0	
BTM. LOG INTERVAL	611.5	615.5	
TOP LOG INTERVAL	011.0	011.0	
TYPE FLUID IN HOLE	OIL	OIL	
SALINITY PPM Cl	NA	NA	
DENSITY	NA	NA	
LEVEL	FULL	FULL	
MAX. REC. TEMP. DEG.F	NA	NA	
EQUIP. LOCATION	NA	NA	
RECORDED BY	S. WINTSCH	S. WINTSCH	
WITNESSED BY	D. STALLINGS	D. STALLINGS	

BORE HOLE RECORD

RUN NO.	BIT	SIZE	FROM	TO
		4 1/2"	0.0	616.0
		6 1/4"	616.0	617.0

CASING RECORD

SIZE	WGT	FROM	TO
8 5/8"		0.0	443.5
7 5/8"		0.0	443.5

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.	705 G	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO.	705 G
DETECTOR MODEL NO.	705 Ge	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO.	705 HE3
LENGTH	1 3/8" x 18"	TYPE	HE-3
DISTANCE TO N. SOURCE	4.5	LENGTH	1" x 6"
		SOURCE MODEL NO.	71-1
		SERIAL NO.	71-1-3548
		SPACING	13"
		TYPE	Am241Be
		STRENGTH	3 CI

GENERAL

HOIST TRUCK NO.	NA
INSTRUMENT TRUCK NO.	104
TOOL SERIAL NO.	Ms-0004

LOGGING DATA

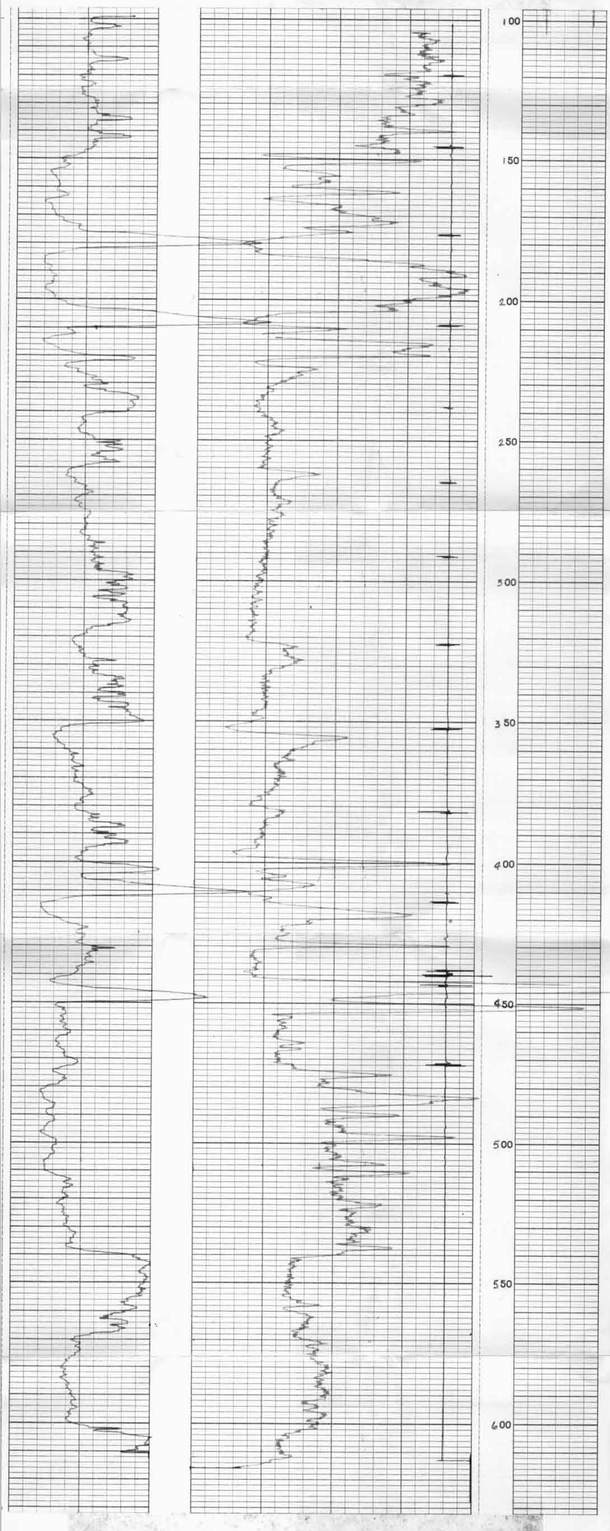
RUN NO.	GENERAL DEPTHS FROM	TO	SPEED FT./MIN	T.C. SEC.	SENS SETTINGS	GAMMA RAY ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	NEUTRON T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	100.0	616.0	25	4.0	0.38/100	2L	20	1.5	4.10/500	3L	20

REFERENCE LITERATURE 4 1/2" OPEN HOLE

REMARKS D.C. COMPANY TOOLS

NEUTRON

GAMMA RAY DEPTH NEUTRON
CASING
COLLARS



COMPANY	WESTERN ENGINEERING INC.	GAMMA RAY T.D.	617.0
WELL	NO. AD-15A	GAMMA RAY R.D.	611.5
LEASE	BELTON UNIT KNOCHE FIELD	NEUTRON T.D.	617.0
COUNTY	CASS, MISSOURI	NEUTRON R.D.	616.0
DATE	JANUARY 11, 1990	CASING SET @	443.5