6

MIDWEST SURVEYS
LOGGING • PERFORATING • CONSULTING SERVICES

COMPANY: WESTERN PETROLEUM, INC.
WELL: 20, AD-13
FIELD: BELLVA FALL
COUNTY: LAKE COUNTY
STATE: MISSOURI
LOCATION: SEC. 4 TWP. 46S RGE. 3W
OTHER SERVICES: CCL

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

ELEV. 0.0 ft. ABOVE PERM. DATUM

PERM. DATUM		
LOG MEASURED FROM	0.0	
DRILL. MEASURED FROM	0.0	

DATE	9-8-87
RUN NO.	1
TYPE LOG	GAMMA RAY
BTM. LOGGED INTERVAL	64
TOP LOGGED INTERVAL	0
TYPE FLUID IN HOLE	AIR
DENS.	
VISC.	
PH	
FLUID LOSS	
SOURCE RM	MEASURED
RM @ MEAS. TEMP.	
RMF @ MEAS. TEMP.	
RMC @ MEAS. TEMP.	
SOURCE RMF	
SOURCE RMC	
RM @ BHT	
TIME CIRC. STOPPED	9:00 AM
TIME LOGGER ON BOTTOM	9:45 AM
MAX. REC. TEMP. °F	90
EQUIP. LOCATION	WINFIELD
RECORDED BY	H. STALLINGS
WITNESSED BY	H. STALLINGS

BORE HOLE RECORD

BIT NO.	FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO

FOLD HERE

THIS READING AND LOG CONFORMS TO API RP 32

EQUIPMENT DATA

GAMMA RAY			NEUTRON		
RUN NO.	1		RUN NO.	1	
TOOL MODEL NO.	102		LOG TYPE	NEU/NEU	
DIAMETER	1 11/16"		TOOL MODEL NO.	102	
DETECTOR MODEL NO.	E-1031		DIAMETER	1 11/16"	
TYPE	NE-1		DETECTOR MODEL NO.	E-1031	
LENGTH	1" x 8"		TYPE	NE-1	
DISTANCE TO W. SOURCE	2.0		LENGTH	1" x 8"	
GENERAL			SOURCE MODEL NO.	71-1	
HOIST TRUCK NO.	90		SERIAL NO.	71-1-3558	
INSTRUMENT TRUCK NO.	102		SPACING	12"	
TOOL SERIAL NO.	[illegible]		TYPE	Am241Be	
			STRENGTH	3 CI	

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	64	30	3.0	1.35/100	OL	10	3.0	1.35/100	OL	20

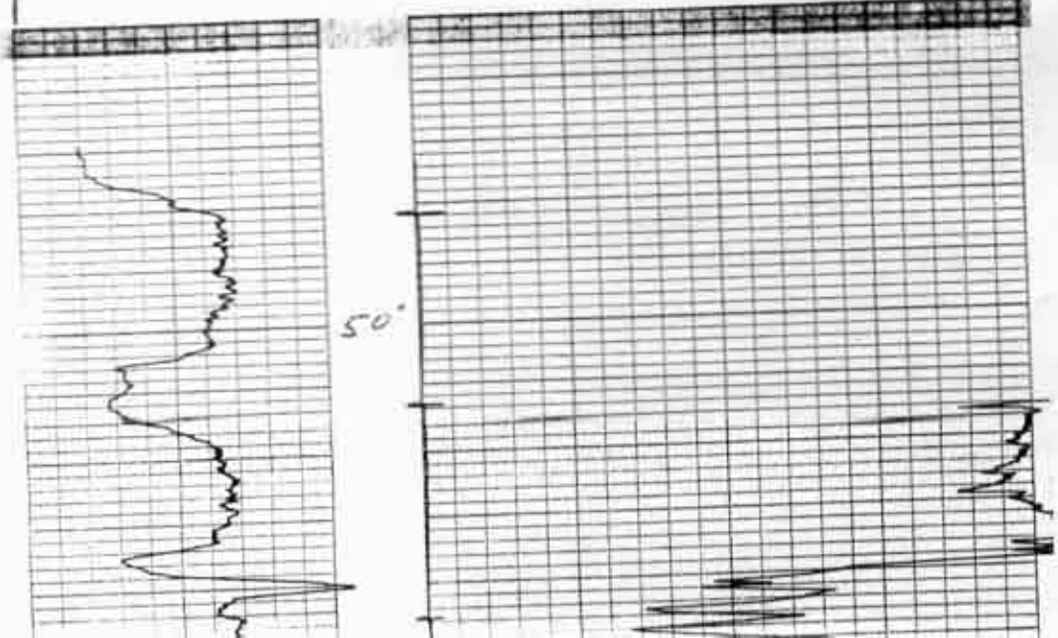
REFERENCE LITERATURE: 1 1/2" OPEN HOLE CALIPER

REMARKS: CLEAR DRILLING COMPANY

NSCO 1824B

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



RECEIVED
DEC 11 1989
MO Oil & Gas Council
Economic Geology

6P3P43