G00053 DGC 20/63

MIDWEST SURVEYS

LOGGING • PERFORATING • CONSULTING SERVICES

Field Office: Paola, Kansas 66071, Box 208, 913/294-4336
Westerville, Kansas: 913/882-6798
Kansas City, Mo. 64138: P.O. Box 11598, 816/356-1973

FILING NO.

COMPANY: CASSCO ASPHALT CO.
WELL: NO. 1
FIELD: ROGERS LEASE
COUNTY: CASS COUNTY, MO
LOCATION: 1380'FSL 1560'FEL
SEC. 19 TWP. 45N RGE. 32W

PERMANENT DATUM: G.L. ELEV. 980
LOG MEASURED FROM: G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM: G.L.

OTHER SERVICES: CCL, PERFORATE

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

DATE	7-16-81	7-16-81
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	611.7	611.7
DEPTH—LOGGER	603.7	610.7
BOTTOM LOGGED INTERVAL	300.0	307.0
TOP LOGGED INTERVAL	WATER	WATER
TYPE FLUID IN HOLE		
SALINITY, PPM CL		
DENSITY	FULL	FULL
LEVEL		
MAX. REC. TEMP., DEG F.		
OPERATING RIG TIME	TRAFF	TRAFF
RECORDED BY	HAWPHRY	HAWPHRY
WITNESSED BY		

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO
2 3/8		0.0	T.D.

SEP 07 1981

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	7.0	LENGTH	1" x 6"
		SOURCE MODEL NO.	71-1
GENERAL		SERIAL NO.	71-1-355B
HOIST TRUCK NO.	NA	SPACING	13"
INSTRUMENT TRUCK NO.	102	TYPE	AM241BE
TOOL SERIAL NO.	MS-0001	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	300.0	610.7	20	4.0	600/100	2L	10	3.0	300/100	3L	20

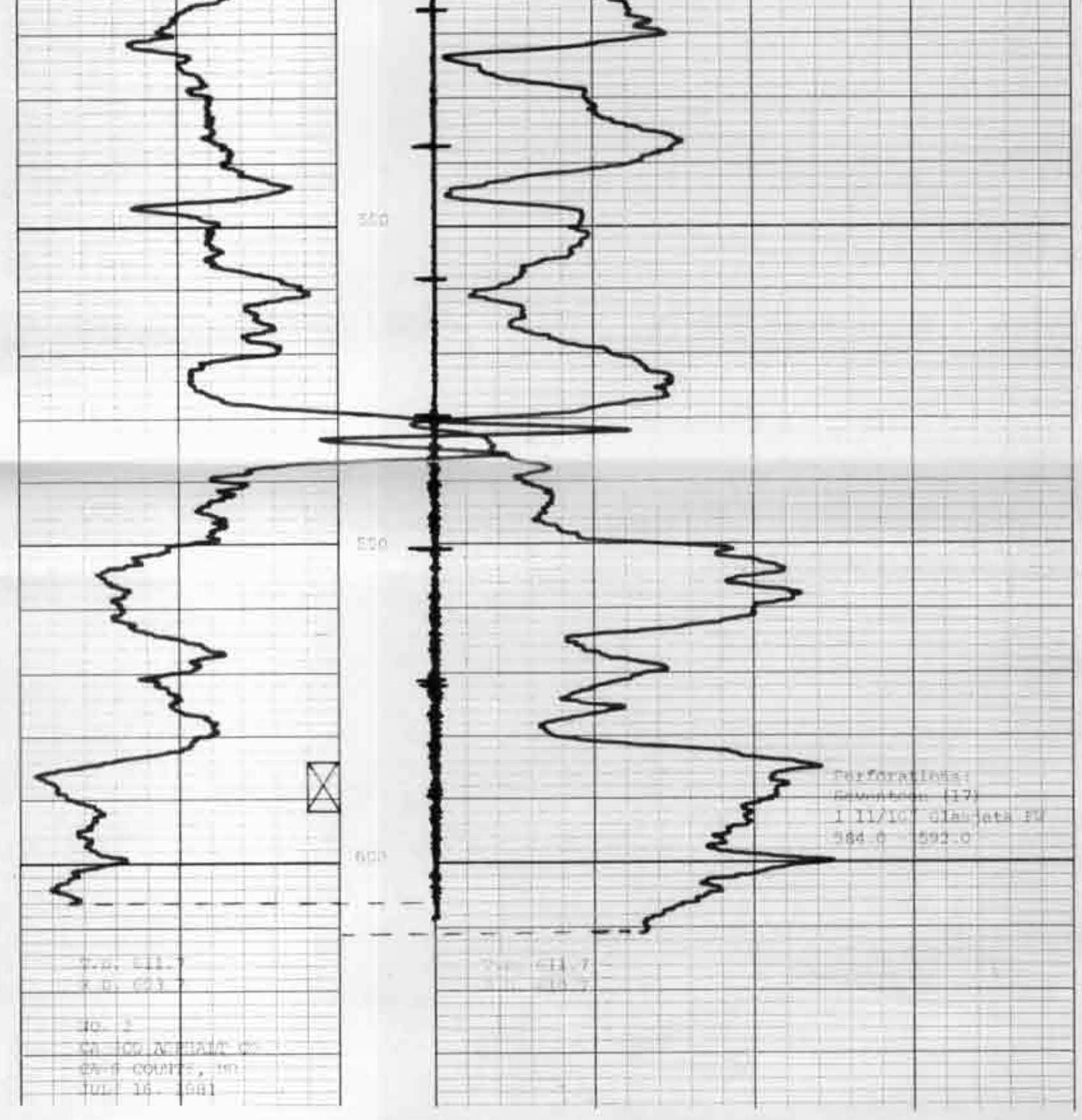
REFERENCE LITERATURE: 2 3/8" - CEMENTED

REMARKS: D.C. COMPANY TOOLS

NSCO 14280

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



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THIS HEADING AND LOG CONFORMS TO API RP 33