60169

Permit #20661

20661

MIDWEST SURVEYS

LOGGING • PERFORATING • CONSULTING SERVICES

Fast Zone
Fort Scott 66701
316 223-2500
316 254-6328

Harper City, Kan. 67058
P.O. Box 1388
316 392-5976

FILING NO

COMPANY RHODEN INVESTMENT CO.

WELL NO. 51-I

FIELD MERRYVALE FARM LEASE

COUNTY JACKSON CO., MO

RELEASED 5/9/84

5/4/84 Jm

LOCATION 2904' NSL & 1853' WEL

OTHER SERVICES: CCL PERFORATE

SEC 33 TWP 47N RGE 33W

PERMANENT DATUM	G.L.	ELEV.	NA	ELEV. K.B.	NA
LOG MEASURED FROM	G.L.	FT. ABOVE PERM. DATUM		D.F.	NA
DRILLING MEASURED FROM	G.L.			G.L.	NA

DATE	5/9/83	5/9/83
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	580.0	580.0
DEPTH-LOGGER	565.0	565.0
BOTTOM LOGGED INTERVAL	556.0	564.0
TOP LOGGED INTERVAL	100.0	108.0
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM Cl.	NA	NA
DENSITY	NA	NA
LEVEL	FULL	FULL
MAX. REC. TEMP. DEG F	NA	NA
OPERATING RIG TIME	NA	NA
RECORDED BY	E. PRATT	E. PRATT
WITNESSED BY	C. RANDALL	C. RANDALL

RECEIVED JUN 30 1983 MO. OIL & GAS COUNCIL

RUN NO.	BIT	BORE-HOLE RECORD FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				4½"		0.0	T.D.

THIS MEASURED AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY	
RUN NO.	1 NW
LOG NO.	1 NW
TOOL MODEL NO.	1-11/16"
DIAMETER	1-11/16"
DETECTOR MODEL NO.	E-1067
TYPE	G.M.
LENGTH	6.0 ft.
DISTANCE TO H. SOURCE	8.0

GENERAL	
HOISE TRUCK NO.	NA
INSTRUMENT TRUCK NO.	102
TOOL REPAIR NO.	MC-0001

NEUTRON	
RUN NO.	1 NW
LOG NO.	102 AMS
TOOL MODEL NO.	1-11/16"
DIAMETER	1-11/16"
DETECTOR MODEL NO.	BF-31
TYPE	BF-3
LENGTH	1- 8.0"
SOURCE MODEL NO.	1- 1-3518
SOURCE NO.	1- 1-3518
SPACING	13"
TYPE	AMERLINE
STRENGTH	1 CI

LOGGING DATA

GENERAL RUN NO.	SPEED FT. MIN.	DEPTHS FROM	TO	GAMMA RAY C.C. SEC.	SENS. SETTINGS	DIV. / DB #	PEN DEG DIV.	NEUTRON C.C. SEC.	SENS. SETTINGS	DIV. / DB #	PEN DEG DIV.
1	100.0	564.0	20	4.0	125/100	2L	10	5.0	125/100	3L	20

REFERENCE LITERATURE: 4½" - CEMENTED

REMARKS: E.O. TOWN OIL CO.

GAMMA RAY DEPTH NEUTRON CASING COLLARS