G00995

Permit #20560

MIDWEST SURVEYS

LOGGING • PERFORATING • CONSULTING SERVICES

Field Office
Paola, Kansas 66071
913-294-2125

Kansas City, Mo. 64138
P.O. Box 11868
816-358-1570

FILING NO.

COMPANY CLARK S. RHODEN DBA ENGLEVALE OIL CO.

WELL NO. A-4

FIELD McDONALD LEASE

COUNTY JACKSON CO., MO

RECEIVED
AUG 26 1982
MO. OIL & GAS COUNCIL

LOCATION 1490' FNL & 236' FWL

SEC. 22 TWP 47N RGE 33W

OTHER SERVICES

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	8-4-82	8-4-82
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	520.0	520.0
DEPTH—LOGGER	510.6	510.6
BOTTOM LOGGED INTERVAL	505.1	509.6
TOP LOGGED INTERVAL	100.0	104.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP., DEG. F.	NA	NA
OPERATING RIG TIME		
RECORDED BY	REM RAWSON	REM RAWSON
WITNESSED BY	C. RANDALL	C. RANDALL

CONFIDENTIAL
RELEASED

BORE-HOLE RECORD				CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
	9 5/8	0.0	17.0	OPEN HOLE		0.0	520.0

TOOL TYPE

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 GR	DIAMETER	1 11/16"
TYPE	GM TUBE	DETECTOR MODEL NO.	HP-3 HE3
LENGTH	18"	TYPE	HP-3
DISTANCE TO N. SOURCE	4 5/8" x	LENGTH	1" x 6"
		SOURCE MODEL NO.	71-1
		SERIAL NO.	71-1-3348
		SPACING	NA
		STRENGTH	2.2CI

GENERAL	
HOIST TRUCK NO.	NA
INSTRUMENT TRUCK NO.	NA
TOOL SERIAL NO.	MS-0004

LOGGING DATA

GENERAL					GAMMA RAY					NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SECS	SENS SETTINGS	ZERO DIV.	API G.R. UNITS API G.R. DIV.	T.C. SECS	SENS SETTINGS	ZERO DIV.	API N. UNITS API N. DIV.
1	100.0	509.6	20	3.0	550/100	2L	10	2.0	510/100	3L	20

REFERENCE (LITERATURE) OPEN HOLE - NOT CEMENTED

REMARKS E.C. TOWN OIL CO.

NEUTRON

GAMMA RAY DEPTH NEUTRON
CASING COLLARS

COMPANY Clark S. Rhoden DBA Englevale Oil Co. GAMMA RAY T.D. 510.6
WELL No. A-4 GAMMA RAY R.D. 505.1
LEASE McDonald NEUTRON T.D. 510.6
COUNTY Jackson Co., MO NEUTRON R.D. 509.6
DATE August 4, 1982 CASING SET @ 520.0