G01642

Permit #20365

MIDWEST SURVEYS
LOGGING • PERFORATING • CONSULTING SERVICES

Field Office: Paola, Kansas 66071, Box 329, 913-294-4208
Wellsville, Kansas: 913-883-4799
Kansas City, Mo. 64130: P.O. Box 11088, 816-506-1573

FILING NO.

COMPANY: ~~McGOWN DRILLING CO.~~ Prairie Energy, General Energy of Lowa County

WELL: NO. 1

FIELD: WORKMAN LEASE

COUNTY: CASS COUNTY, MO

LOCATION: 732.0 FSL - 2537.0 FEL (SW-SE) 24-037-20061

SEC. 4 TWP. 46N RGE. 33W

OTHER SERVICES: CCL, PERFORATE

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

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

DATE	3-9-82	3-9-82
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	575.0	575.0
DEPTH—LOGGER	555.5	555.5
BOTTOM LOGGED INTERVAL	550.5	554.5
TOP LOGGED INTERVAL	100.0	104.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY		
LEVEL	100.0	100.0
MAX. REC. TEMP., DEG F	NA	NA
OPERATING RIG TIME		
RECORDED BY	REM RAWSON	REM RAWSON
WITNESSED BY	G. McGOWN	G. McGOWN

RECEIVED
DEC 13 1982
OIL & GAS COUNCIL

RUN NO.	BIT	BORE-HOLE RECORD FROM	TO	#	CASING RECORD SIZE	WGT	FROM	TO
					2 3/8"		0.0	T.D.
					7"		0.0	20.0

THIS HEADING AND LOG CONFORMS TO API RP 33

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EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
LOG MODEL NO.	NEW GRU	LOG MODEL NO.	NEW GRU
DIAMETER	1 11/16"	DIAMETER	1 11/16"
DETECTOR MODEL NO.	705 GE	DETECTOR MODEL NO.	705 HE3
TYPE	GEIGER	TYPE	HE-3
LENGTH	1 3/8" x 18"	LENGTH	1 3/8" x 6"
DISTANCE TO SOURCE	4.5	DISTANCE TO SOURCE	71-1
		SOURCE MODEL NO.	71-1-3548
		SERIAL NO.	13"
		SPACING	20241BE
		TYPE	3 Ci
		STRENGTH	

GENERAL

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

LOGGING DATA

GENERAL				GAMMA RAY						NEUTRON			
RUN NO.	DEPTHS FROM	TO	SPEED FT/MIN	T.C. SECS	SENS. CPS/FS	ZERO DIV.	API G-R UNITS PER LOG DIV.	T.C. SECS	SENS. CPS/FS	ZERO DIV.	API N UNITS PER LOG DIV.
1	100.0	554.5	20	3.0	600/100	2L	10	4.0	500/100	3L	20

REFERENCE LITERATURE: 2 3/8" - CEMENTED

REMARKS: D.C. McGOWN DRILLING CO.

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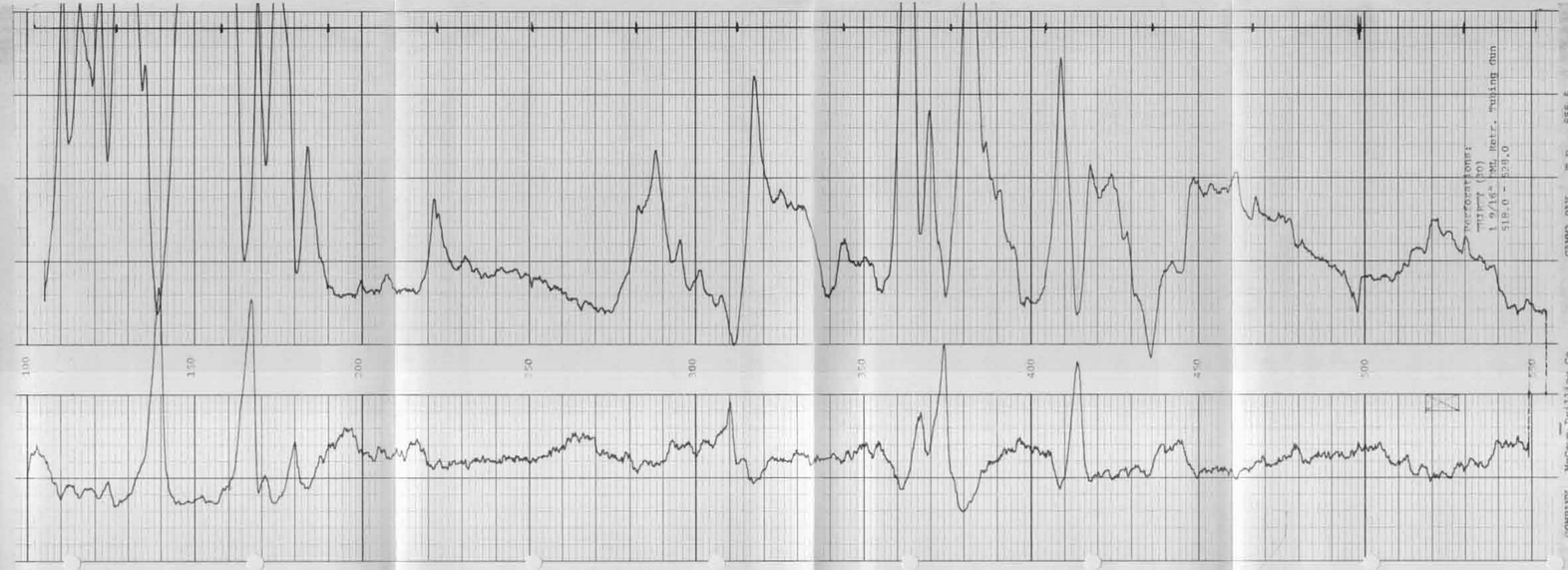
GAMMA RAY NEUTRON

DEPTH CASING COLLARS



Footer Tones:
Mixer (Pc)
1 9/16" Det. Heter. Pulsing Gun
5110.0 - 5294.0

COMPANY	McGown Drilling Co.	GAMMA RAY	T.D. 555.5
WELL	NO. 1	GAMMA RAY	R.D. 550.5
LEASE	Workman	NEUTRON	T.D. 555.5
COUNTY	Cass - MO.	NEUTRON	R.D. 554.5
DATE	March 9, 1982	CASING SIZE @	NA