601978

Permit # 20385

MIDWEST SURVEYS

LOGGING • PERFORATING • CONSULTING SERVICES

Field Office: Pleasant Hill, Kansas 64071 — Phone 288 — 913-294-4326

Kansas City, Mo. 64108 — P.O. Box 11598 — 816-358-4910

FILING NO.

COMPANY: PRAIRIE ENERGY CORP.

WELL: NO. 4

FIELD: KNOCHE LEASE

COUNTY: CASS CO., MO

LOCATION: 643' FSL & 2157' FWL

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	4/19/83	4/19/83
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	NA	NA
DEPTH—LOGGER	543.0	543.0
BOTTOM LOGGED INTERVAL	537.5	542.0
TOP LOGGED INTERVAL	100.0	104.5
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	REM RAWSON	REM RAWSON
WITNESSED BY	N. POWELL	N. POWELL

RECEIVED JUN 30 1983 MO. OIL & GAS COUNCIL

RELEASED

5-24-84 lm

BORE HOLE RECORD				CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				2 3/8"		0.0	T.D.

EQUIPMENT DATA

	Gamma Ray	Neutron
Run No.	1 NW	1 NW
Log Type	GR	NEU/NEU
Tool Model No.	705 G	705 HR3
Diameter	1 11/16"	1 11/16"
Detector Model No.	GP-PP	HE-3
Type	GP-PP	HE-3
Length	1 3/8" x 18"	16 x 6"
Distance to Source	4.5"	21-1
Source Model No.		13-2
Source Type		AM241BE
Spacing		3 CI
Strength		

GENERAL

Hoist Truck No.	NA
Instrument Truck No.	104
Tool Serial No.	MS-0004

LOGGING DATA

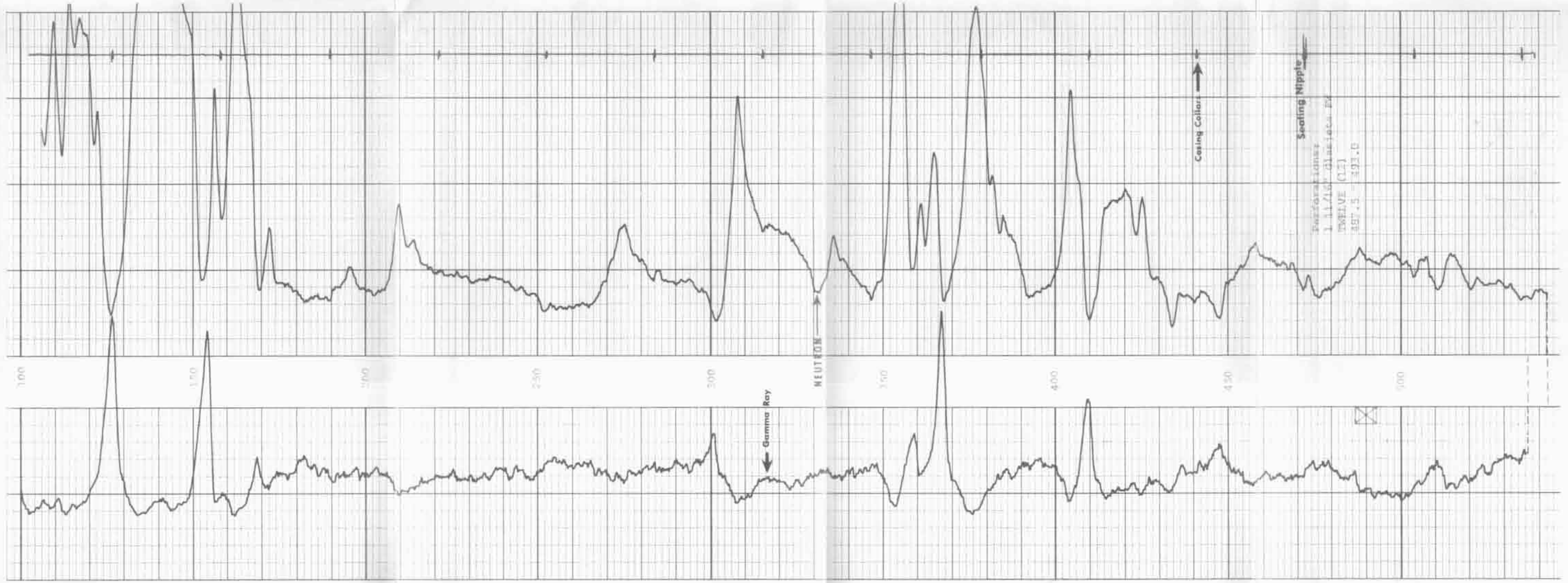
	Gamma Ray	Neutron
Run No.	1	1
Speed FT/MIN	25	25
Time Const. SEC.	2.0	2.0
Series Settings	450/100	375/100
Div. Cal. #	2E	3L
API Units Per Log Div.	10	20
Time Const. SEC.		2.0
Series Settings		375/100
Div. Cal. #		3L
API Units Per Log Div.		20

General Depths: From 100.0, To 542.0

Reference Line Depth: 2 3/8" - CEMENTED

Remarks

GAMMA RAY — DEPTH — CASING COLLARS — NEUTRON



GAMMA RAY	T.D. 543.0
GAMMA RAY	R.D. 537.5
NEUTRON	T.D. 543.0
NEUTRON	R.D. 542.0
CASING SET @	NA

COMPANY	Prairie Energy Corp.
WELL	No. 4
LEASE	Knoche
COUNTY	Cass Co., MO
DATE	April 19, 1983