JIM STEGEMAN
GEOLOGICAL CONSULTANT

2091 ... Wood
Olathe, Ks. 66062
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DRILLING TIME & SAMPLE LOG

OPERATOR C+W Oil Producers
LEASE & WELL NO. Ingraham # 2
FIELD
LOCATION 1315 SNL 2475 EWL NW¼
SEC 15 TWP 47 S. RGE 33 W.
COUNTY Jackson STATE Missouri

CONTRACTOR Big E Drilling
SPUD DATE 9/16/82 HOLE SIZE 5⅞
COMP DATE 9/17/82 TOTAL DEPTH
SURFACE CSG. 4'
PRODUCTION CSG. 2⅞ set
SURVEYS Location, elevation, no logs as of 9-17-82

K.B.
D.F.
G.L. 970
Measurements are all from: G.L.
ELEVATIONS

WELLSITE GEOLOGIST Jim Stegeman
SAMPLE INTERVAL 10 ft. FROM 160 TO watched to TD.
MUD TYPE Air mist
REMARKS Very simple descriptions

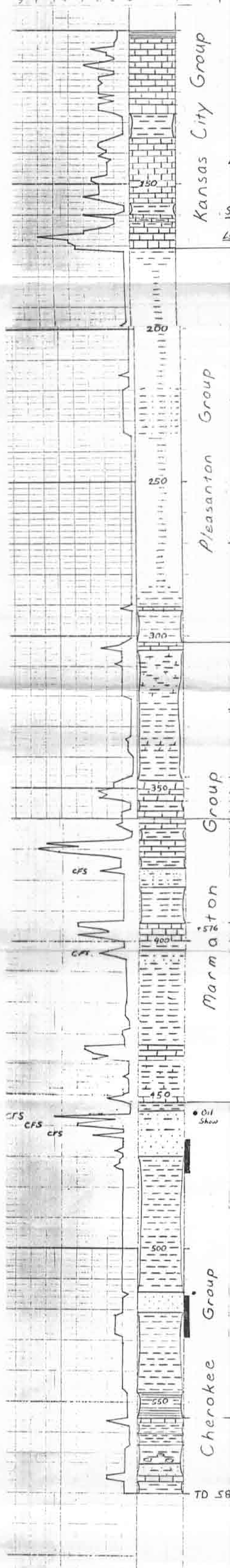
SEP 2 ... 1984
MO. OIL & GAS COUNCIL

FORMATION TOPS	DEPTH	ELEVATION	SAMPLES
Base Kansas City	171	+799	170.0
Altamont Ls.	346	+624	347.0
Coal City Ls. Mar	366	+604	367
F. ... Cherokee	400	+570	402

LEGEND FOR LITHOLOGY

Sandstone, Shaley Sand, Shale, Limestone, Limy Shale

DRILLING TIME 9 7 5 4 3 2 1 0 | LITHOLOGY / FM. | DESCRIPTIONS



Sh, blk.

Lm., wh., dns, no-fos.

Sh. Blk.

Ls., white, dense, non fossiliferous

Sh., ... gray

Sh., light gray, silty to sandy from 220-234

Sh., gray

E-line

Sh. - very small amount of red underclay

Sh. - sandy and calcareous, light green-gray.

Sh. - green-gray (Nowata)

Altamont Ls., light almond grey, fine grained.

Sh.

Coal ... Ls. ...

Sh., Bandera Quarry - gray

Ls. Pawnee Ls., light brown, fine grained, slight oil show

Sh.

Sd. - gray shaly + silty, poor porosity, no odor no stain

Sh. gray - green Sh.

Myrick Station Ls. - Blk at top to gray bottom, almond at base, fine grained

Sh. - Blk fossils

Sh. - Variegated

Ls. gy-lt. to brown, fine grained, no fossils, slight show

Sh. - red, gray, green, calcareous variegated calcareous

Sh. - Dark gray (Excello)

Sh. (Lagonda) - gray

Sand - Blk, med grained, good porosity, good saturation, good show, dull show.

Sh. - gray

Sh. - Gray to blk.

Sh. limy, very fossiliferous, ... pelecypods

Sh. - orange, ... limestone in gray Sh.

Verdigris Ls., light brown to yellow brown with ...

TD 580