

SAMPLE DESCRIPTION

Pike County
Pee Pee Township
VM5L-8942

Katex Oil Co. #1 Easterday
Permit No. 33
Sample No. 1659
GL - 750
KB - 762

Samples generally poor because of cavings.

Top of Black River (first lithographic limestone and bentonite):
2330' (-40')

0 - 2750 Not examined

2750 - 2770 Limestone, sublithographic to fine grained, dolomitic in part, light yellowish-brown to very light brownish-gray (clayey) white; trace of dolomite, fine crystalline, medium brown; heavy trace of shale (cavings).

2770 - 2780 Misplaced sample (Trenton limestone and shale)

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2780 - 2810 Limestone as in 2750'.

2810 - 2830 Limestone as above with trace of shale, medium brown, slightly greenish, calcareous, waxy-looking.

2830 - 2850 As above; trace of shale, dolomitic, bright to medium green.

2850 - 2855 As above; trace of limestone; very fine grained, dolomitic to very dolomitic, very light grayish-brown (Wells Creek lithology).

2855 - 2860 50% very light grayish-brown limestone as above (dolomite in part) and limestone as above, heavy trace of shale, mostly cavings.

2860 - 2870 Limestone and dolomite, very light grayish-brown as above; trace of shale.

2870 - 2885 As above and shale, bright, light and light medium green shale and limestone, sublithographic to fine grained as above.

2885 - 2890 Dolomite, limy, micro-very fine crystalline, very light gray to yellowish-gray (Wells Creek?); limestone sublithographic dense, light and medium brown; shale dolomitic, green as above; trace of chert, medium brown.

2890 - 2895 As above; trace of sand, medium grained, rounded.

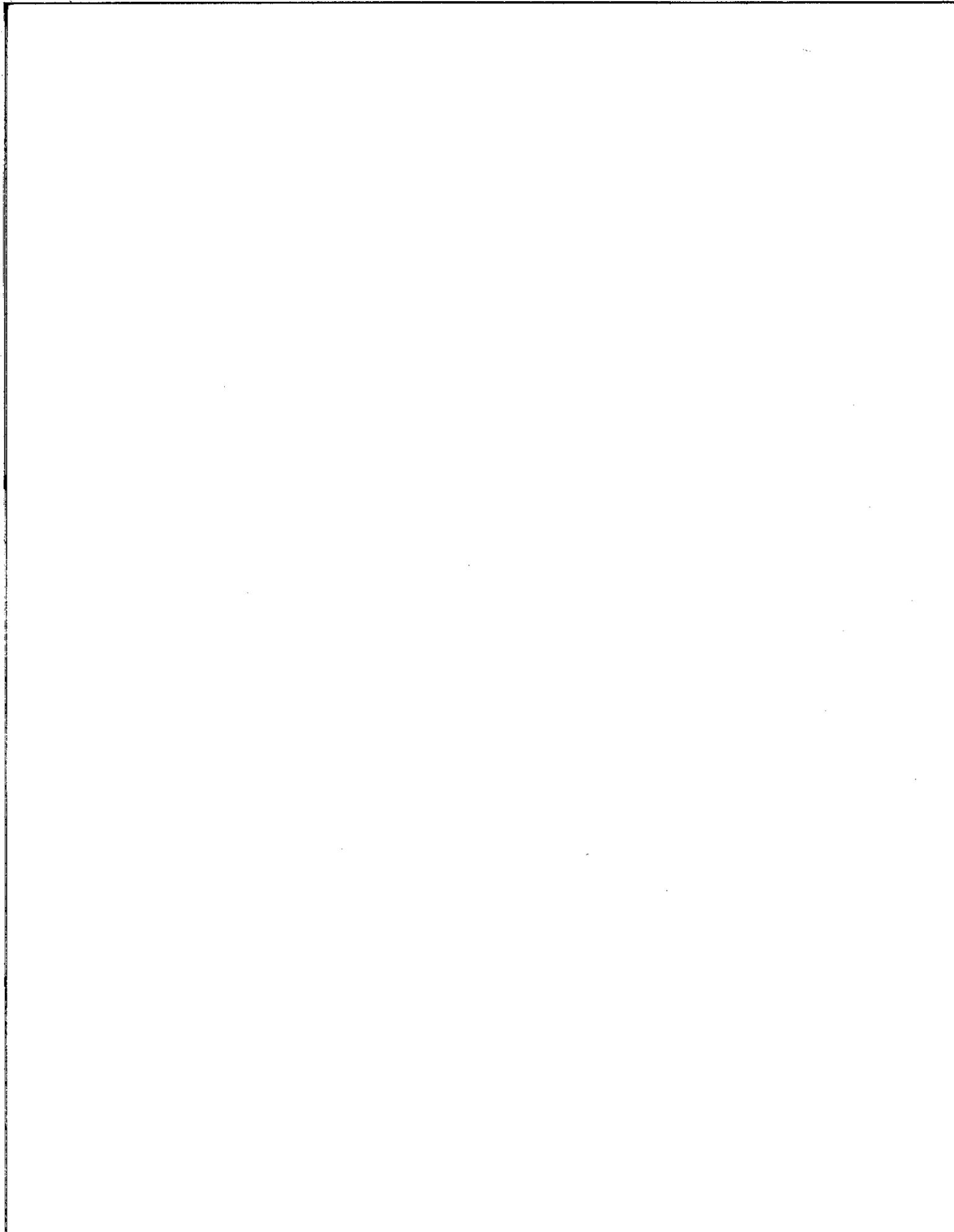
Top knox 2895 (2885?)

2895 - 2900 As above; shale and dolomite in part sandy; sand fine to medium grained.

2900 - 2910 Sand, fine to coarse grained, mostly medium, well sorted; rounded, trace of sandstone, dolomitic medium grained; abundant limestone and shale as above.

2910 - 2915 Sand as above; most of sample is shale caving.

2915 - 2925 Sand as above.



- 2925 - 2930 Sand as above; dolomite fine to coarse crystalline, sandy, light gray to yellowish-gray.
- 2930 - 2935 As above; dolomite is slightly glauconitic.
- 2935 - 2940 Dolomite and sand as above; dolomite predominates.
- 2940 - 2945 Dolomite, fine to medium crystalline, sandy, very light gray to yellowish-brown and brownish-gray; trace of chert, pseudo-oolitic in part, white; heavy trace of sand as above.
- 2945 - 2955 Dolomite fine to medium crystalline, slightly sandy, glauconitic, light brown to light grayish-brown; trace of shale, very glauconitic bright green; trace of sand and sandstone as above.
- 2955 - 2960 Dolomite, very fine and fine crystalline, silty, very light gray and brownish-gray.
- 2960 - 2965 Dolomite, very fine and medium crystalline, sandy, slightly glauconitic very light gray and grayish-brown; heavy trace of sand, fine to medium grained, subangular to rounded.
- 2965 - 2970 As above; trace of chert, oolitic, white.
- 2970 - 2975 Dolomite, very fine to fine crystalline, glauconitic, very light brown and grayish to yellowish-brown.
- 2975 - 2980 As above; trace of chert, oolitic, white.
- 2980 - 2990 As above; dolomite in part cherty and oolitic.
- 2990 - 3005 Dolomite, very fine to medium crystalline, sandy, glauconitic, fair inter-crystalline porosity in part, very light yellowish-brown and yellowish-gray; trace of chert, oolitic, white.
- 3005 - 3015 Dolomite, very fine and fine crystalline, very slight glauconitic, very light yellowish-brown to yellowish-gray.
- 3015 - 3020 Dolomite fine and medium crystalline, slightly glauconitic, medium brown; dolomite as above.
- 3020 - 3030 As above; heavy trace of chert, white oolitic.
- 3030 - 3050 Dolomite, fine and medium crystalline, very light to light yellowish-gray; trace of chert, oolitic, white.
- 3050 - 3065 Dolomite as above and dolomite fine and medium crystalline, medium brown.
- 3065 - 3070 Dolomite very fine and fine crystalline, light grayish to yellowish-brown and medium brown; sandstone, very fine grained, dolomitic, glauconitic, light to medium gray and grayish-brown.
- 3070 - 3075 Dolomite, very fine and fine crystalline, very fine sandy, light and medium brown to grayish-brown.
- 3075 - 3080 Dolomite, very fine crystalline, very light yellowish-brown.

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- 3265 - 3270 Dolomite very fine crystalline, slightly sandy (very fine sand), white to very light yellowish-gray; dolomite fine to medium crystalline, light yellowish-brown and light brown; trace of chert, white.
- 3270 - 3280 No samples
- 3280 - 3290 Dolomite fine to medium crystalline, very light yellowish-gray to light yellowish-brown; trace of sandstone, glauconitic, dolomitic, very fine grained grading into white dolomite; fine to medium crystalline dolomite has fair vuggy porosity in part.
- 3290 - 3300 Dolomite fine to medium crystalline, good vuggy porosity in part medium brown; minor sandstone, dolomitic, slightly glauconitic, very fine grained, medium brown to grayish-brown.
- 3300 - 3310 Dolomite fine to medium crystalline, oil-stained (?) in part, medium brown; dolomite fine crystalline, slightly sandy, very light grayish-brown to light brown; trace of sandstone fine grained, white.
- 3310 - 3315 Dolomite as above; trace of chert, white.
- 3315 - 3320 No samples
- 3320 - 3325 Dolomite very fine to fine crystalline, very light yellowish-brown.
- 3325 - 3330 No samples
- 3330 - 3345 Dolomite and sandstone as above; minor sandstone very fine to fine grained, glauconitic, dolomitic, white to very light gray.
- 3335 - 3345 Dolomite and sandstone as above; trace of chert, white.
- 3345 - 3360 Dolomite and sandstone as above; dolomite in part very light yellowish-gray.
- 3360 - 3365 Dolomite fine to medium crystalline, light to medium brown; dolomite very fine crystalline, slightly glauconitic, very fine sandy.

T.D. 3365'

Logged by A. Janssens
March, 1968

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- 3080 - 3085 Dolomite fine and medium crystalline, fair inter-crystalline porosity in part, light to medium brown.
- 3085 - 3090 As above, no porosity.
- 3090 - 3095 Dolomite as above; dolomite very fine to medium crystalline, light yellowish-gray; trace of chert, oolitic, white and brown.
- 3095 - 3105 Dolomite medium to coarse crystalline, slightly vuggy porosity, medium brown; dolomite very fine crystalline, light yellowish-brown; trace of chert, oolitic as above.
- 3105 - 3110 Dolomite, very fine to fine crystalline, very light gray and light medium brown, sandy in part; sand is medium to coarse grained, rounded; dolomite is pseudo-oolitic in part; heavy trace of chert, very light gray and white, oolitic in part.
- 3110 - 3115 Dolomite as above.
- 3115 - 3125 Dolomite very fine crystalline, silty, light yellowish-gray.
- 3125 - 3135 Dolomite as above and light brown and grayish-brown.
- 3135 - 3140 As above and dolomite, fine to medium crystalline, fair inter-crystalline porosity, medium brown.
- 3140 - 3155 Dolomite very fine to fine crystalline, very light yellowish-brown to light brown.
- 3155 - 3170 Dolomite very fine to fine crystalline, very light yellowish-gray and yellowish-brown and light brown, trace of chert, white, rough.
- 3170 - 3175 Dolomite, very fine crystalline, very fine sandy, white to very light yellowish-gray; trace of chert, white.
- 3175 - 3180 Dolomite as above and dolomite fine to medium crystalline, light to medium brown; trace of chert, white.
- 3180 - 3185 Dolomite as above.
- 3185 - 3195 Dolomite fine to medium crystalline, very light yellowish-brown to light brown.
- 3195 - 3205 Dolomite as above; trace of chert, white.
- 3205 - 3220 Dolomite as above and dolomite, very fine crystalline, white to very light yellowish-gray, slightly sandy (very fine sand).
- 3220 - 3250 As above; trace of chert, white.
- 3250 - 3265 As above; minor fair inter-crystalline porosity in part, fine to medium crystalline dolomite.

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GARY COLE, ET AL 1935

SUMMARY DATA FILE

COUNTRY :US
STATE :OH
COUNTY/REGION/PROSPECT :PIKE T# 33
LOCATION :PEE PEE TWP VMSL 8942
WELL/SITE :W.EASTERDAY#1 KATEX OIL CO.
API/OCS :-

DEPTH FT.	SAMPLE NO.	FORM	TOC KG/TN	S1 KG/TN	S2 KG/TN	HI
420	WE5923		4.81	1.55	22.55	468.81
460	WE5924					
490	WE5925		5.12	2.00	32.14	627.73
520	WE5926					
550	WE5927		4.46	0.89	21.16	474.43
580	WE5928					

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GARY COLF, ET AL 1985

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