

Pintail Peacock
Sam

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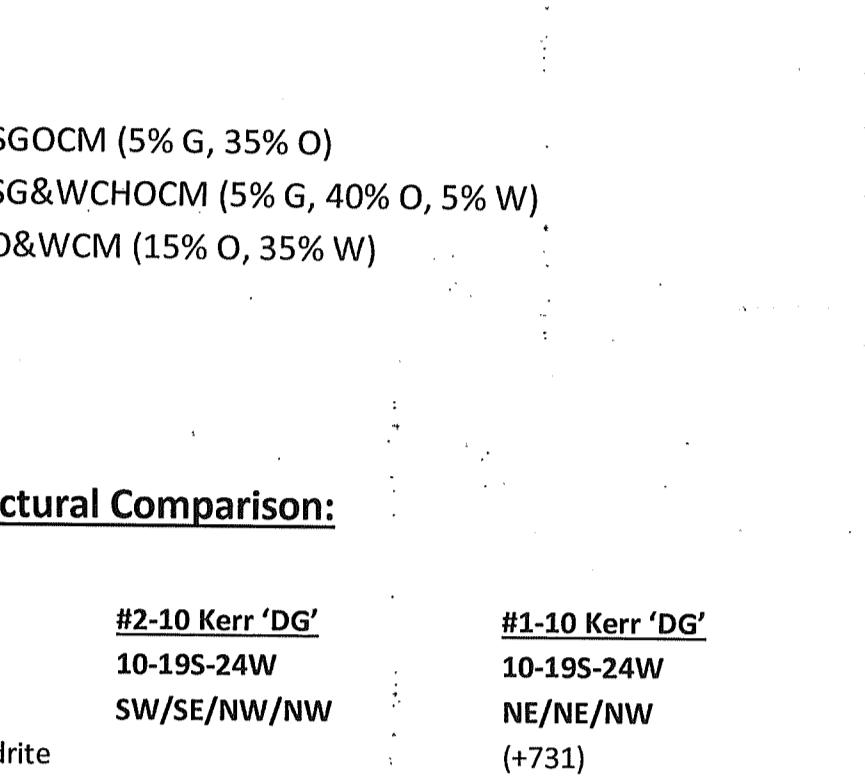
A black and white photograph of a fish specimen, likely a flatfish, shown from its ventral side. The fish has a long, slender body that is flattened laterally. Its head is turned slightly to the left, revealing a large mouth with a visible opercular region and a prominent nostril. A single, large, dark eye is positioned on the upper side of the head. The body is covered in small, distinct scales, and the overall coloration is a mottled grey or brown, with darker shading along the dorsal and lateral margins. The background is plain white.

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33' (58' (09' (

1934)	e-log (-	
1959)	e-log (-	
2010)	e-log (-	



Respectfully submitted,


Stratigraphic Column Diagram

Formation	Thickness (ft)
J zones	3954' (-1655)
Hash Hollow	4008' (-1739)
Base Kansas City	4035' (-1736)
Marquette	4075' (-1730)
Pawnee	4156' (-1857)

Thicknesses (ft) from top to bottom:

- 3800'
- 50'
- 3900'
- 50'
- 4000'
- 50'
- 4100'
- 50'

Lithology descriptions:

- 3800': Lms, crm-lt gry, micro xthn, no vis X Some gry, blk, red, grn shale
- 3900': Shale gry, grn, red, some blk, Much lms crm, micro xthn novis X Trc & brown oomolitic lms, no shw.
- 4000': Lms drk gry, fn xthn, hrd res, trc foss, no vis X
- 4000': Lms crm, micro-vfn xthn, hrd, novis X
- 4000': Lms as abv, w/trc foss
- 4000': Lms crm-lt gry micro-vfn xthn hrd res no vis X
- 4000': Shale gry, grn, prpl, brown, Much lms crm as abv & drk gry fn xthn, hrd res novis X
- 4000': Lms crm, micro-vfn xthn, some chky, no vis X, much shale as abv
- 4000': Lms crm-lt gry, micro-vfn xthn, not chky, no vis X, shale as abv & trc pyrite xthn
- 4000': Lms tdn, micro xthn, medres, Also much shaley lms, gry/grn, mottled, grn shaley to glauconitic. All novis X
- 4000': Shale gry, prpl, Mostl lms crm-tan, no vis X & trc sli shaley lms as abv
- 4000': Lms sl, shaley, micro xthn, hrd res, w/prpl shaley tint. novis X Trc bltred earthy shale
- 4000': Lms crm-tan, micro-vfn xthn, trc oolitic, dlt pr-novis X trc pcc w/dead blk sm
- 4000': Lms crm, micro-vfn xthn, Some sticky hrd res, many pcc w/scat dead blk surface sm, a few pcc w/sptly brn sm in vry sparse pin pt surface vngs
- 4000': Lms crm-tan micro-vfn xthn hrd res, mostly no vis X & trc pcc w/ dead blk sm as abv
- 4000': Lms lt gry, micro xthn, hrd res no vis X, trc shale
- 4000': Lms crm-lt gry, micro-vfn xthn no vis X
- 4000': Shale, drk gry, gry, red/brown, lt blu-fissile, mostly lms as abv
- 4000': Lms gry micro xthn, hrd res novis X & much shale as abv
- 4000': Shale gry, grn, red, Much lms

Notes:

- 3800': 1 stand pc lms w/trc possibly from uphole.
- 4000': 1 stand pc lms w/trc possibly from uphole.

Chertose

4255' (CFS 4255')

4300'

S. S.

CFS 4255'

50'

Shale, dark gray-blk, some Slt
carbonaceous, med-res, Some ls tan,
micro-vfn xthn, med-hrd res, pinkish vfn

Shale gray, grn, brownish, reddish, much
lms as abv. most tite no vis sp, tre
w/gd angular ls, shw as abv, gd odr.

Shale gray, red brown, blu grn, purple tre
blk. Shale 90% of sample
fr odr in cup

Lms tan - hgy micro-vfn xthn
hrd, tite no vis sp

Lms cm - hgy, micro-vfn xthn,
hrd res, no vis sp. Tre pes w/blk in
edge stn, rk staining cut fr cut on brk, NSFC

Lms gray micro xthn, hrd, no vis sp
increase in gray & green shades

4255' 20 min, lms cm - tan
micro-vfn xthn, med-hrd res less
clayey than abv. Most pr - vfn xthn.
Several pes w/scat deep ruggs, low ornate
hrtwsh, ls tan vfn, fragd scat yellow
pes, very gd blueish tre very ht brk FD
on brk, Sti - fr odr, tre cut in pes dead
40 min, stn

Lms cream tan, micro-vfn xthn,
med-hrd res, most no vis sp, some
pes w/scat dead blk stn & a few v/blk
brown ls tan in inter xthn vfn, flour
in about 10% of pes, tre - wh cut
(0 min!) in sec cut - vfn

<p>Chart (Conformable)</p> <p>- 4300' (2011)</p> <p>④</p>	<p>4300'</p> <p>□ - cont'd/cont'd</p>	<p>increase in gray & green shades</p> <p>Lms gray & brown, micro-vfn xthn wd, fine novis</p> <p>Lms crm - lt brown, micro-vfn xthn, novis, tre dead blk stn increase in gray, green, red shades.</p> <p>Chrt, mostly yell-orange-tan, sharp, fresh. Several pcs sli - highly weathered tric politic Chrt, fr - very hrd dead blk asphaltic, sharp, highly unglazed, irregular, tre F0</p>	<p>10% in micro-vfn xthn, thin in about 10% of pc's, tre-wk cut.</p> <p>60min! Lms crm - tan micro-xthn meads of novis, tre on novis stn, dull yell to brt whit flwr in 10% pc's, tre F0 & brn pc. Tre cut many dwn pc's w/ stn, unpat. Only, wk, low dwn increasing gray shades</p> <p>tre, gray shaly ss. clst, 2 cts loose atz sand grain no shw.</p> <p>-</p> <p>whit, dull yell flwr in tric politic pc's, excellent boiling cut in highly irregular very well set pc's. A few pcs completely bl size asphaltic. Very thick, very good bloom</p>
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		Trip trash: Vln brn chky, micro hole prior to drilling clst reentered. Tres ps brn - lt grey grey mottled with hole many fine NS.	A few psc trc FO clst dr
		Trip trash. several psc dolomite vfn xthn, lt brown, w/trc FO and/or oily rainbow lstr upon brk; fr dr or.	
		Shale, chky dolomite vfn xthn, lt grey grn, psc no vis & much mushy wt Shale very g/marthy & white psc slate w/c FO int clst dr or.	
		Dolomite lt grey - tan - lt brown, vfn xthn med-hdras psc no interxings, little fr. Many psc w/ltc, FOF, lt brown, lt brown, lt brown, lt brown, lt brown, lt brown.	
②		CFS 4350' 2 Dmsh: Dolomite lt brown - brn, vfn xthn, mst - silicaceous vfn lwd res, pr - ho vis - & many psc w/lte, FOF, lt brown, lt brown, lt brown, lt brown, lt brown, lt brown.	

held 10:15 pm
June 8th, 2013

all yell. flowers, Excl. stinging nettle
Irregular pcts, gd cut up in bark tight
pct, most gd salt, very gd bloom, fragd
odor.

Domini Dolomite tan-brown,
vfn xthn, most hard res siliceous,
most pr. intr xthn, pr-fc pinkish
irregular & fragd even dull yell
flwr in about 50% of pcts. Most
pct wth fc cut on bark only, wk-fc
bloom, fr odd, appears less well set
than above samples but taller plants

DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SH.	REMARKS
5"				Black wood, appears less well set than above samples, but still has ping-pong droplets from oil-free PCs, & it - between str. fair. Overall show

DRILLING TIME Minutes/Foot	DEPTH	HOLEGY	SAMPLE DESCRIPTIONS	SHOWS	REMARKS
Rate of Penetration Decreases					

CONTRACTOR Kerr 'DG' LOCATION IP 3.5 BOPD
LEASE KB 2299 SEC 10 TWP 19S RNG 24W
ELEVATION GL 2294 RTD 4400' COUNTY Ness STATE Kansas

CFS 4406 30min: Dolomite, ^{Hgrt} very thin, slightly/ultra-fn

~~+400' bottom~~ Dolomite, rfn xth, sli chalky/ultra fn
matrix, pr-novis & lardres, most pgs no show, flint only
in about 5% of pgs, only acropelites w/ tvc FD, probably from
uphol. Sli older, likely drilled out of show. Much whl chlk / shale
in sample.

- novis &, sli more rough/bumpy text than abv & sli less sticky,
+ effervesces readily & quickly, fluor in less than 5% of pts.
0, sli odor, last show. Trc frsh, wht-cl semi translucent chert.