

1955

Aug 11. Oklahoma

A11¹ shale and thin ls beds on east side of road underlying a limestone marked as Fremont, ls. at Pointe. This may be where I collected in 1947. *M. haydenensis* is fairly common. I estimate the Fremont ls to be 0.28 mile south of the bridge over Oil Creek. The Fremont ls is in the NW 1/4 SE 1/4 32-35-4E, Johnston Co.

A11² Is the shale just under the Fremont limestone. Abundant *Mesolobus*. This is where I collected in 1947.

A11³ also about 1000' SE of road and just above a thin limestone

Aug. 12.

A12¹ Pumpkin Creek, 0.1 mile south of NW cor 29-35-2E, Carter Co.

A12² Some 100 yds E of NW cor. 29-35-2E.

A12³ 0.1 mile N of road, SW 1/4 SE 1/4 44-35-1E, Carter Co. Entry loc. 4035.

A12⁴ NW cor 33-35-1E, Carter Co., Okla
Williams

A12⁵ Otterville - 600 feet S of NW cor 5-65-2E, Love Co., Okla.

Aug. 16.

Four kegs packed at Muskogee, all of Mayes. Keg #4 contains one lot on top half of keg without label. This was collected Aug. 16 in afternoon inside loop of Okla 10 ca 3 1/2 to 4 miles SE of Fort

Silsem, about center S 1/2 of NW 1/4 21-15N-20E, Hubbert \square , Oklahoma

Beds with big *productus* + *Centronella* very near top of Moorefield. These are underlain by granular ls. with large *Flexaria* and *Inflatia* like *I. inflatus* of the Chester. These however underlie the big *productus* bed which has *Moorefieldella*.

Beds with big *Spirifer* just underlie the *Flexaria* beds and under these is a layer containing with *Moorefieldella* under this some distance comes

Martinia - big *Sino-productus* bed. Below that the rocks are quite shaly.

Beds with big *Spirifer* and *Terebratulina* is just below the *Flexaria* bed.

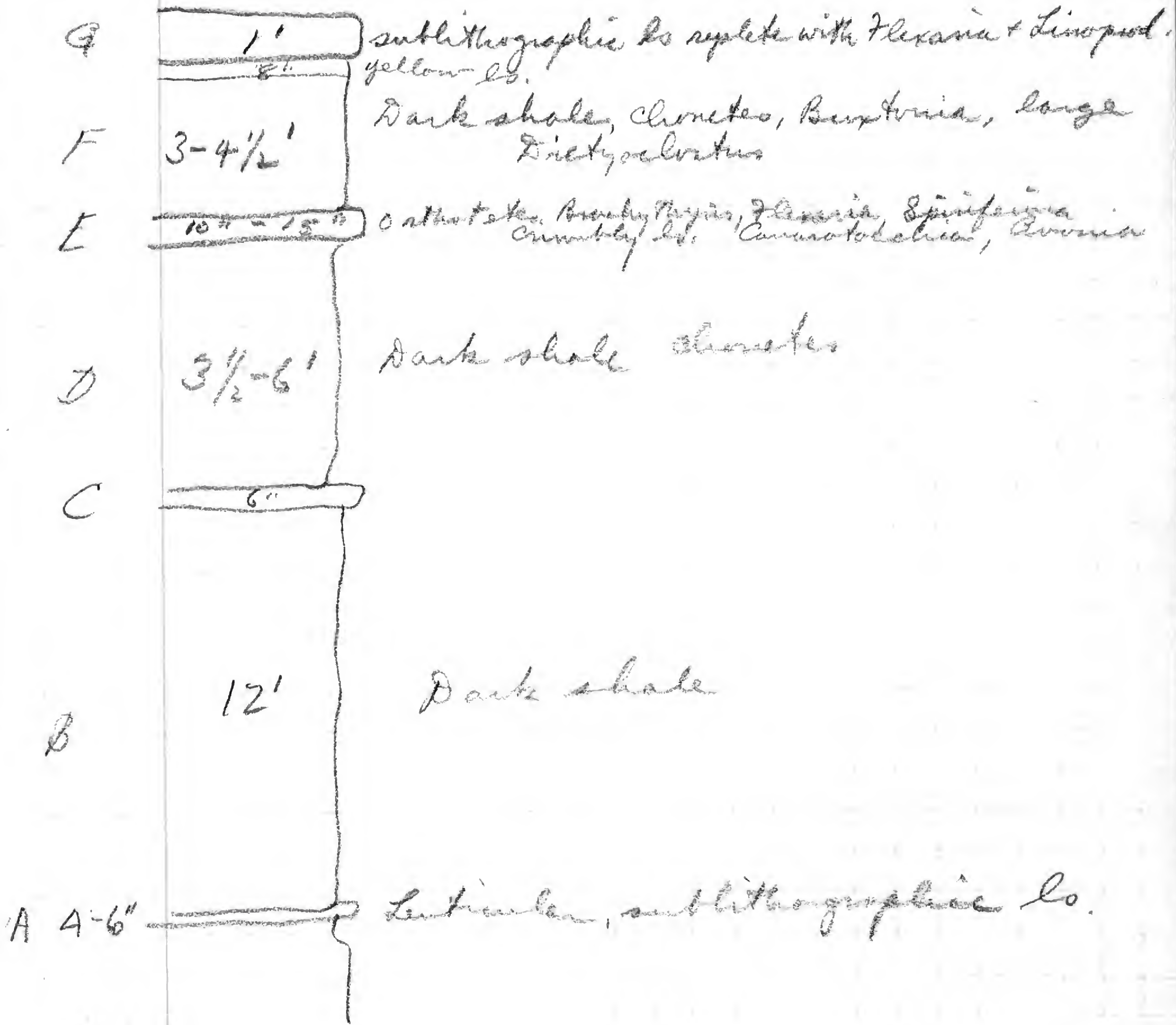
Athyrid in Fayetteville on Okla 10 is near base of shale. This near center SE 1/4 NW 1/4 21-15N-20E.

0844

August 18

Section on east-facing bluff

SE 1/4 NE 1/4 7-22 N - 20 E, Mayes Co., Ok.



Exposure at NW 1/4 SE 1/4 31-23 N - 20 E Mayes Co. seems to be same horizon as E.

0845

August 16

A1855 - Granular limestone with
Archimedes, *Diaphragmus*, probably
Hindsville

1855' Quarry in upper part Hindsville
Cameropectia common, *Penditocardina*
Rare.

SW cor. 15-25 N-21 E, Craig Co., Okla.
Where I got big *Sigantopora*-
like brachiopods is certainly
Hindsville.

A1855² - Fayetteville - many *Orthotetes*
Center S $\frac{1}{2}$ NE $\frac{1}{4}$ 10-25 N-21 E, Craig Co.

Aug. 22

Abandoned by about SE $\frac{1}{4}$ NW $\frac{1}{4}$
34-26 N-31 W, 4 $\frac{1}{2}$ mi. SSE of
Diamond, MO.

0846

August 27

Section at Grand Summit
about 1.2 miles NE of Station.

Slabs with interiors of *Jurassania*
come on top of limestone capping
the Florana (= Merrill ls.) or
Stearns shale

===== *Jurassania* common

===== Thick ls.

xxxxx Sh. & nodular ls., level of fossils

===== ls.

sh.

===== ls.

Red sh. ls.

sh.

===== Thick ls.

Aug. 28

Old locality for silicified *Barbyia*
is $3\frac{1}{2}$ mi N of center of Dexter
about center east line 36-325-6E
First cut from S is 3 mi north
of Dexter. Second cut is 3.5 miles
N and is one from which most
silicified stuff come. Second cut
is about 0.1 mi. S of NE $\frac{1}{4}$ 36-325-6E

0847

at junction Kans. 38+15 exposure
of flinty limestone = Florence
ls. We collected from a shale
possibly Blue Spring shale.

Just east (downhill) from
intersection is roadcut with
Derbyia cymbula at base
This is in cherty ls., The Wreford
and is about $\frac{1}{4}$ mile E of Florence
chert cut and probably 50' + below
it.

0.2 mile W of Elk-Cowley Co.
line, good Florence beside road

Just over RR track about 1 mile
on US 166 is a poor cut in top
Florence. Second cut about 0.2 mi. W
and 30' higher is in algae beds
same as seen just east of
Hoover. *Derbyia hooverensis*
must therefore be out of the
Florence

Aug 30
US 77 about 5 1/2 mi S of Junction City

5.0
9.5

5.5

Fort Riley

non-cherty yellow ls
8-10'

shale, bright blue
Squamosia 4-5'

cherty ls 3'

shale blue 1-2'

cherty ls.

Cherty

ls.

15'
cherty
ls

blue
5-6'

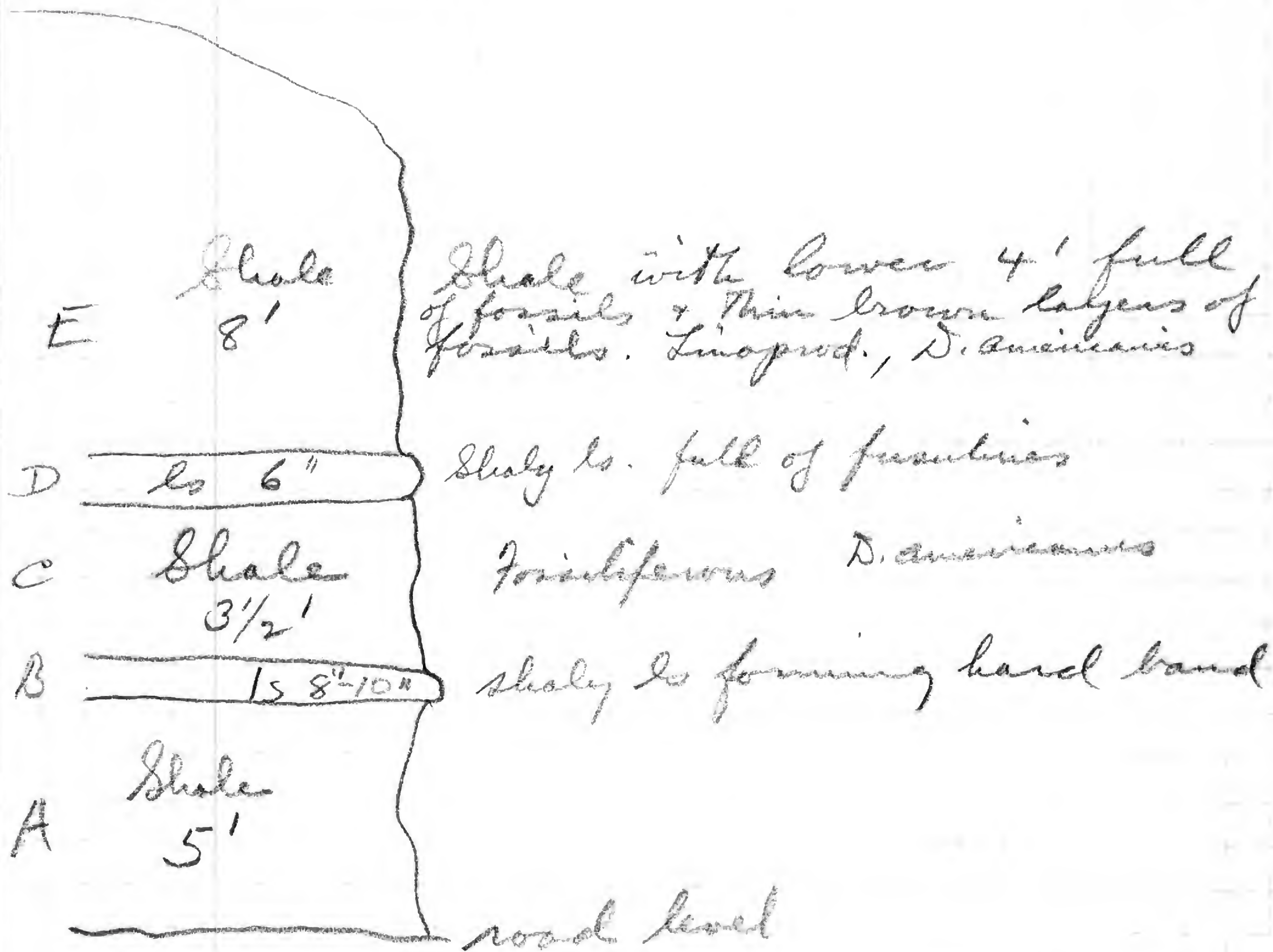
Blue & chocolate shale
20-25'

Locality Stop 7 Kansas Guide #6

At Stop 7 on W side Mo. Pac.
overpass Dubois ls in ditch &
Holt sh just above. Along RR
to NW about 1/4 mile nodular
limestone full of fossils. The
Derbyia bennetti comes from just
above the Dubois while the larger
fossils come from about middle
of Holt shale. All belongs to
Topeka fm.

Sept 5

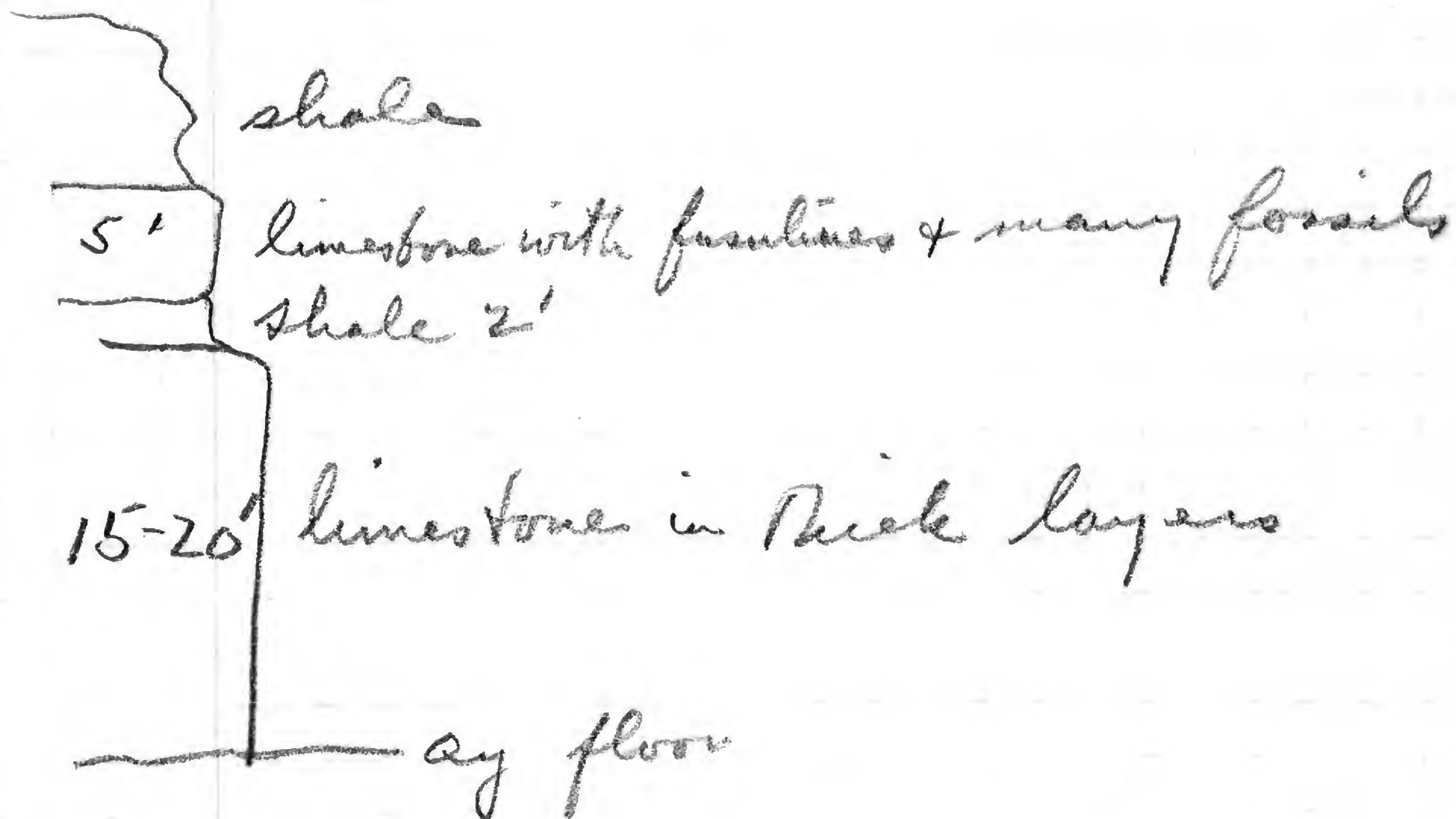
Section just east of western bend
of S bend on US 95 south of
Dawson.



Fossils from C, D & lower half E.

Sept. 5.

0.2 mile east of junction
 of US 24 & US 59, N of US 24 about
 0.2 mile Hamm's Quarry ^{3 miles} east
 of Perry. The 5' bed is irregularly
 bedded, light blue when fresh,
 but turns brown on exposure.



Sept 6

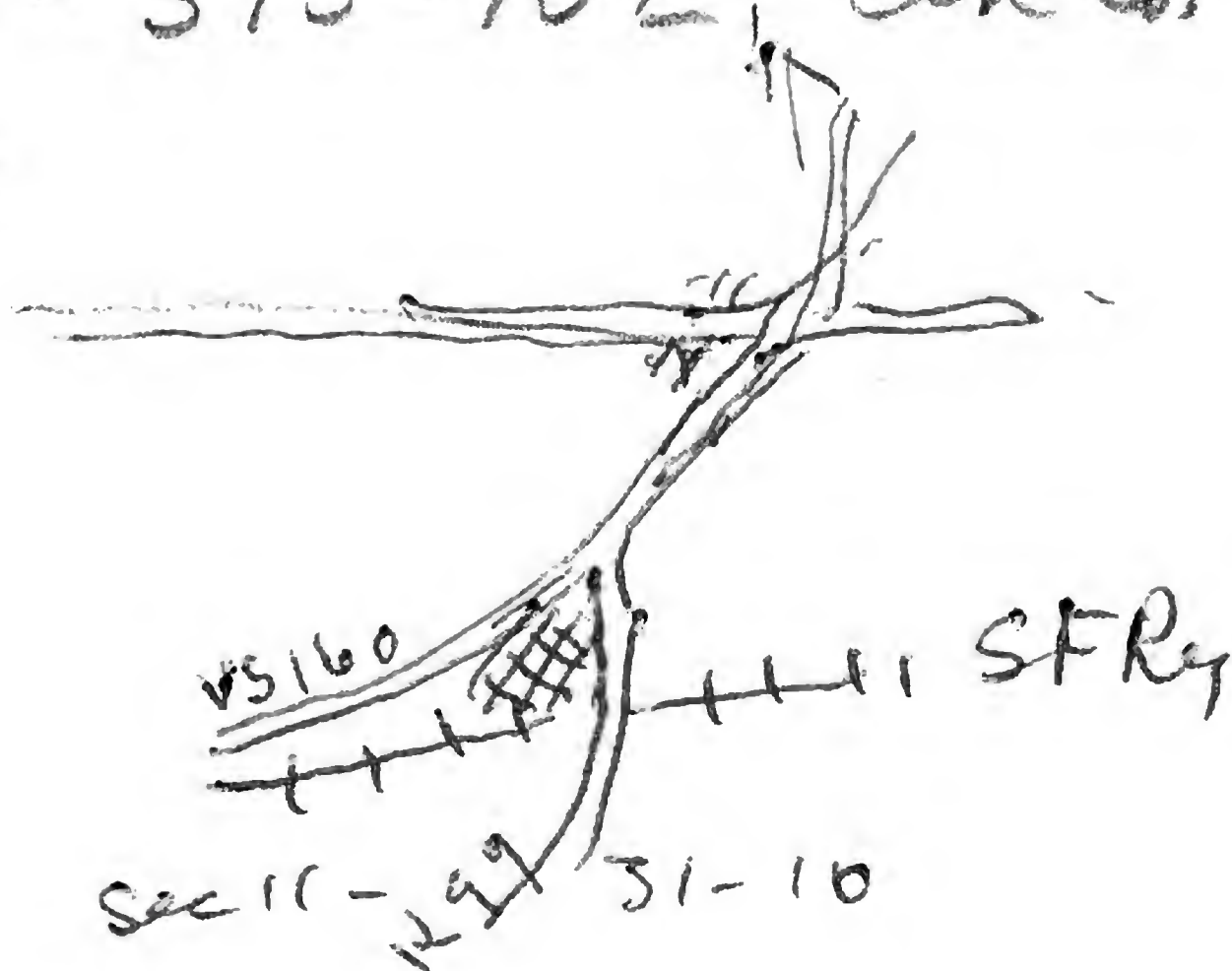
Letter to R.C.M. about treatise
status, word from Williams, etc.

Moline (1 mi NE)
Just W.

Borrow pit at junction 99 + 160.

just N of RR just W section
11-315-10 E, Elk Co.

check



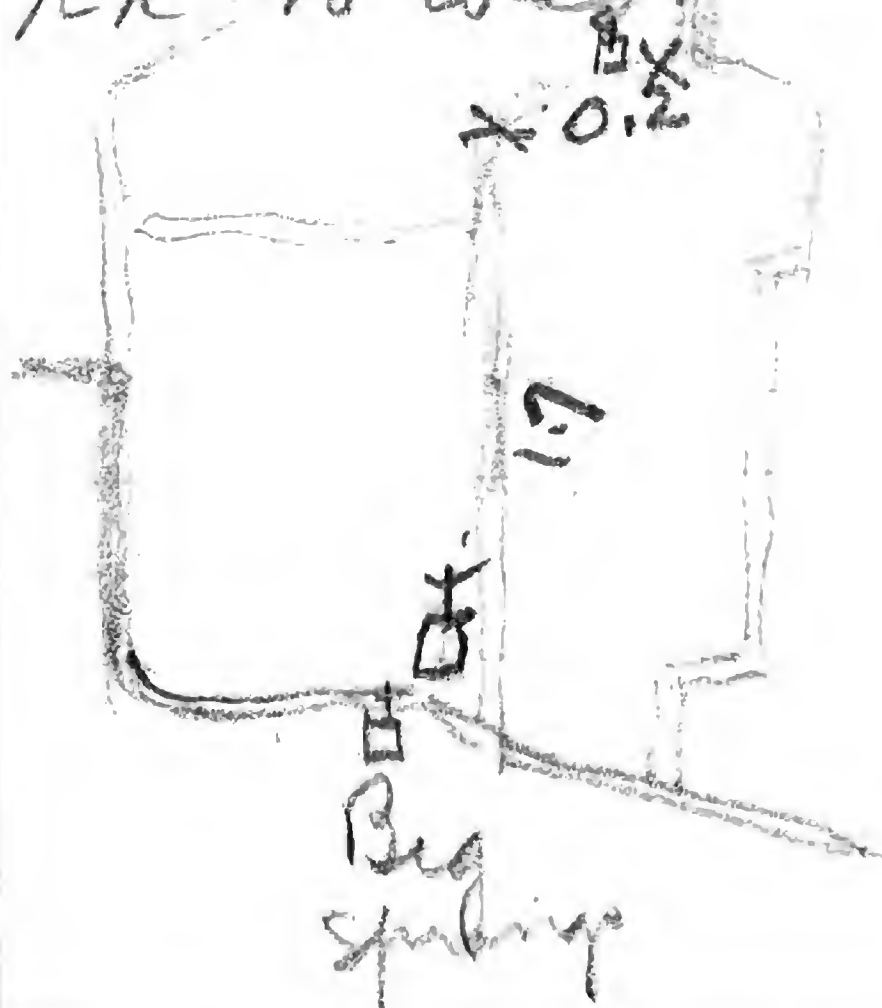
Quarry at Locompton for Keeford

~~Locompton~~ Upper part is Keeford
Look for *Poikilosakos*

Quarry by at Midland - one mile
west quarry in Quad. for *Poikilosakos*

North of Big Springs for
Leamington (Bill)

Big Springs, take road just E of
P.S., go N 2 miles to school, take
road ~~that~~ school, locality along
RR to west

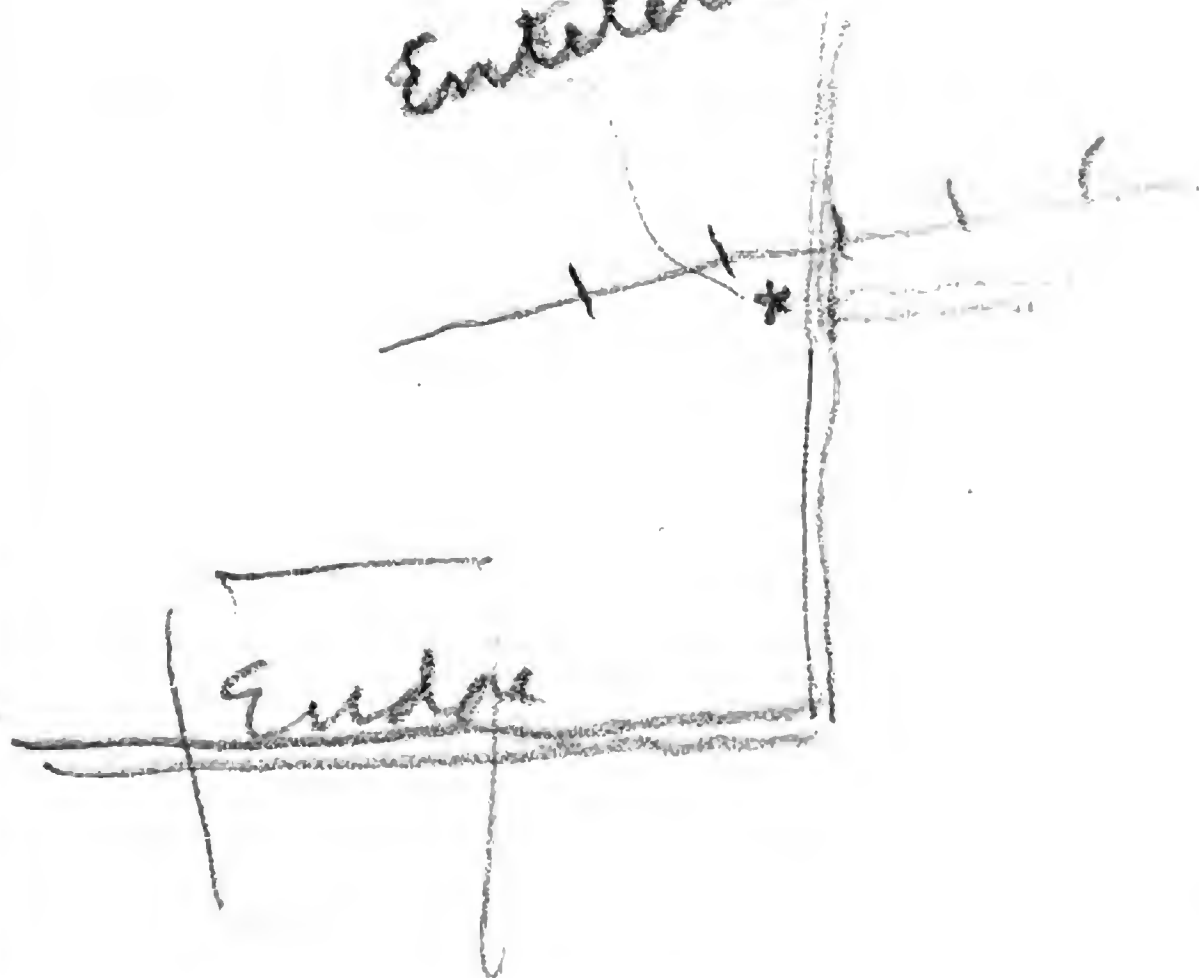


76.90
76.45 at RR
75.6
75.4 3.4
73.7

3.4 miles N to RR,
1/2 mi west along
RR tracks.

Endora

Enteleter



M. L. Stryker at Fredonia - Oil
geologist Fredonia Og in
Stanton.

Chamite

Vilas - W of Chamite
1/2 mi E of Vilas, cut on RR
E of road crossing. Crossing
of RR of by 39

Just S of Humboldt, Og in Iowa

Quarry for Iowa in cement
Og south of Iowa on E.

✓ Abandoned Quarry for Iowa ls.
just N of Mildred about one
mile, west of road.

RR cut at Hoover is south of
US 160 on big loop.

0855

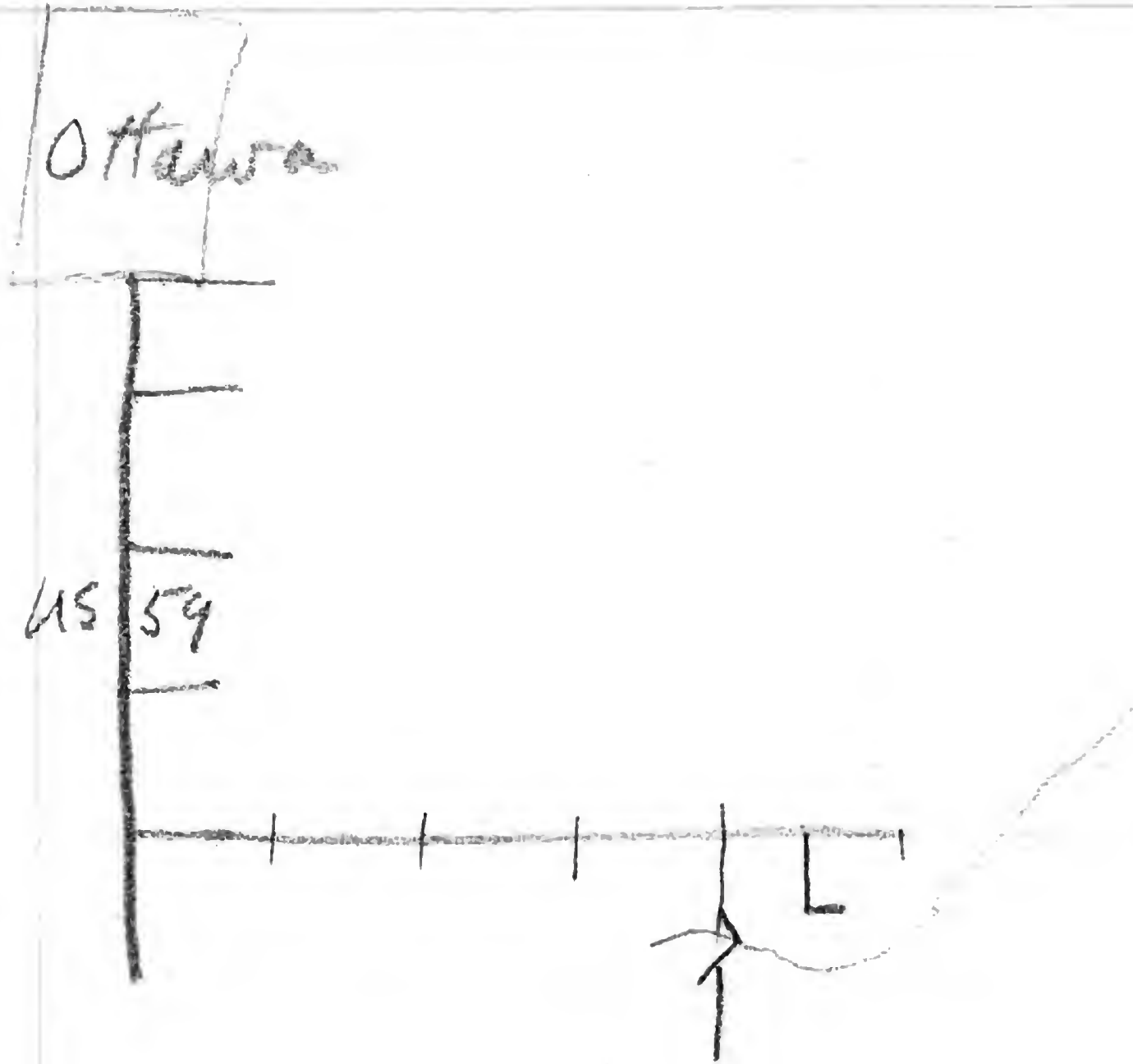
Check & send Ray general
Survey on coverage

Midwest - N edge of Iowa.

Send Ralph King Mexican Permian

0856

NW 1/4 27-175-20E

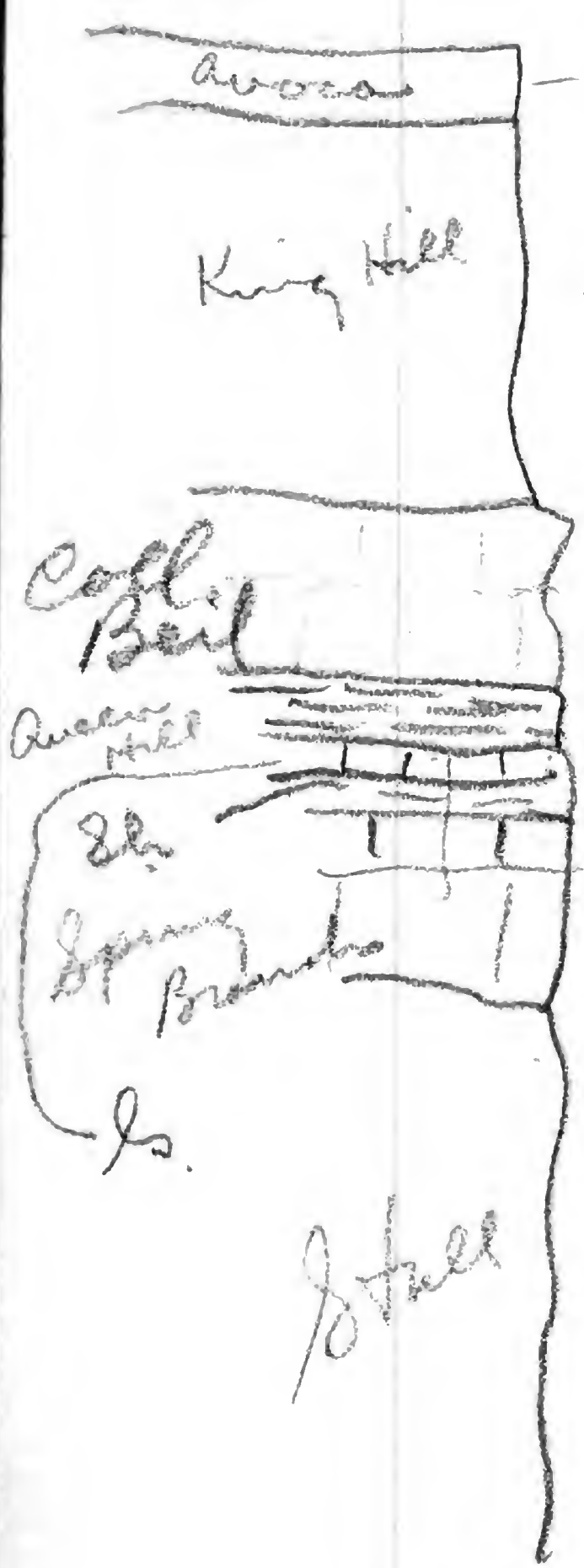


Sept 7

2nd east rd 50 of Milingan Valley
to RR tracks, 1/4 mile south
on RR.

Sept 9.

Along RR 3.5 mi N + 1/2 mile W
of Big Springs, Kansas



limestone 3-4'

Shale 7-8' gray

ls 6' - upper part shaly, packed with fossil
shale black, becoming light gray 2'

at basal half
ls, 2 layers massive 10' upper
1/2 packed with fusulines. Upper
half shaly fracturing

gray sandy shale 12'



16-11

May 12, 1953
Hill east of Pompey Center on US 20

Hard irregularly bedded ss. with Tanomus near top of Dalmanella zone at head of road.	16'
Crumbly but finer than below, many mollusk shells scattered in rock	38'
Crumbly gray shale with Bellerophon + Lovrenia	38'
Juridolopne zone	5-6'
Mottville	15'
<hr/>	
98'	

Fully one mile west of Cuyler has 6-7' of Fishers Falls member at base.