

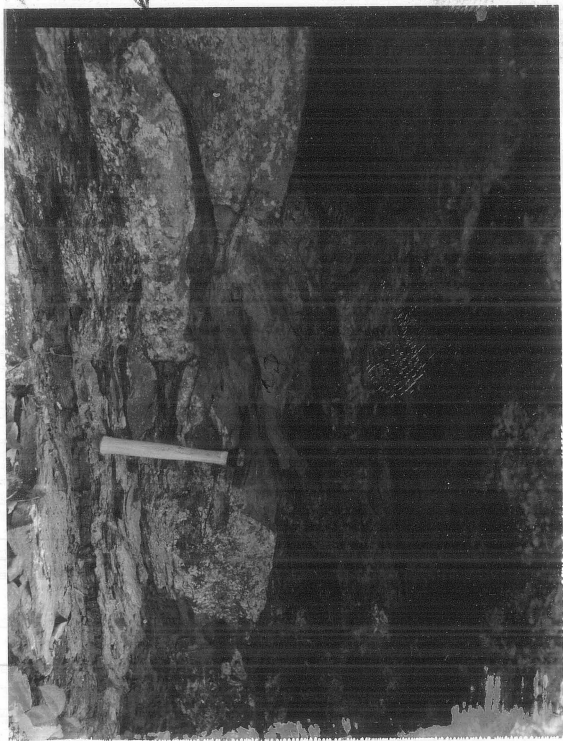
2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DI-6

APPROVED DECEMBER 1941

OZONE



2297
907
1390

1390 - top of massive ss where
it crosses old road int. sec R7

2328
907
1421

1420 - under power line on hill
(flat bench, not exposure)

2297
907
1390

1390 - top of massive ss
well exposed to gully 200yds
to north.

In gully, upper massive part is
45' thick and may be continuous
with lower part (base @ 1235
or 110' thick). lowest 50'±
is interbedded ss, siltstone,
and shale w/ few beds more
than 5" thick -- resistant
and well exposed in waterfalls.
Overlying 60' ss w/ beds to 3'0"
Good section to measure in detail

2143
907
1236

1230 = base in gully

2398
907
1491

1495 in gully - top massive (10'±)
ss that forms bench

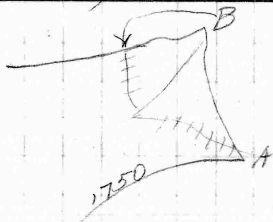
2505

907

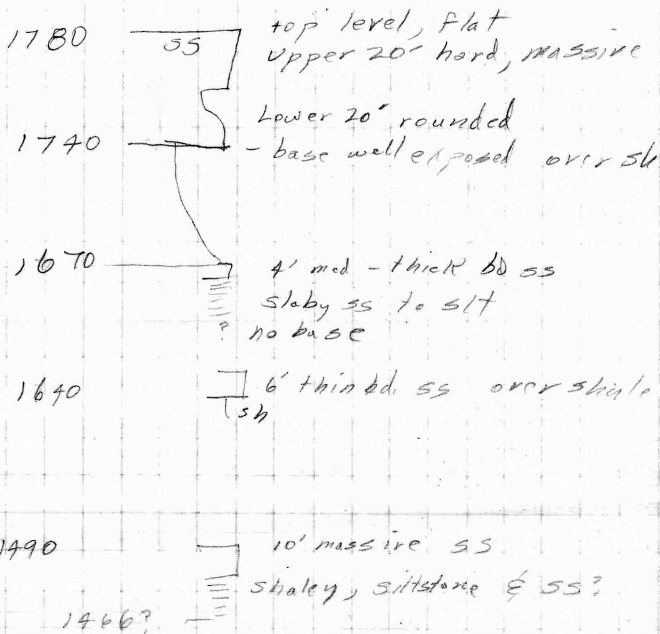
1598

1585 in gully 5' above road
as 30'± thick, massive
forms bench that is top
of hill here. Shale above

NE $\frac{1}{4}$ Sec 17, 1

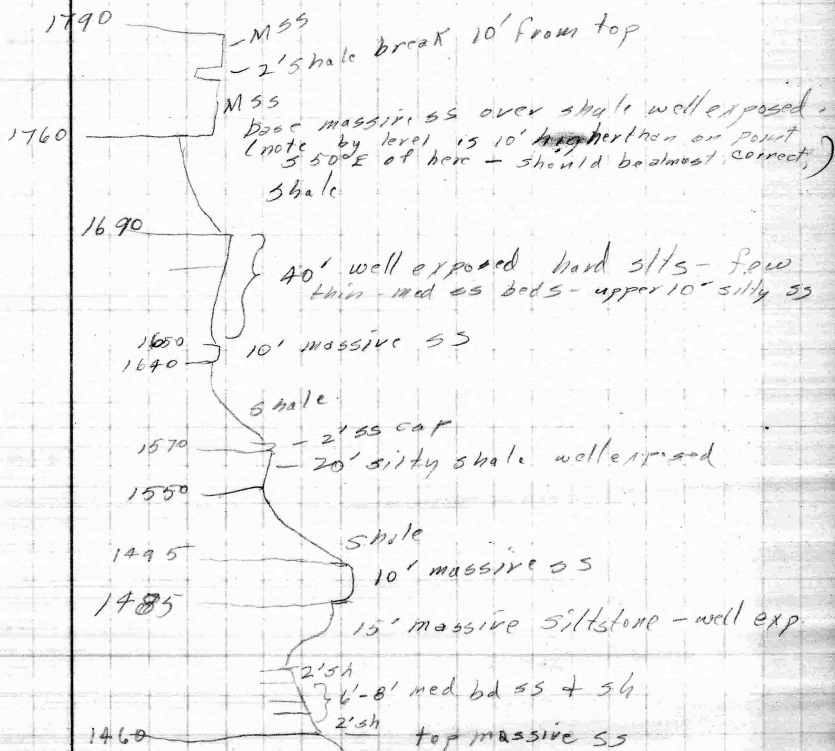


A.



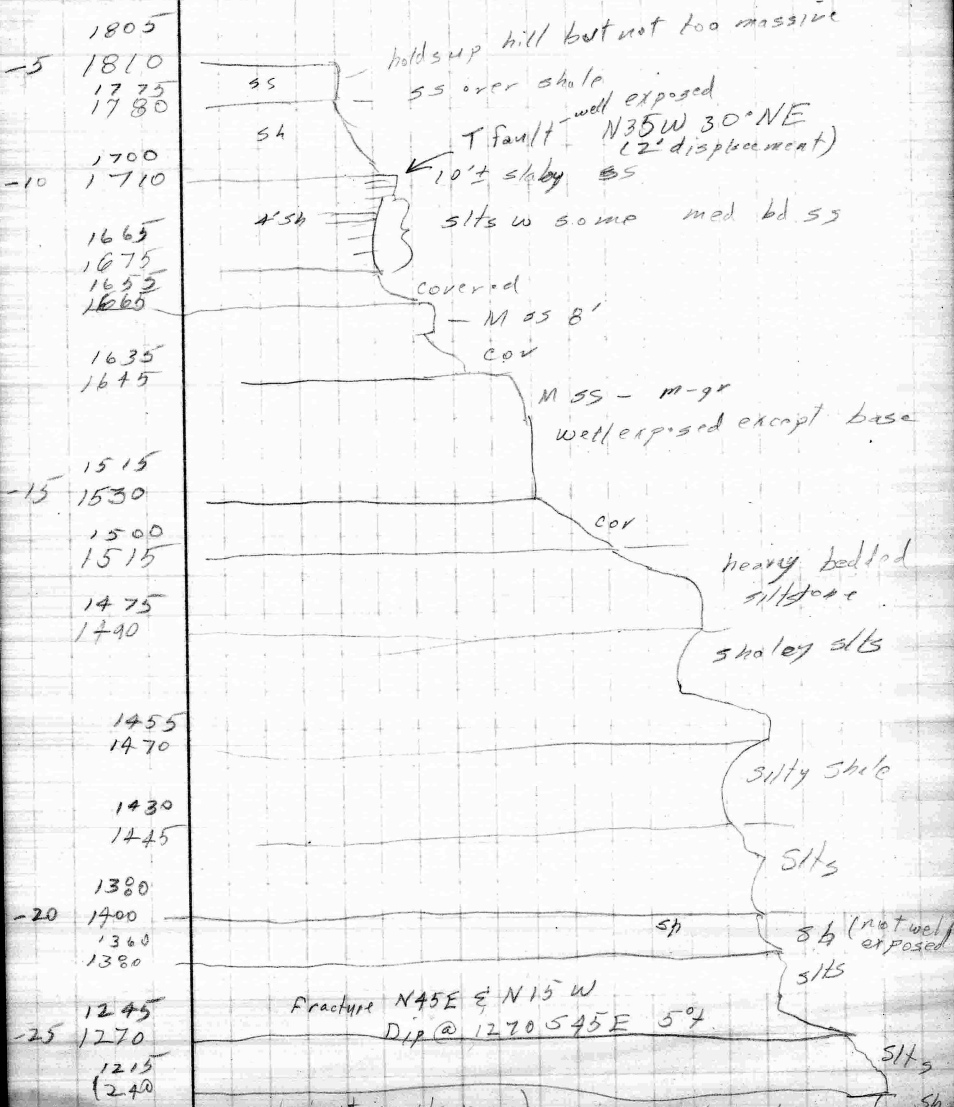
NE 1/4 Sec 17 B

B-



April 2

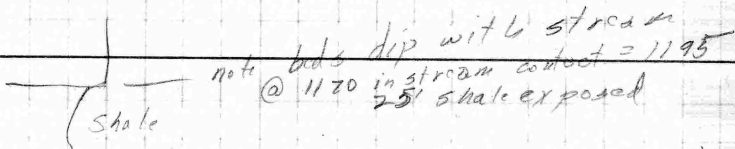
Gully w/ head @ old road
Sec 5,



(cont next page)

Sec 5 cont

1245
-25/240



shale @ stream junction -
top probably not over 1150 here
(corrected elevations) (measured - corrected elevation 1120? - base
indefinite)

Stream junction read 1115

set to 1080

Altitude rose 20' in 20 min @ 10:30 - 40 min

See following page

base siltstone forms waterfalls @ 1115
in tributary to east of junction

Gully that flows NW out of
McCracken Hills

Lunch stop - see next page
for top of section

1405

1420

top well indented but not
too well exposed

1275

1285

Base M ss - not too badly exposed

silt

1225

1235

silt
waterfalls

1205

1210

silt
water falls @ stream
Junct

silt

1110

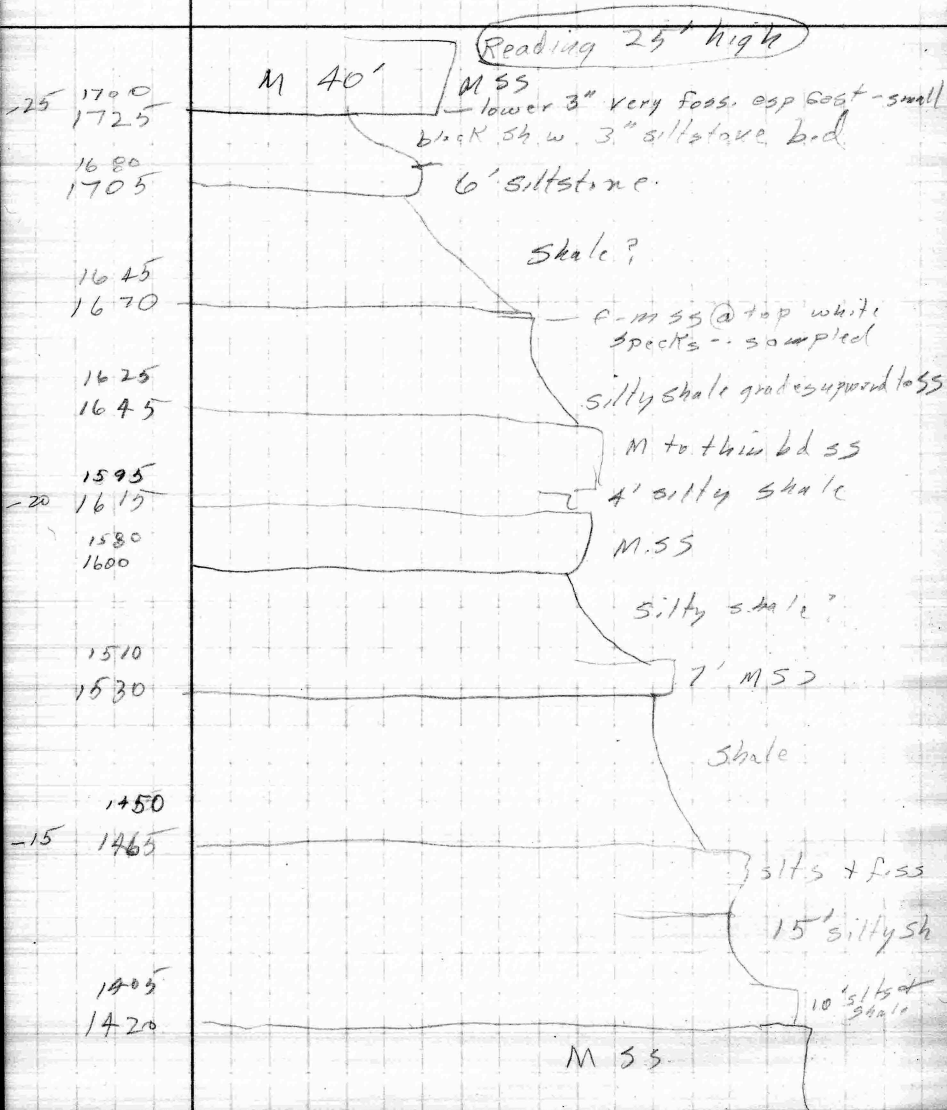
1115

silt or ss

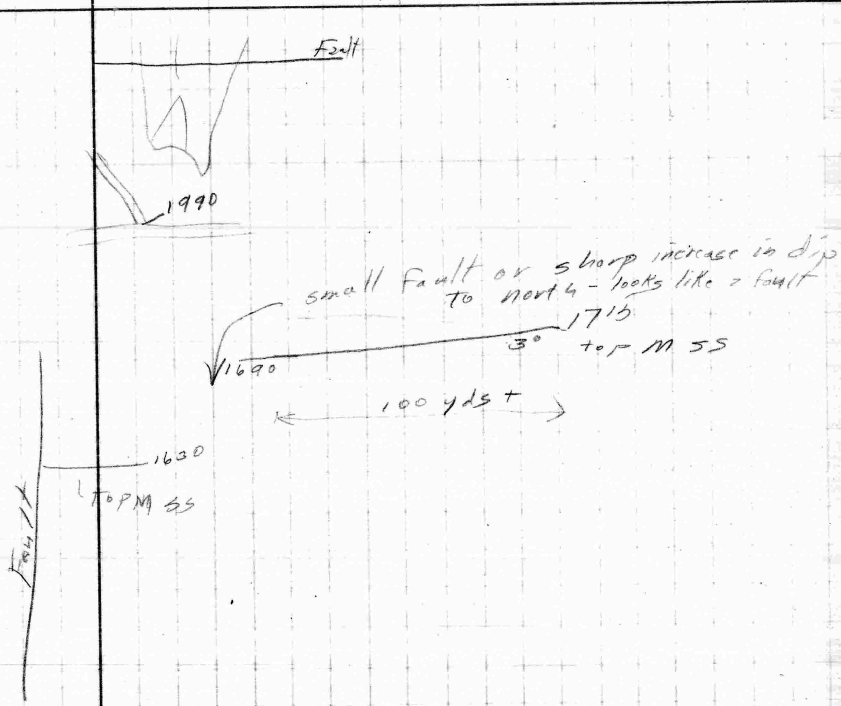
shale & silt
1080

stream junction

Cont.
Gully NW from McCracken Hills



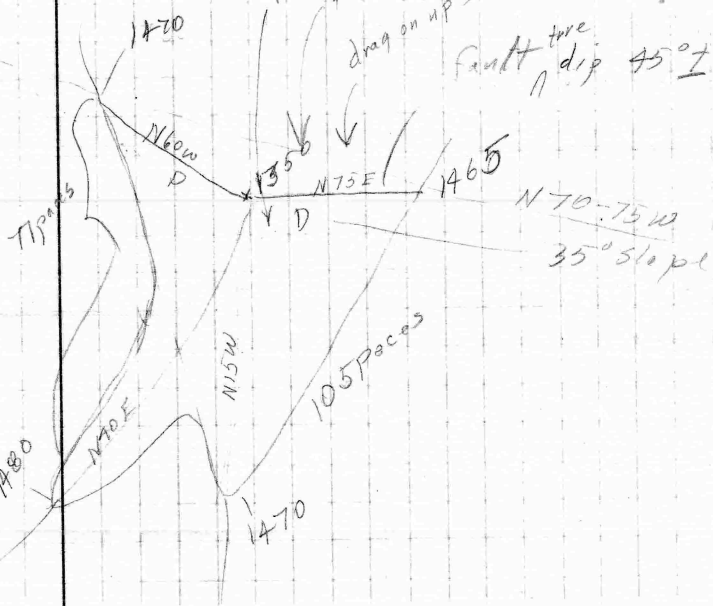
Fault N of Mt Pleasant



Sec 31, 12N 22W

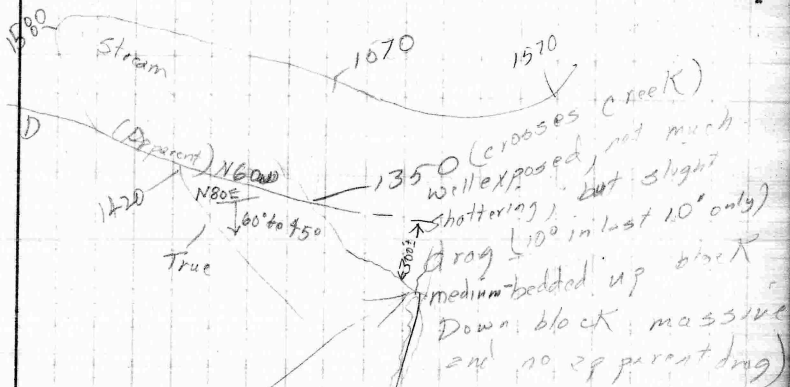


to base
thin beds
sh (few med beds)
drag on up side only
-25°



Fault near C w¹/₂ sec 2
SE of Osborne

Down on S. Side

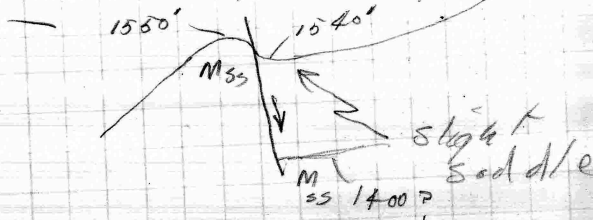


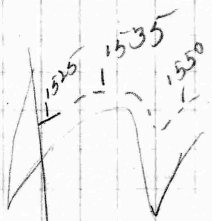
Base of Miss
not exposed
on down block
min stream
No break in rock in main
stream bed 250' downstream
from junction, from there
on is gravel to first
siltstone outcrop well
above next stream junction
Siltstone in stream @ 400 feet
seems on up block. No
dip of importance at mouth
of stream - slightly upstream,
But 300 yds upstream opposing dip
is downstream, true dip is E
See next page



"Fault N85° 60'-S.
 "Boulders" on N. or up. block
 show strike and dip.

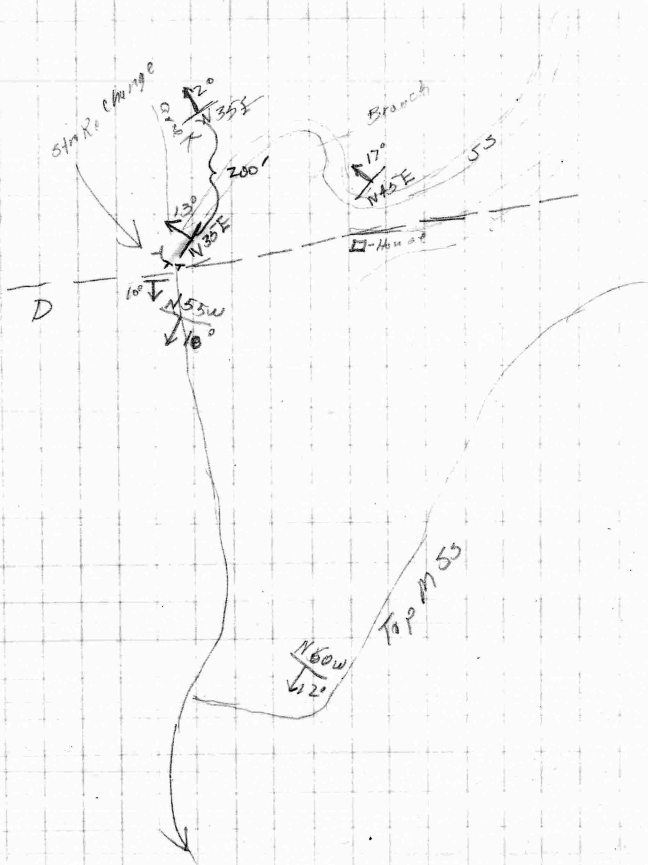
Top? M ss on
 up block



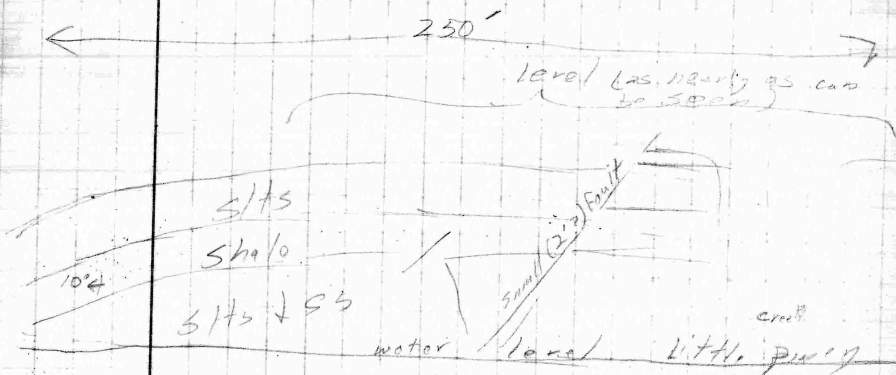


SBDE 130°

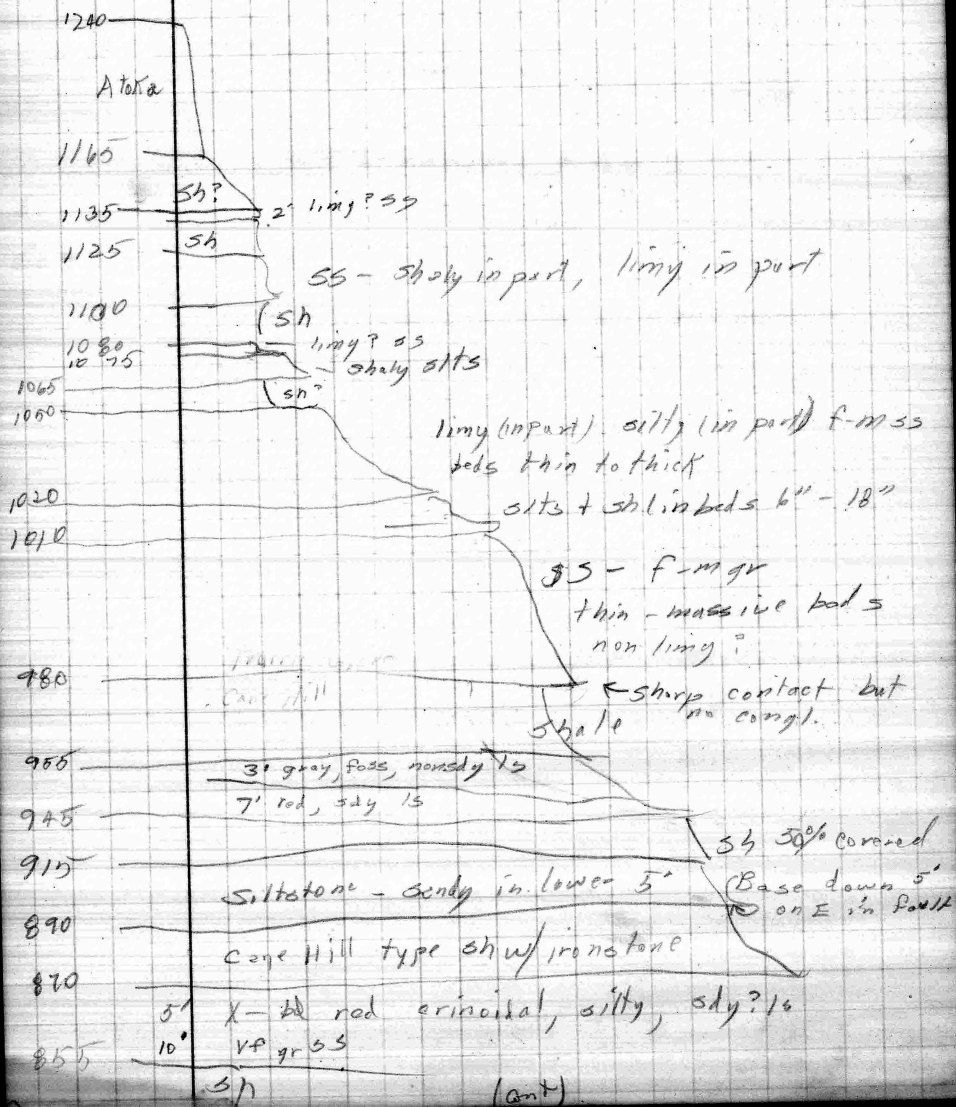
Dry Creek Fault



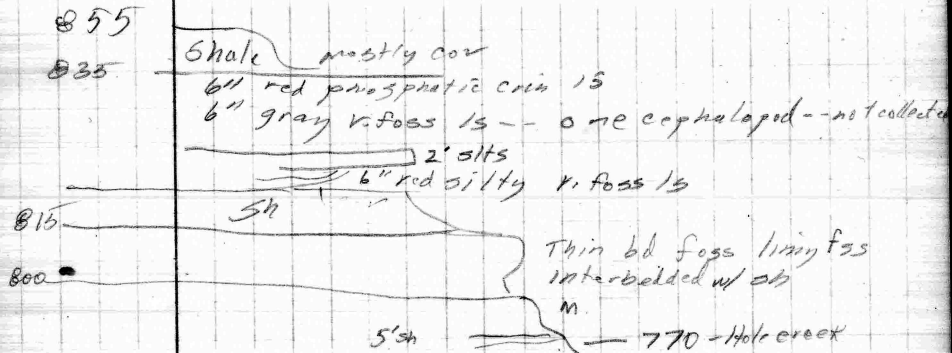
On Little Pinesy $\frac{1}{4}$ mi. S 20E
Murray Chapel Sch
View S. 30 W



NE section Hole creek



NE section - Hole creek



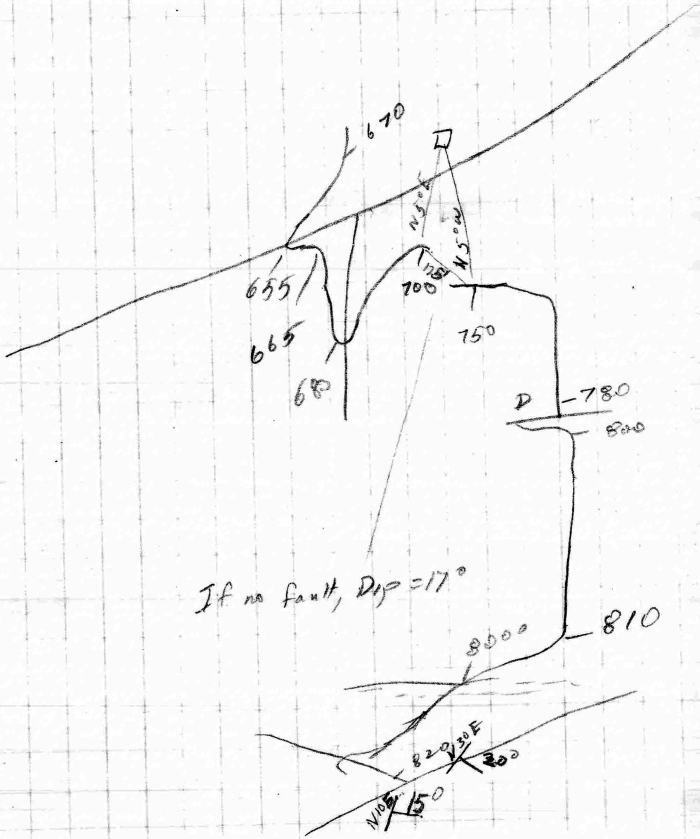
PG dips down Hole Creek

Base not exposed

PG @ 720

CHill @ 715

100' 55



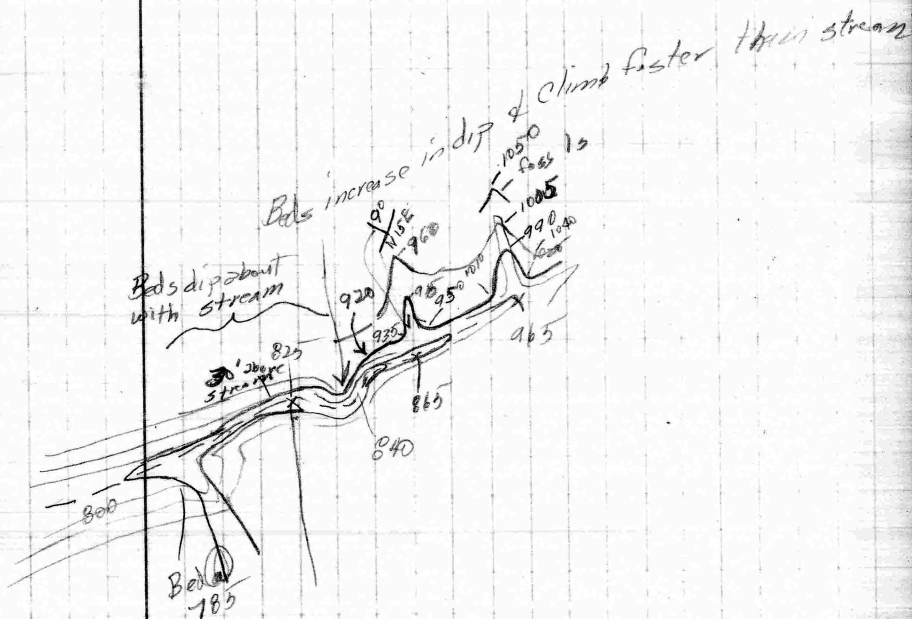
If no fault, $D_{19} = 17^\circ$

N 50° E
15°

820

30°

Stream in NW $\frac{1}{4}$ sec 12 South of
Hess Knob & Foot Little Piney



-15*
+0
1325

x

+25
x 1370

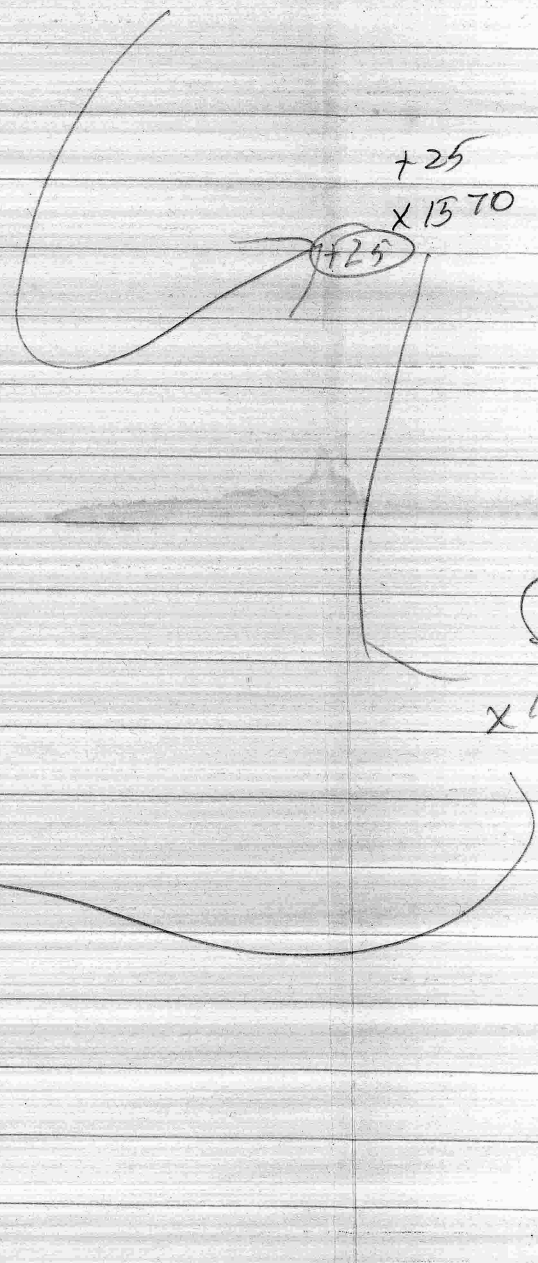
+25

1920

x 1405

1800
1804

4.5%



2.8 Shale, dark - gray

1.5 Calcareous shale, dark brownish gray, with Michelinia

2.5 Shale, dark - gray, contains flat ironstone nodules to 1" thick

0.7 Calcareous shale, dark brownish gray
lower part (to base) contains 15 lenses to 0.4
grades upward into shale, v. fossil. ls is
dk - gy, dense, crin. etc - surface weathering
to yellow - red stains
high iron content

0.7

COV