

Pick shots

on foot 6A0

- Road 610

- foot 5A

545  
546  
547

SCOTT 6A0

1045-1049.1 Sh, lt gry, crumbly & granular & disturbed

1052.3 Sh lt gry, firm, extr. fossilif, v. calc.

1053.7 Ss, v. fn gr, dead oil sat

1054.8 Sh, med gry sily, mica

1055.9 Sh " "

SQUIRREL

1057.3 Sh " " , v. thinly interb & interl w/ siltst, wh

1058.4 Ss, fn gr, w/ scat dead oil sat

1059.4 Sh, med gry, w/ sev thin lenses ss.

1064.5 Ss fn gr w/ fair live & dead oil sat

1065.4 Sh, sdy, v. mica

1066.7 Ss, fn gr, w/ fair live & dead oil sat

1067.7 Sh, med gry, intel w/ siltst, wh

1072 Ss, fn gr, w/ fair live & dead oil sat, v. mica

1082.8 Ss, v. fn gr, shy, w/ lt & dead oil sat

1084.8 Sh, med gry

1241-1242 Sh, med gry

1243.3 Sh, blk, w/ scat  $\frac{1}{8}$ - $\frac{3}{4}$  lent siltst, wh, fissile 18 Shots 1252-1269

1244.9 Coal

1247.9 Sh, blk, fissile

1250.4 Sh, med gry, middle part silt & fossilif

1251.1 Silt in sdy siltst matrix, in upper half; sh, med gry in lower half

1252.6 Cgl = breccia in shy ss matrix, lt oil sat

1254 Ss, vitr, v. fn gr, fair sat, thinly interb w/ 3/16 of lt sat.

1261.3 Ss, fn gr, fair sat, locally X strat

1264.1 Breccia & cgl. in fn gr ss matrix, good live & dead oil sat

1265 Ss, v. fn gr w/ good oil sat

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- 1265- 1266.5 ss fn gr in 1-1.5" bands w/ good sat alternating w/ gry siltst in  
 1/2-3" bands w/ no sat.
- 1267.7 ss, fn, even gr, w/ good sat
- 1269.35 ss fn gr in 1/2-2" fine bands, w/ fair sat, alternating w/ 1/2-1 1/2" bands
- 1269.9 ss " ", good sat of siltst w/ no sat
- 1270.9 Breccia & cgl in fn gr ss matrix w/ good sat
- 1272.6 ss, fn gr w/ dead oil sat
- 1275.8 Cgl & breccia in fn gr ss matrix w/ dead oil sat
- 1277.2 ss, vitr, fn gr, w/ dead oil sat
- 1291.3 Cgl & breccia in fn gr ss matrix, w/ dead oil sat, locally  
 X strat. bioturbated
- 1293.3 ss, fn, even gr, w/ dead oil sat
- 1299.5 Cgl & breccia of siltst & clay clasts in fn gr ss matrix, w/ dead oil sat
- 1303.4 ss fn, even gr, w/ dead oil sat
- 1304.2 cgl & breccia of siltst & clay in fn gr ss matrix, w/ dead oil sat
- 1304.6 siltst, lt gry
- 1307.2 ss, fn gr, w/ dead oil sat, occas cgl. pebs.
- 1319.4 Cgl & breccia of siltst & clay clasts in fn gr ss matrix, w/ dead oil sat
- CORE #4 ↓ 1321.8 sh, lt → med gry
- 1324.4 sh, dk sh, sh, fossilif X strat
- 1326 sh, gm-gry, bioturbated, crumbly
- 1333.8 sh, dk gry, sh, sh
- 1335.1 sh, dk
- 1336.2 sh, med gry w/ dk sh breccia
- 1338.7 siltst, lt gry, X strat, bioturbated
- 1340.2 sh, blk & dk gry, crumbly

} Dive down 2'

Hoffman #1  
 C NE NE Sec. 17 T33S R15E/  
 Montgomery County, Kansas  
 Surface elevation: 860 feet

| DEPTH<br>f | LITHOLOGY | clay<br>mud<br>silt<br>f. sand<br>congl. | SEDIMENTARY<br>STRUCTURES | FOSSILS | DIAGENESIS | COMMENTS                      |
|------------|-----------|--|---------------------------|---------|------------|-------------------------------|
| 1150       |           |  |                           |         |            |                               |
| 1160       |           |  | F<br>F<br>F               |         | F<br>T     | Lower Bluejacket<br>sandstone |
| 1170       |           |  | F                         |         |            |                               |

What minerals beneath the  
part sand?

