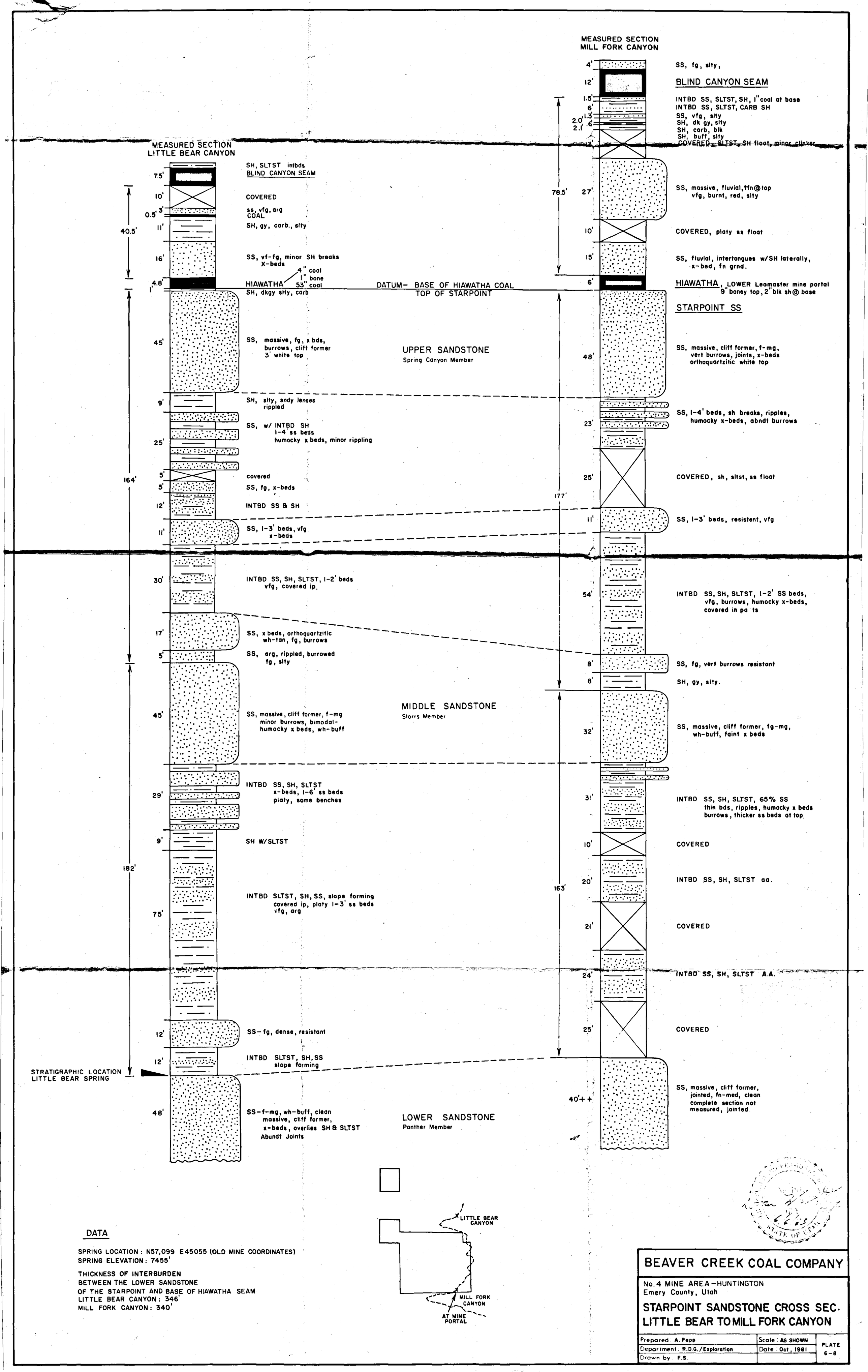
MEASURED SECTION
LITTLE BEAR CANYON
7.5' SH, SLTST intbds
BLIND CANYON SEAM
10' COVERED
0.5' 3' ss, vfg, arg
COAL
11' SH, gy, carb., slty
40.5'
16' SS, vf-fg, minor SH breaks
X-beds
4.8' HIAWATHA 4" coal 1" bone 53" coal
1'
SH, dkgy sHy, carb
DATUM- BASE OF HIAWATHA COAL
TOP OF STARPOINT
45' SS, massive, fg, x bds,
burrows, cliff former
3' white top
UPPER SANDSTONE
Spring Canyon Member
9' SH, slty, sndy lenses
rippled
SS, w/ INTBD SH
1-4' ss beds
humocky x beds, minor rippling
25'
5' covered
164'
5' SS, fg, x-beds
12' INTBD SS & SH
11' SS, 1-3' beds, vfg
x-beds
30' INTBD SS, SH, SLTST, 1-2' beds
vfg, covered ip.
17' SS, x beds, orthoquartzitic
wh-tan, fg, burrows
5' SS, arg, rippled, burrowed
fg, slty
45' SS, massive, cliff former, f-mg
minor burrows, bimodal-
humocky x beds, wh-buff
MIDDLE SANDSTONE
Storrs Member
29' INTBD SS, SH, SLTST
x-beds, 1-6' ss beds
platy, some benches
9' SH W/SLTST
182'
INTBD SLTST, SH, SS, slope forming
covered ip, platy 1-3' ss beds
vfg, arg
75'
12' SS-fg, dense, resistant
12' INTBD SLTST, SH, SS
slope forming
STRATIGRAPHIC LOCATION
LITTLE BEAR SPRING
48' SS-f-mg, wh-buff, clean
massive, cliff former,
x-beds, overlies SH & SLTST
Abundt Joints
LOWER SANDSTONE
Panther Member
MEASURED SECTION
MILL FORK CANYON
4' SS, fg, slty,
12' BLIND CANYON SEAM
1.5' INTBD SS, SLTST, SH, 1" coal at base
6' INTBD SS, SLTST, CARB SH
2.0' 1.3' SS, vfg, slty
2.1' .6' SH, dk gy, slty
SH, carb, blk
SH, buff, slty
13' COVERED, SLTST, SH float, minor clinker
78.5'
27' SS, massive, fluvial, tfn @ top
vfg, burnt, red, slty
10' COVERED, platy ss float
15' SS, fluvial, intertongues w/SH laterally,
x-bed, fn grnd.
6' HIAWATHA, LOWER Leamaster mine portal
9" boney top, 2" blk sh @ base
STARPOINT SS
48' SS, massive, cliff former, f-mg,
vert burrows, joints, x-beds
orthoquartzitic white top
23' SS, 1-4' beds, sh breaks, ripples,
humocky x-beds, abndt burrows
25' COVERED, sh, sltst, ss float
177'
11' SS, 1-3' beds, resistent, vfg
54' INTBD SS, SH, SLTST, 1-2' SS beds,
vfg, burrows, humocky x-beds,
covered in pa ts
8' SS, fg, vert burrows resistant
8' SH, gy, slty.
32' SS, massive, cliff former, fg-mg,
wh-buff, faint x beds
31' INTBD SS, SH, SLTST, 65% SS
thin bds, ripples, humocky x beds
burrows, thicker ss beds at top.
10' COVERED
20' INTBD SS, SH, SLTST aa.
163'
21' COVERED
24' INTBD SS, SH, SLTST A.A.
25' COVERED
40'++ SS, massive, cliff former,
jointed, fn-med, clean
complete section not
measured, jointed.
LITTLE BEAR CANYON
MILL FORK CANYON
AT MINE PORTAL
DATA
SPRING LOCATION: N57,099 E45055 (OLD MINE COORDINATES)
SPRING ELEVATION: 7455'
THICKNESS OF INTERBURDEN
BETWEEN THE LOWER SANDSTONE
OF THE STARPOINT AND BASE OF HIAWATHA SEAM
LITTLE BEAR CANYON: 346'
MILL FORK CANYON: 340'
BEAVER CREEK COAL COMPANY
No. 4 MINE AREA-HUNTINGTON
Emery County, Utah
STARPOINT SANDSTONE CROSS SEC.
LITTLE BEAR TO MILL FORK CANYON
Prepared: A. Papp
Scale: AS SHOWN
Department: R.D.G./Exploration
Date: Oct, 1981
Drawn by F.S.
PLATE 6-8