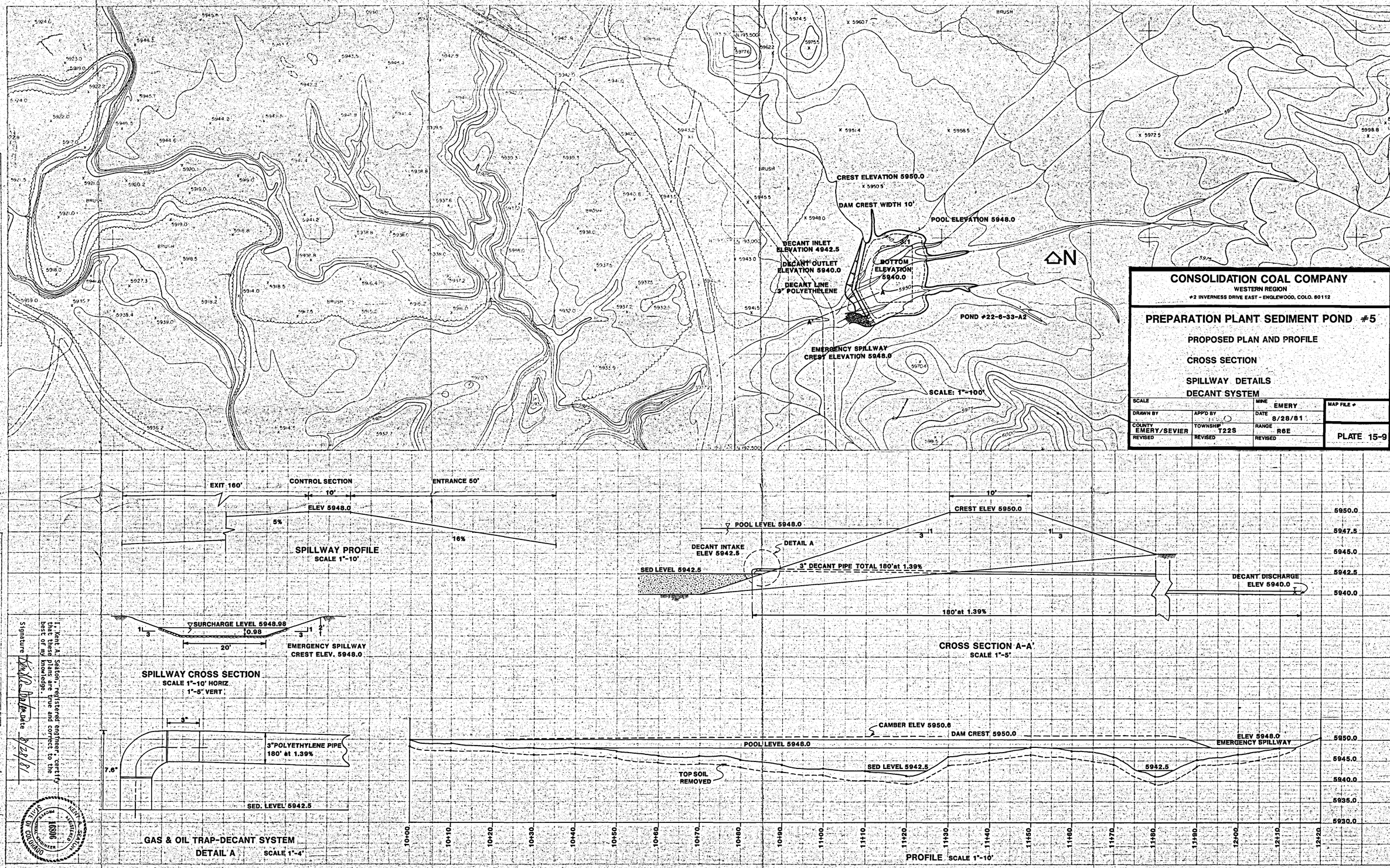
CREST ELEVATION 5950.0
DAM CREST WIDTH 10'
POOL ELEVATION 5948.0
DECANT INLET ELEVATION 4942.5
DECANT OUTLET ELEVATION 5940.0
DECANT LINE 3" POLYETHELENE
BOTTOM ELEVATION 5940.0
POND #22-6-33-A2
EMERGENCY SPILLWAY CREST ELEVATION 5948.0
SCALE: 1"=100'
N
CONSOLIDATION COAL COMPANY
WESTERN REGION
#2 INVERNESS DRIVE EAST - ENGLEWOOD, COLO. 80112
PREPARATION PLANT SEDIMENT POND #5
PROPOSED PLAN AND PROFILE
CROSS SECTION
SPILLWAY DETAILS
DECANT SYSTEM
SCALE
MINE EMERY
MAP FILE #
DRAWN BY
APP'D BY
DATE 8/28/81
COUNTY EMERY/SEVIER
TOWNSHIP T22S
RANGE R6E
REVISED
REVISED
REVISED
PLATE 15-9
EXIT 160'
CONTROL SECTION
10'
ENTRANCE 50'
ELEV 5948.0
5%
16%
SPILLWAY PROFILE
SCALE 1"-10'
10'
CREST ELEV 5950.0
POOL LEVEL 5948.0
DECANT INTAKE ELEV 5942.5
DETAIL A
SED LEVEL 5942.5
3" DECANT PIPE TOTAL 180'at 1.39%
DECANT DISCHARGE ELEV 5940.0
180'at 1.39%
CROSS SECTION A-A'
SCALE 1"-5'
SURCHARGE LEVEL 5948.98
0.98
20'
EMERGENCY SPILLWAY CREST ELEV. 5948.0
SPILLWAY CROSS SECTION
SCALE 1"-10' HORIZ
1"-5' VERT
3"
3"POLYETHYLENE PIPE 180' at 1.39%
7.6"
SED. LEVEL 5942.5
GAS & OIL TRAP-DECANT SYSTEM
DETAIL A
SCALE 1"-4'
CAMBER ELEV 5950.6
DAM CREST 5950.0
POOL LEVEL 5948.0
ELEV 5948.0 EMERGENCY SPILLWAY
SED LEVEL 5942.5
5942.5
TOP SOIL REMOVED
5950.0
5947.5
5945.0
5942.5
5940.0
5935.0
5930.0
10+00
10+10
10+20
10+30
10+40
10+50
10+60
10+70
10+80
10+90
11+00
11+10
11+20
11+30
11+40
11+50
11+60
11+70
11+80
11+90
12+00
12+10
12+20
PROFILE SCALE 1"-10'
PLAN
PROFILE
I, Kent A. Seaton, registered engineer, certify that these plans are true and correct to the best of my knowledge.
Signature
Date 8/28/81
KENT A. SEATON
REGISTERED
PROFESSIONAL ENGINEER
16806
STATE OF COLORADO