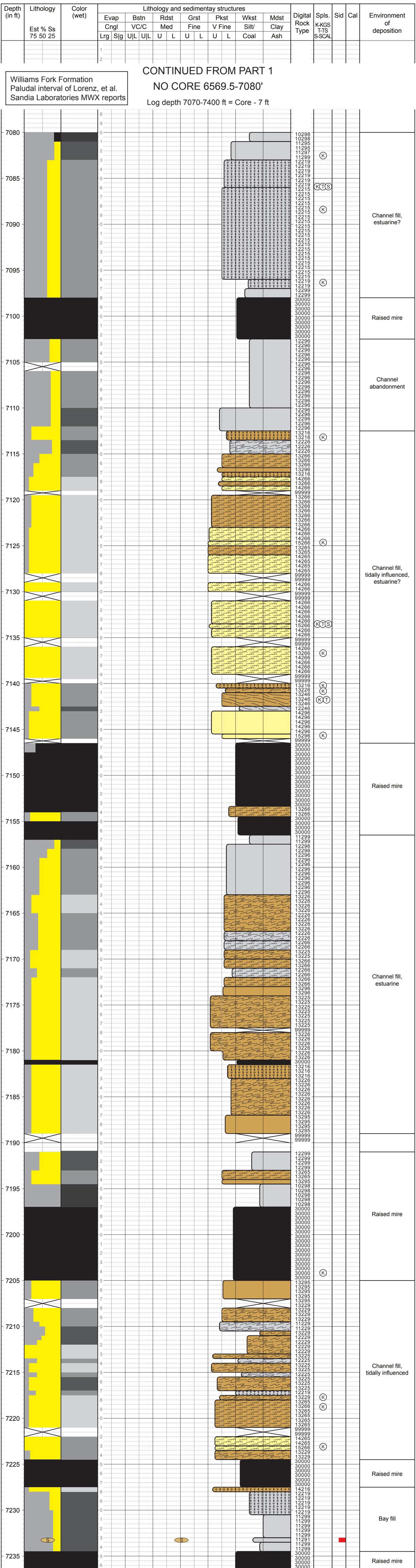
The Discovery Group, Inc.

Client: Kansas Geological Survey
DOE Mesaverde Petrophysics Project

Operator: CER Corporation
Location: SESWNW sec. 34, T6S-R94W
Formation: Mesaverde Group
Core depth: 4870-8141' gross
Core storage location/Library no.: USGS CRC T-649
Described by: John C. Webb, Danielle Strickler

Lease: MWX-2 Superior
County: Garfield State: Wyoming
Basin: Piceance
Log depth 4850-4960 ft = Core depth -10 ft
API: 05-045-06001-0000
Core diam: 4 inch Slabs: 1/3 Condition: Excellent

Part 2 of 2

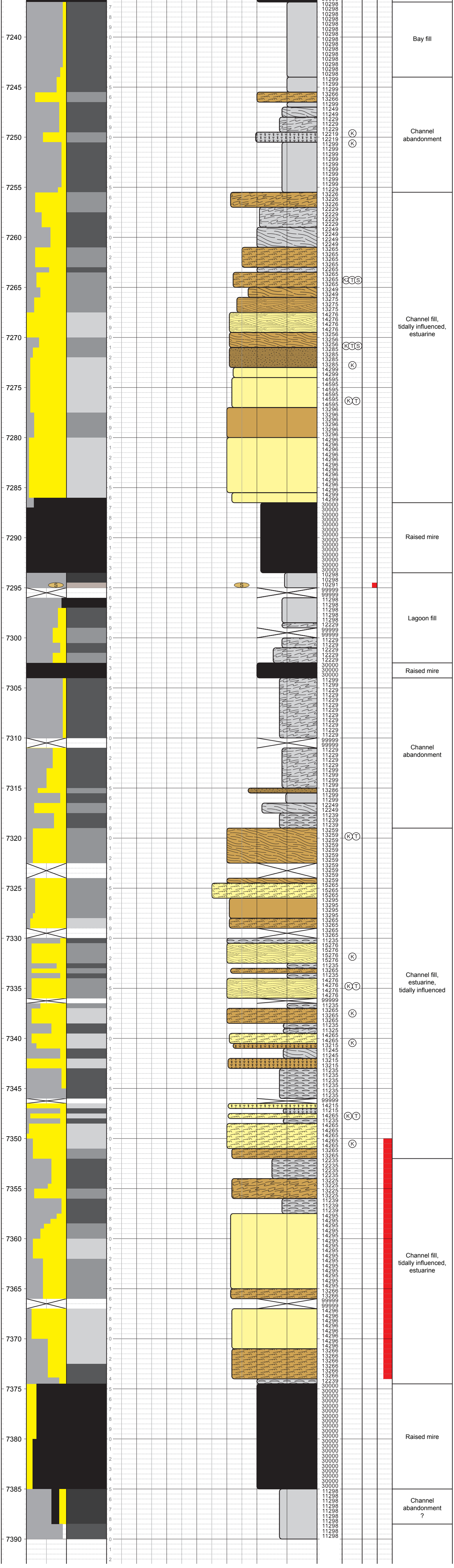

Depth (in ft)
Lithology
Est % Ss
75 50 25
Color (wet)
Lithology and sedimentay structures
Evap
Bstn
Rdst
Grst
Pkst
Wkst
Mdst
Cngl
VC/C
Med
Fine
V Fine
Silt/
Clay
Lrg
S|g
U|L
U|L
U
L
U
L
U
L
Coal
Ash
Digital Rock Type
Spls.
K-KGS
T-TS
S-SCAL
Sid
Cal
Environment of deposition
7080
7085
7090
7095
7100
7105
7110
7115
7120
7125
7130
7135
7140
7145
7150
7155
7160
7165
7170
7175
7180
7185
7190
7195
7200
7205
7210
7215
7220
7225
7230
7235
K
T
S
Channel fill, estuarine?
Raised mire
Channel abandonment
Channel fill, tidally influenced, estuarine?
Raised mire
Channel fill, estuarine
Raised mire
Channel fill, tidally influenced
Raised mire
Bay fill
Raised mire

Williams Fork Formation
Paludal interval of Lorenz, et al.
Sandia Laboratories MWX reports

CONTINUED FROM PART 1

NO CORE 6569.5-7080'

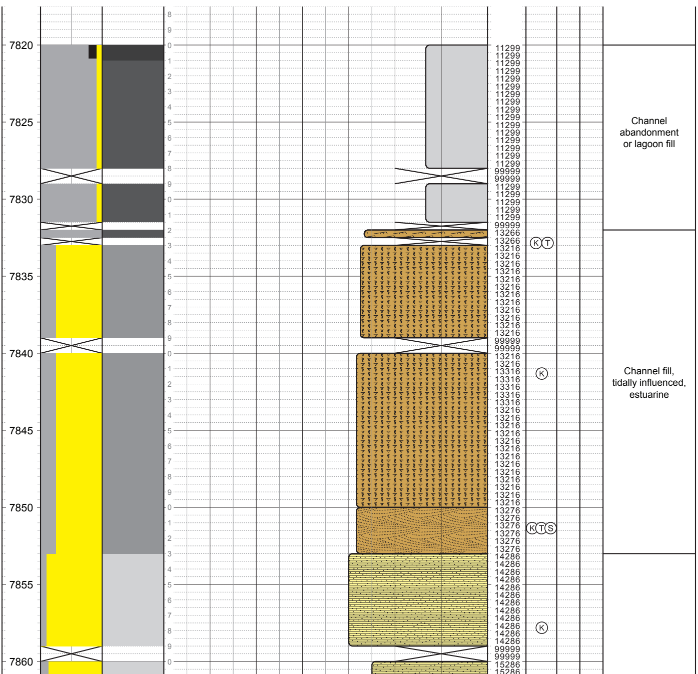
Log depth 7070-7400 ft = Core - 7 ft

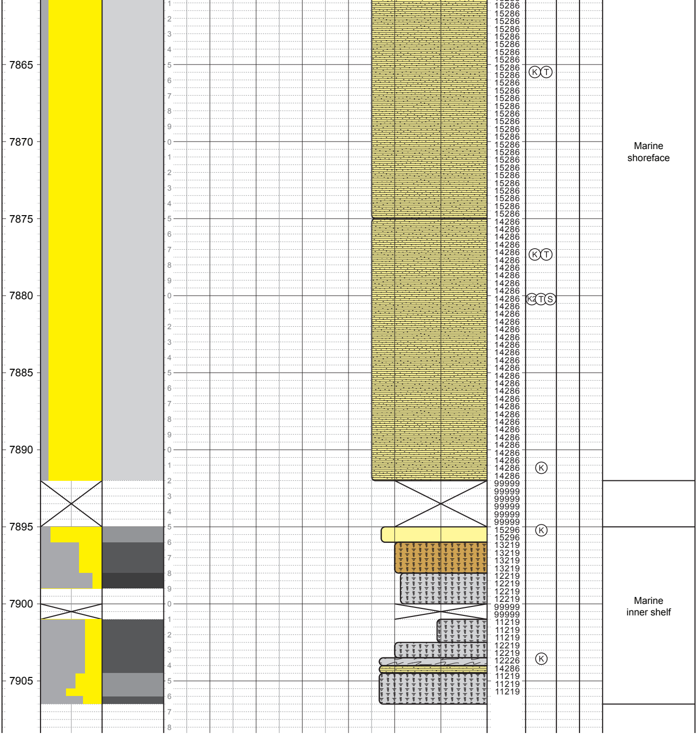

7240
7245
7250
7255
7260
7265
7270
7275
7280
7285
7290
7295
7300
7305
7310
7315
7320
7325
7330
7335
7340
7345
7350
7355
7360
7365
7370
7375
7380
7385
7390
Bay fill
Channel abandonment
Channel fill, tidally influenced, estuarine
Raised mire
Lagoon fill
Raised mire
Channel abandonment
Channel fill, estuarine, tidally influenced
Channel fill, tidally influenced, estuarine
Raised mire
Channel abandonment ?

Iles Formation
Cozzette Member

NO CORE 7389.5-7820'

Log depth 7810-7910 ft = Core - 6 ft

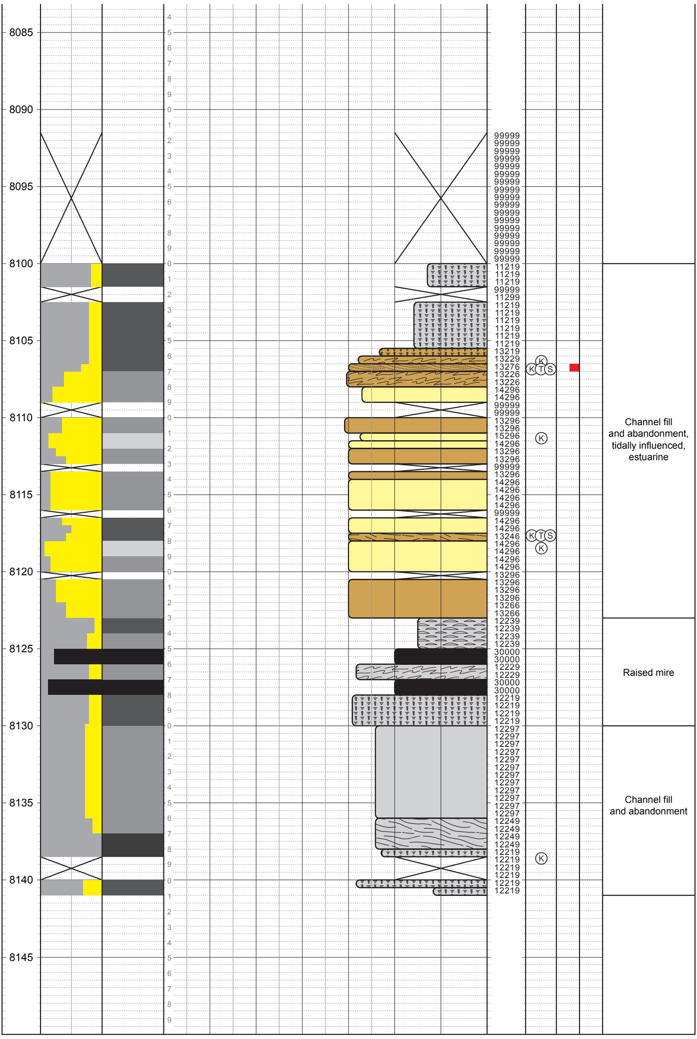

7820
7825
7830
7835
7840
7845
7850
7855
7860
Channel abandonment or lagoon fill
Channel fill, tidally influenced, estuarine



Iles Formation
Corcoran Member

NO CORE 7905.5-8091.5'

Log depth 8090-8150 ft = Core - 6 ft


8085
8090
8095
8100
8105
8110
8115
8120
8125
8130
8135
8140
8145
Channel fill and abandonment, tidally influenced, estuarine
Raised mire
Channel fill and abandonment