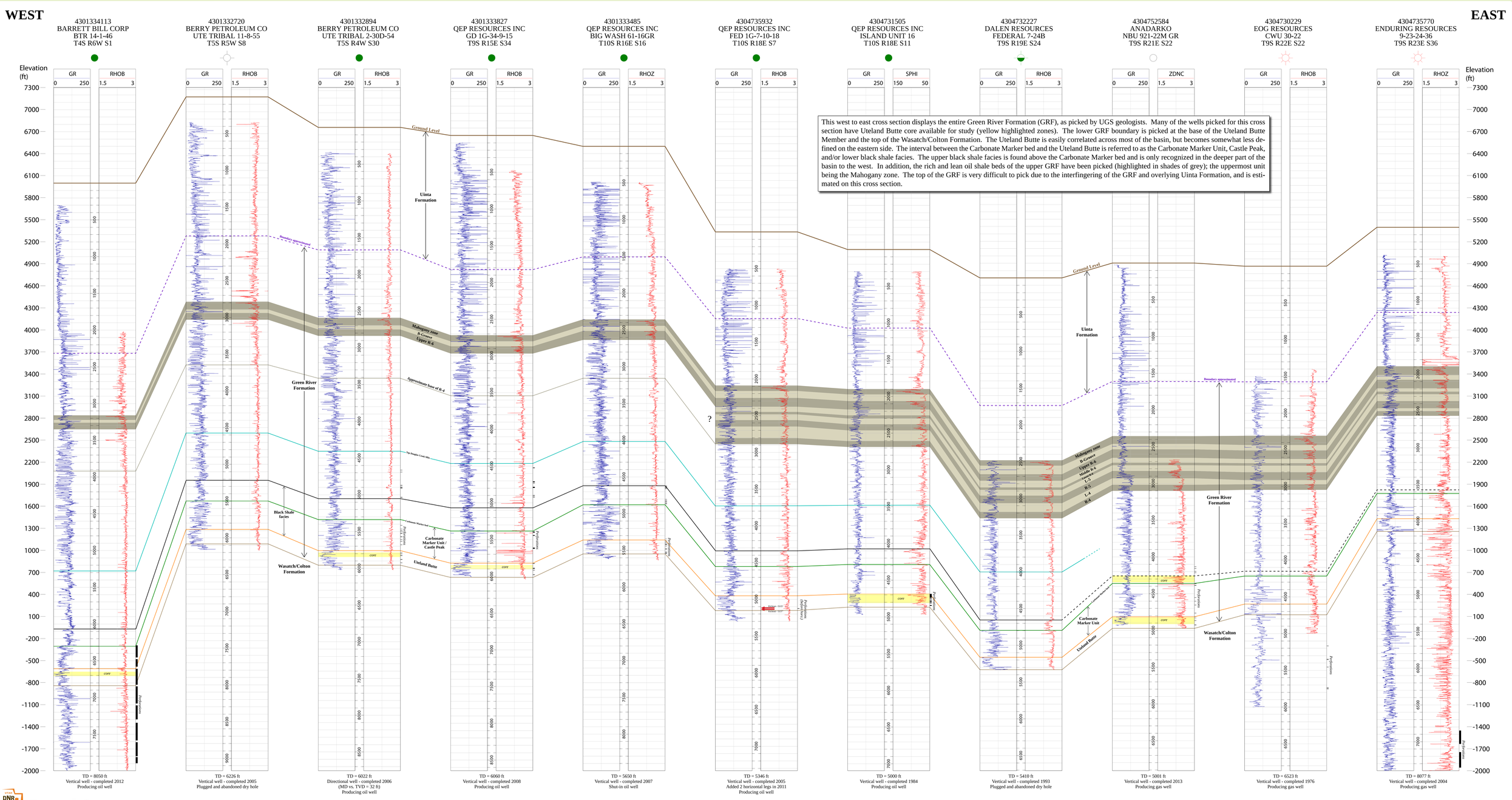
WEST
EAST
4301334113
BARRETT BILL CORP
BTR 14-1-46
T4S R6W S1
4301332720
BERRY PETROLEUM CO
UTE TRIBAL 11-8-55
T5S R5W S8
4301332894
BERRY PETROLEUM CO
UTE TRIBAL 2-30D-54
T5S R4W S30
4301333827
QEP RESOURCES INC
GD 1G-34-9-15
T9S R15E S34
4301333485
QEP RESOURCES INC
BIG WASH 61-16GR
T10S R16E S16
4304735932
QEP RESOURCES INC
FED 1G-7-10-18
T10S R18E S7
4304731505
QEP RESOURCES INC
ISLAND UNIT 16
T10S R18E S11
4304732227
DALEN RESOURCES
FEDERAL 7-24B
T9S R19E S24
4304752584
ANADARKO
NBU 921-22M GR
T9S R21E S22
4304730229
EOG RESOURCES
CWU 30-22
T9S R22E S22
4304735770
ENDURING RESOURCES
9-23-24-36
T9S R23E S36
Elevation (ft)
GR
RHOB
RHOZ
SPHI
ZDNC
Ground Level
Uinta Formation
Green River Formation
Wasatch/Colton Formation
Mahogany zone
B Groove
Upper B-6
Middle B-6
Lower B-6
B-5
B-4
K-4
Approximate base of K-4
Top Douglas Creek Mbr.
Black Shale facies
Carbonate Marker Unit / Castle Peak
Carbonate Marker Unit
Uteland Butte
Boundary approximated
Boundary unknown
core
Production
?
This west to east cross section displays the entire Green River Formation (GRF), as picked by UGS geologists. Many of the wells picked for this cross section have Uteland Butte core available for study (yellow highlighted zones). The lower GRF boundary is picked at the base of the Uteland Butte Member and the top of the Wasatch/Colton Formation. The Uteland Butte is easily correlated across most of the basin, but becomes somewhat less defined on the eastern side. The interval between the Carbonate Marker bed and the Uteland Butte is referred to as the Carbonate Marker Unit, Castle Peak, and/or lower black shale facies. The upper black shale facies is found above the Carbonate Marker bed and is only recognized in the deeper part of the basin to the west. In addition, the rich and lean oil shale beds of the upper GRF have been picked (highlighted in shades of grey); the uppermost unit being the Mahogany zone. The top of the GRF is very difficult to pick due to the interfingering of the GRF and overlying Uinta Formation, and is estimated on this cross section.
TD = 8050 ft
Vertical well - completed 2012
Producing oil well
TD = 6226 ft
Vertical well - completed 2005
Plugged and abandoned dry hole
TD = 6022 ft
Directional well - completed 2006
(MD vs. TVD = 32 ft)
Producing oil well
TD = 6060 ft
Vertical well - completed 2008
Producing oil well
TD = 5650 ft
Vertical well - completed 2007
Shut-in oil well
TD = 5346 ft
Vertical well - completed 2005
Added 2 horizontal legs in 2011
Producing oil well
TD = 5000 ft
Vertical well - completed 1984
Producing oil well
TD = 5410 ft
Vertical well - completed 1993
Plugged and abandoned dry hole
TD = 5001 ft
Vertical well - completed 2013
Producing gas well
TD = 6523 ft
Vertical well - completed 1976
Producing gas well
TD = 8077 ft
Vertical well - completed 2004
Producing gas well

Panel 2