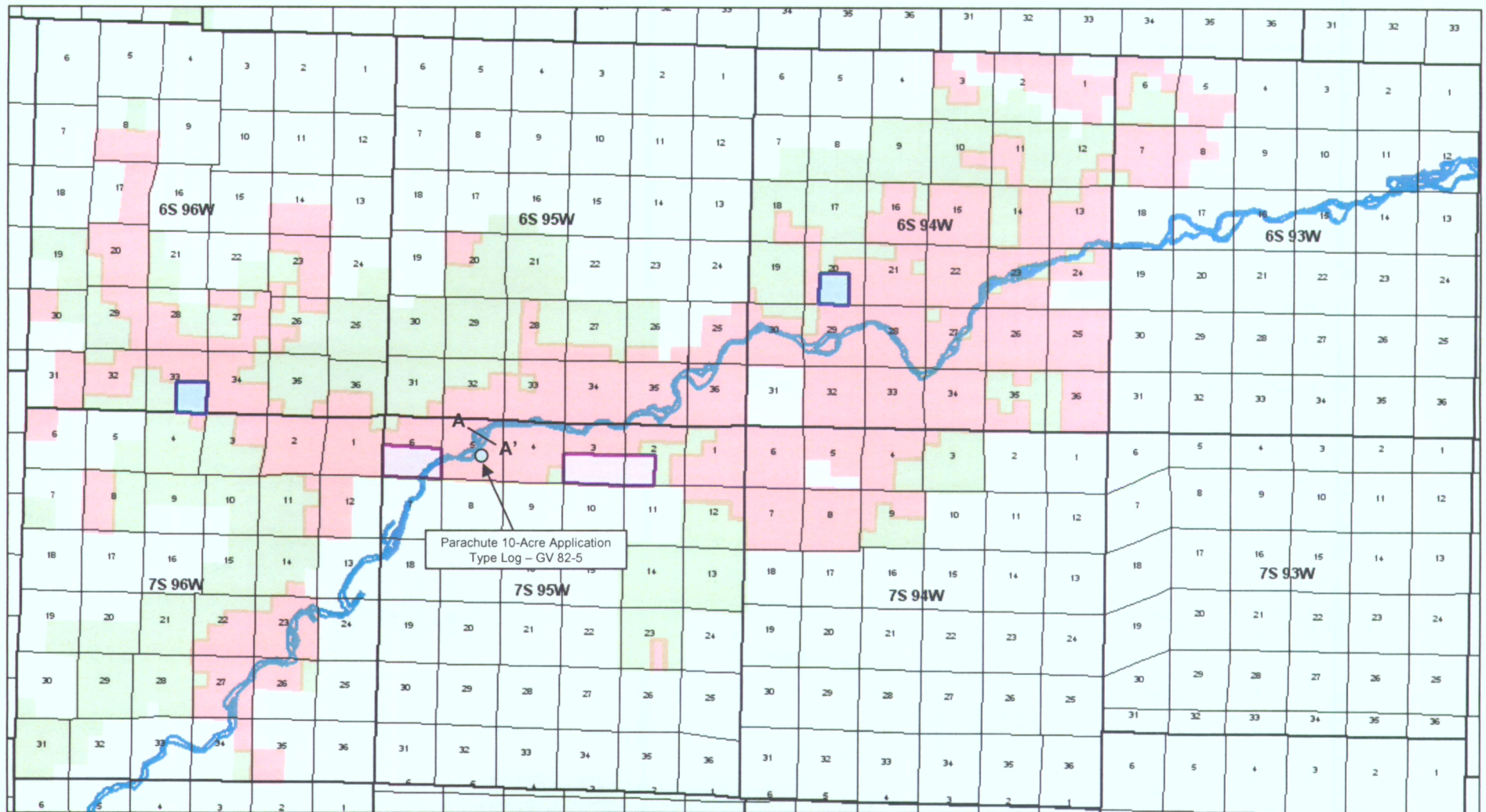




#440-46

10-acre Density Application Lands

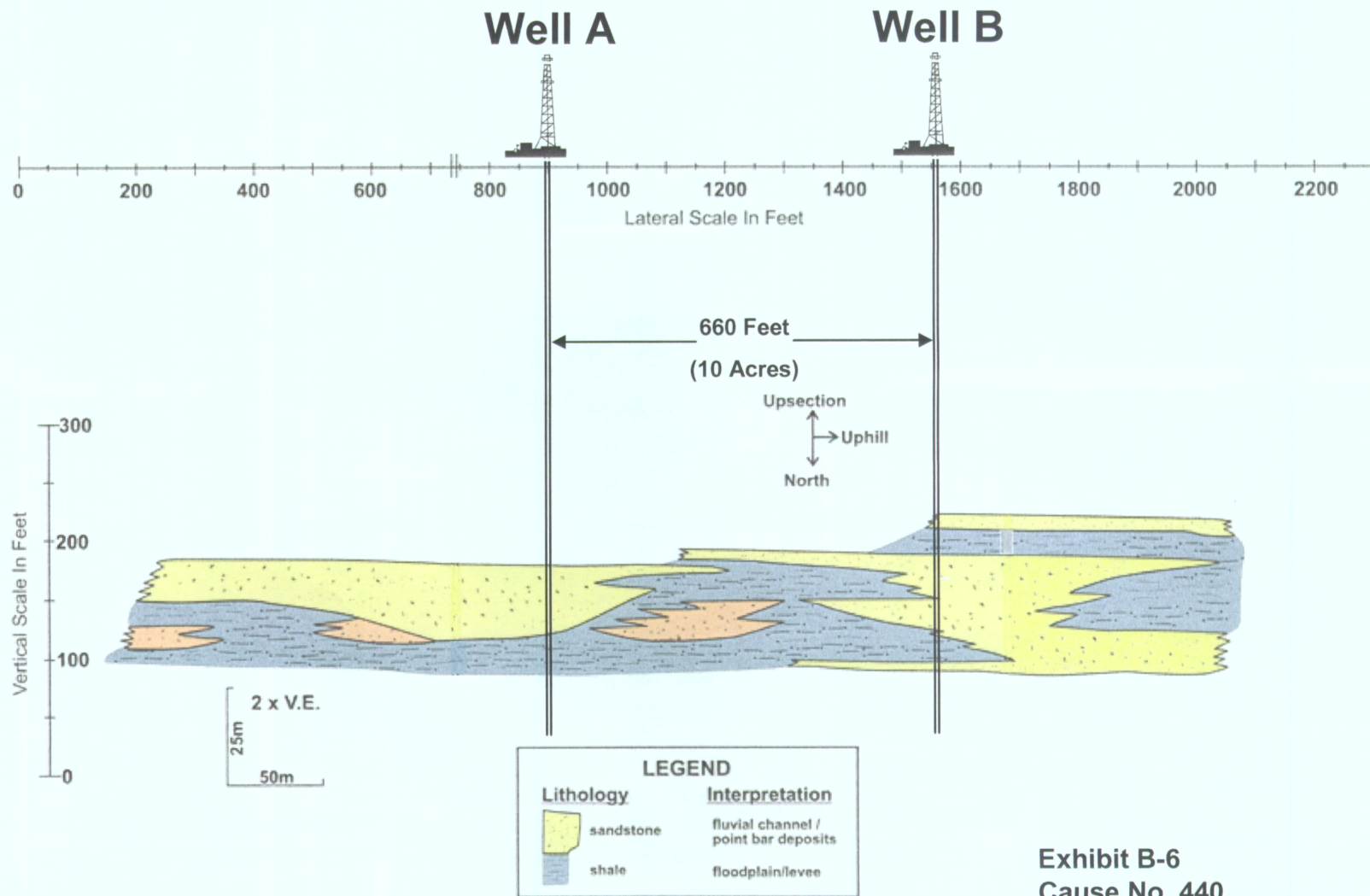


Purple = Application Area
Green = Approved Federal 10-acre Density
Red = Approved Fee 10-acre Density
Blue = 10-acre Pilot Areas (2001)

Exhibit: A-2
Cause No.: 440
Docket No.: 0706-AW-16

Williams Fork Sandstone Bodies With Hypothetical 10-Acre Wells

Eastern Margin of Piceance Basin - Mesaverde Outcrop at Rifle Gap (near Rifle, Colorado)



Outcrop of lens 8, west side of Rifle Gap, modified from Lorenz, 1982 (Pg. 28, Fig. 12).

Exhibit B-6
Cause No. 440
Docket No. 0706-AW-16

Grand Valley Field 4-well Example (Sec 1-7S-96W)
10-acre Offsetting Production



Exhibit: C-10

Docket No.: 0706-AW-16

Cause No.: 440

Grand Valley Field Average Monthly Production Comparison

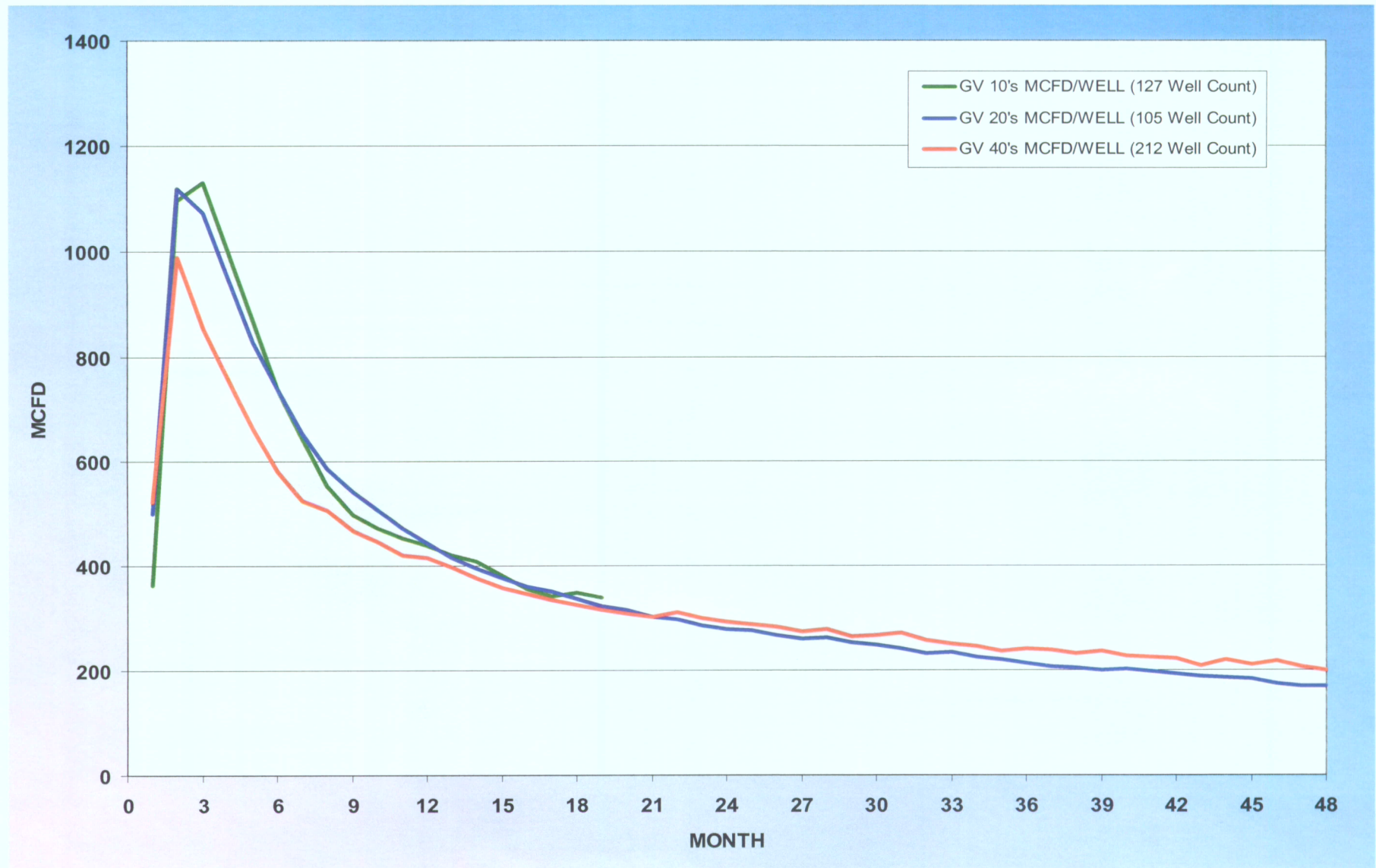


Exhibit: C-11
Docket No.: 0706-AW-16
Cause No.: 440

Parachute Field Average Monthly Production Comparison



Exhibit: C-12
Docket No.: 0706-AW-16
Cause No.: 440

Rulison Field Average Monthly Production Comparison

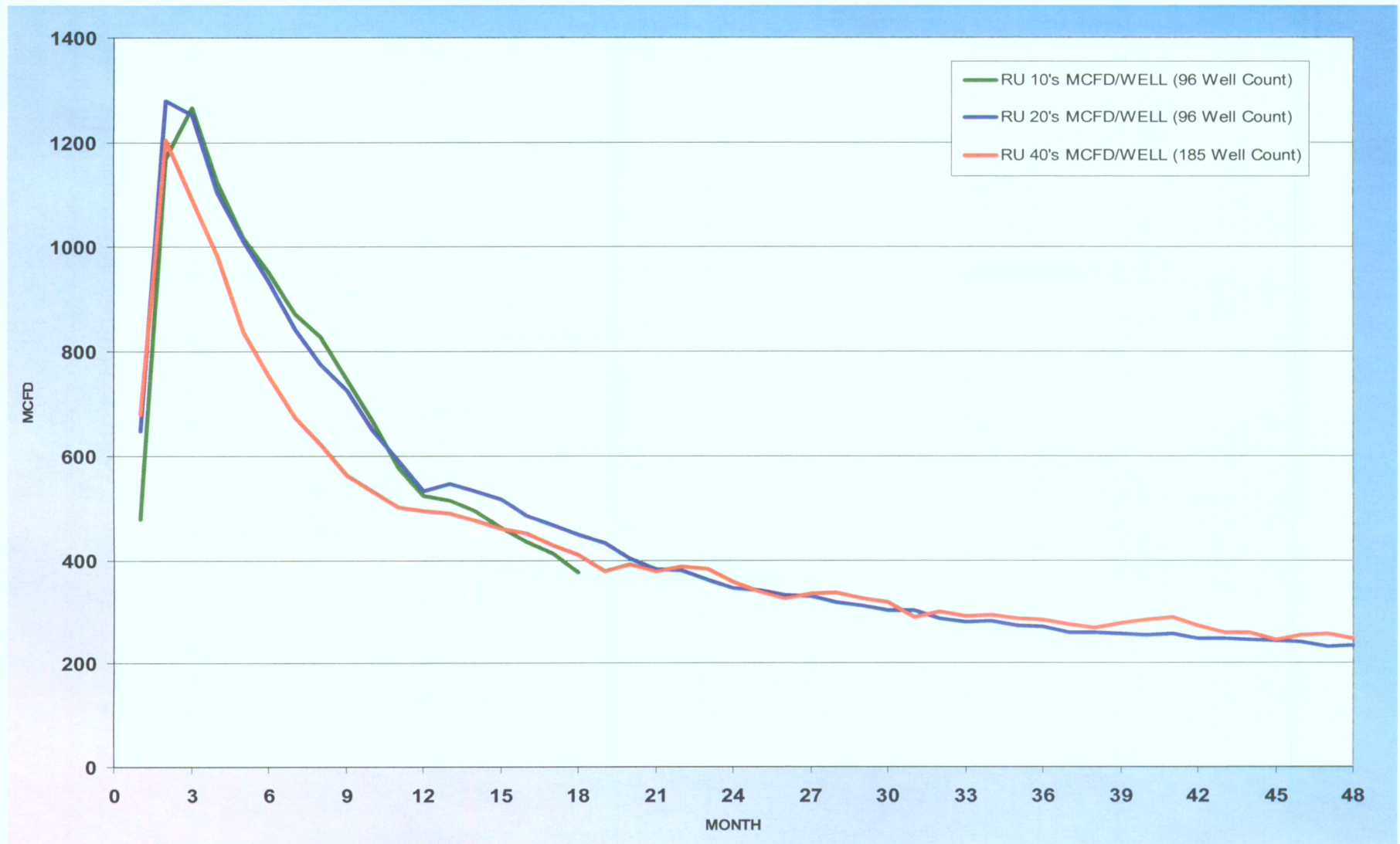
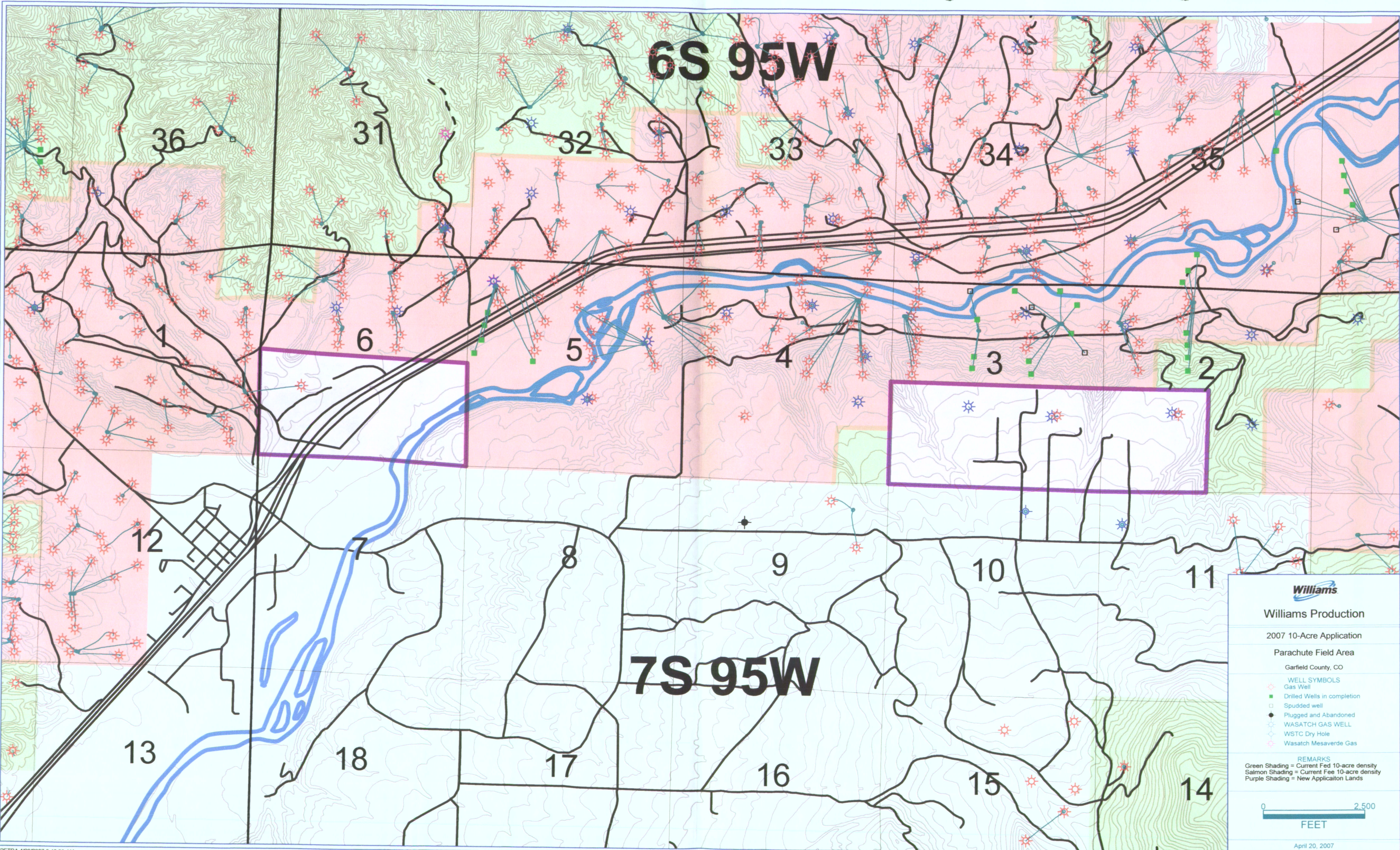
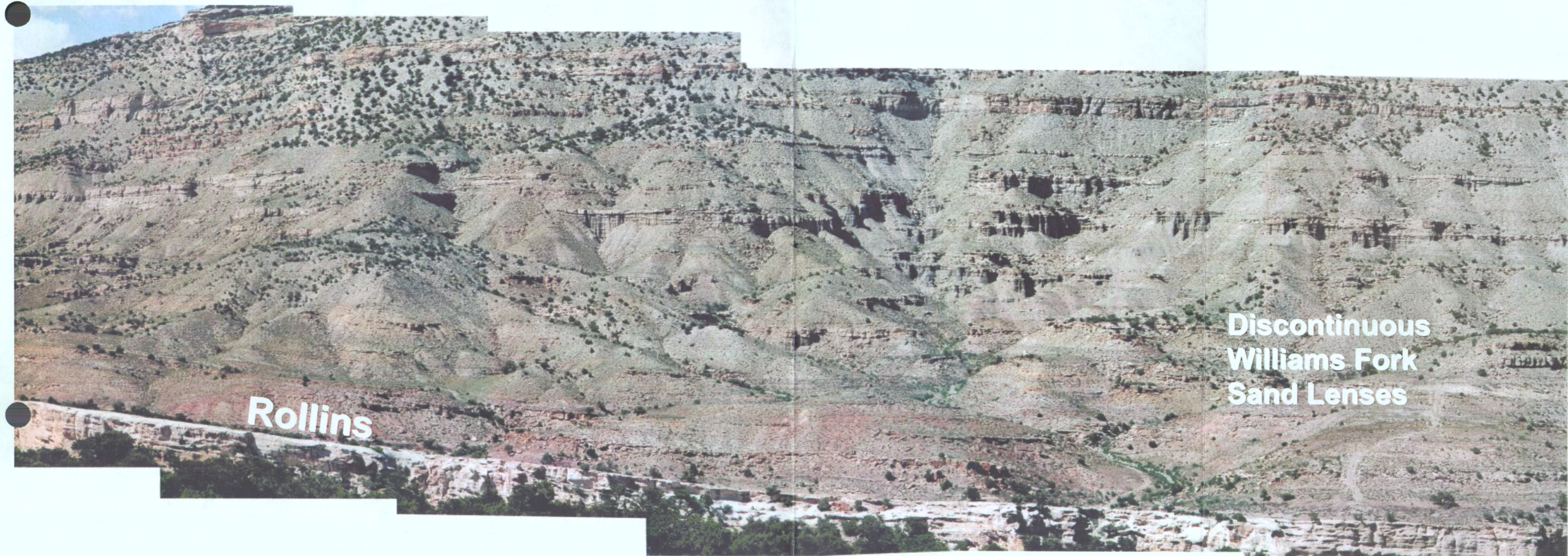


Exhibit: C-13
Docket No.: 0706-AW-16
Cause No.: 440



Mesaverde Outcrop, Coal Canyon Near Cameo, Colorado



- Approximately 24 miles southwest of Grand Valley Field, very similar lower Williams Fork section to that producing in Grand Valley, Parachute, and Rulison Fields
- Outcrop study of excellent exposures near Cameo, Colorado was undertaken to gather data on sand body extents

A

A'

PA 531-5

PA 32-5

PA 342-5

690ft

1192ft

Williams Fork Formation

Cameo Coal Interval

Cameo Coal Interval

Cameo Coal Interval

Cameo Coal Interval

Cameo Coal Interval

Rollins Sandstone

Rollins Sandstone

Williams Fork Sandstone Bodies With Hypothetical 10-acre wells

Western Margin of Piceance Basin - Mesaverde Outcrop in Coal Canyon (near Cameo, Colorado)

