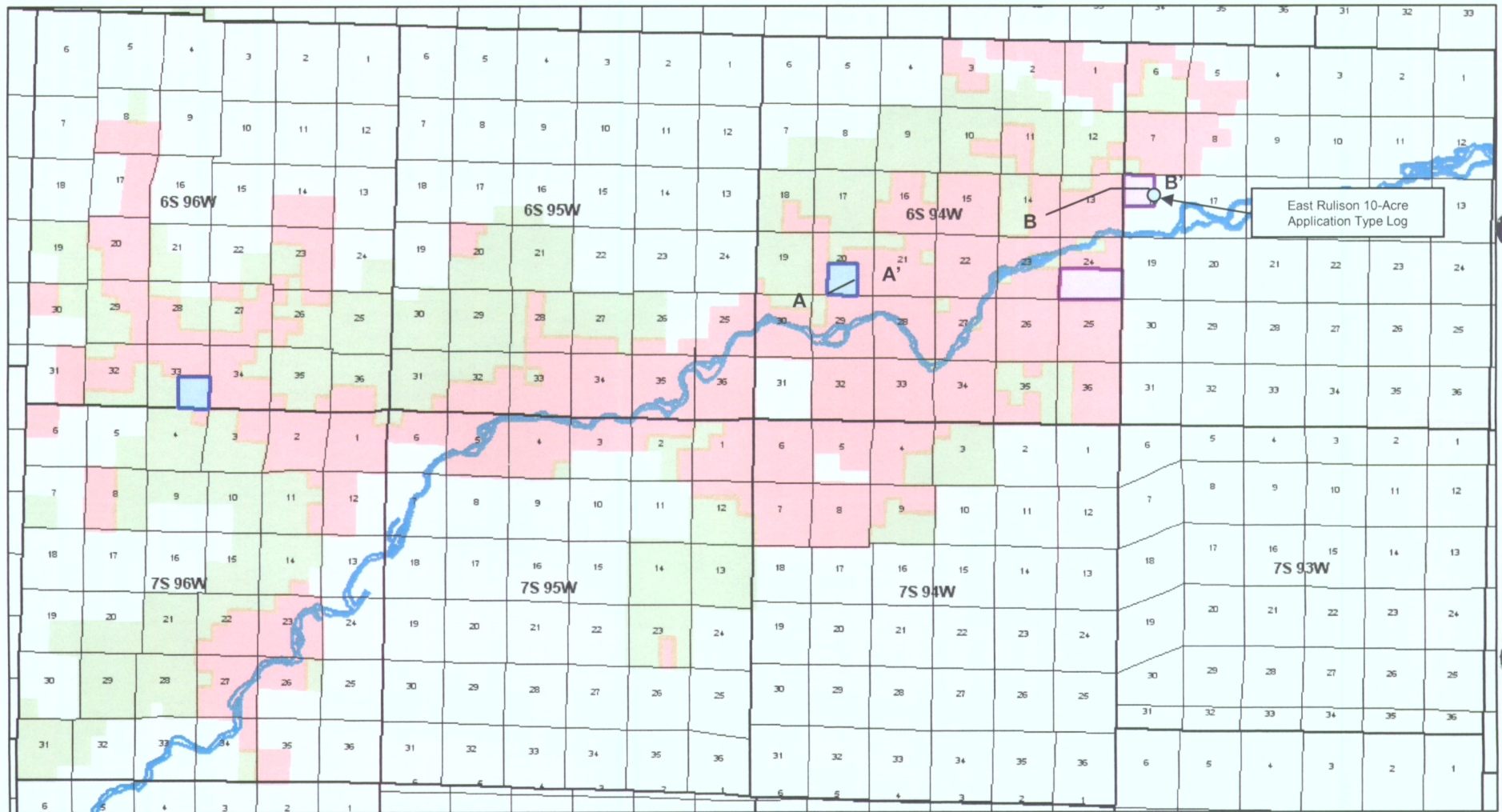


10-acre Density Application Lands



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

#139-77

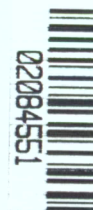


Exhibit: A-2
 Cause No.: 139
 Docket No.: 0706-AW-15

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

Williams Fork Formation

Cameo Coal Interval

A

RMV 209-20
TWS RMV 528
SPUD DATE: 10/11/1999
ELEV. RB: 5.314
TD: 7.382

740ft

RWF 534-20
TWS RMV 528
SPUD DATE: 10/11/1999
ELEV. RB: 5.330
TD: 7.770

673ft

A'

RMV 210-20
TWS RMV 528
SPUD DATE: 12/17/1999
ELEV. RB: 5.320
TD: 7.404

Cameo Coal Interval

Cameo Coal Interval

Cameo Coal Interval

Cameo Coal Interval

Rollins Sandstone

Rollins Sandstone

Williams Fork Formation

A

RMV 209-20
TWS RMV 528
SPUD DATE: 1/15/1999
ELEV. KB: 5.334
TD: 7.342

740ft

RWF 534-20
TWS RMV 528
SPUD DATE: 1/15/1999
ELEV. KB: 5.335
TD: 7.779

673ft

A'

RMV 210-20
TWS RMV 528
SPUD DATE: 1/15/1999
ELEV. KB: 5.330
TD: 7.484

Cameo Coal Interval

Cameo Coal Interval

Cameo Coal Interval

Cameo Coal Interval

Cameo Coal Interval

Rollins Sandstone

Rollins Sandstone

Williams Fork Formation

B

2910ft

RECEIVED
JUN 7 2007
COGCC

1168ft

B'

Cameo Coal Interval

Cameo Coal Interval

Cameo Coal Interval

Rollins Sandstone

Rollins Sandstone

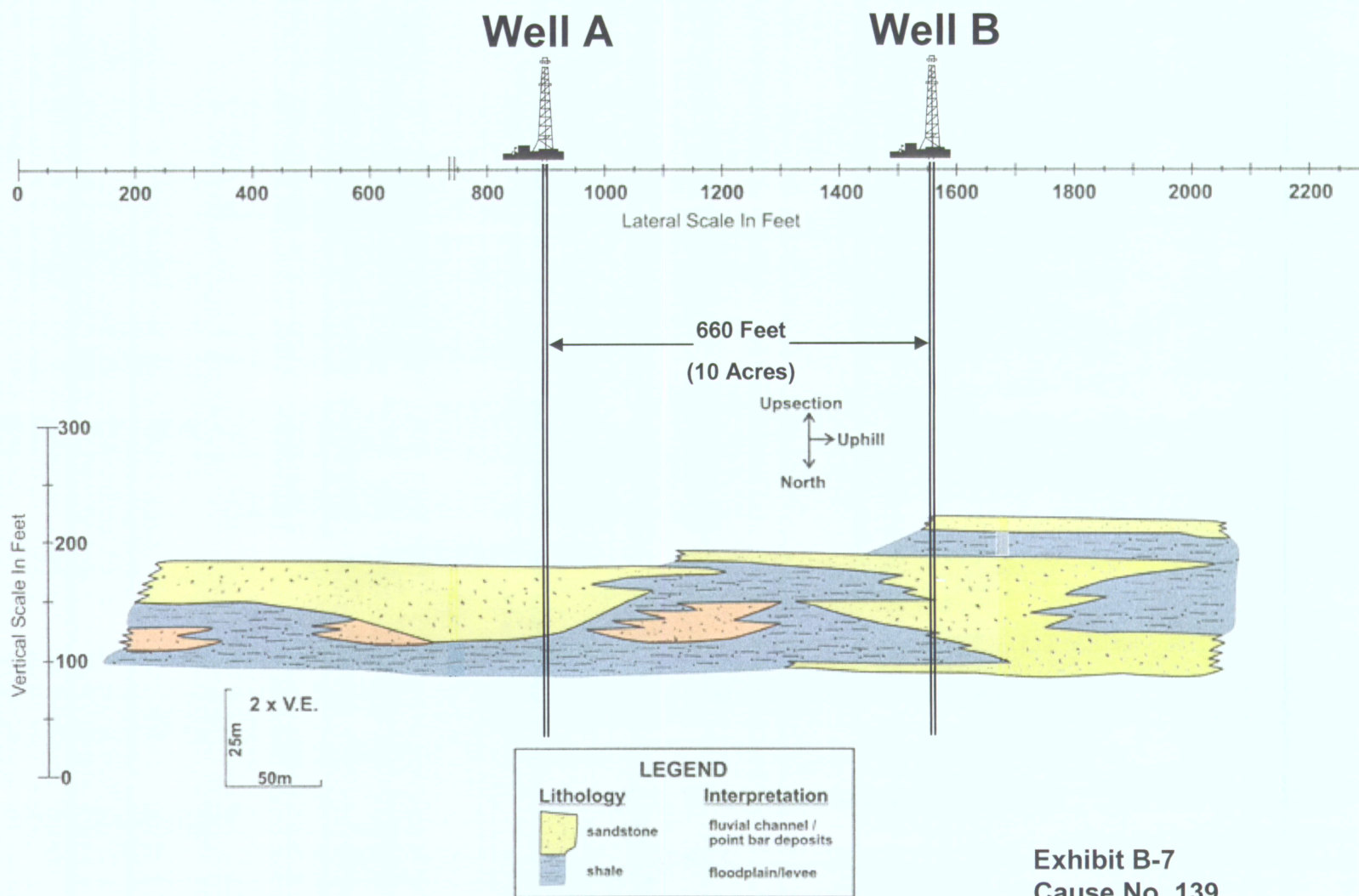
RU 32-12
TTS R94W S12
7/3/1999
ELEV. NB: 7,263
TD: 8,830

RU 12-7
TTS R93W S7
7/3/1999
ELEV. NB: 7,239
TD: 8,740

RU 22-7
TTS R93W S7
5/30/1997
ELEV. NB: 7,351
TD: 8,877

Williams Fork Sandstone Bodies With Hypothetical 10-Acre Wells

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

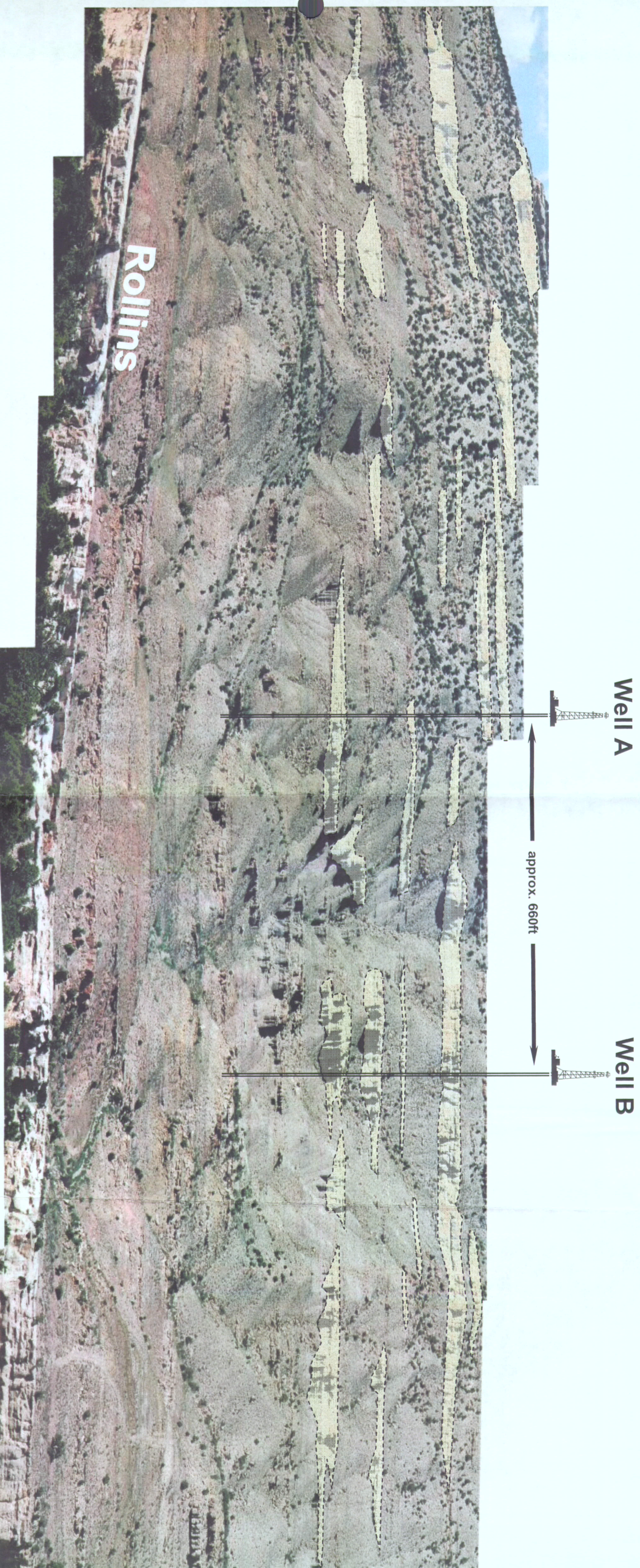


Outcrop of lens 8, west side of Rifle Gap, modified from Lorenz, 1982 (Pg. 28, Fig. 12).

Exhibit B-7
Cause No. 139
Docket No. 0706-AW-15

Williams Fork Sandstone Bodies With Hypothetical 10-acre wells

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



**Rulison Field 4-well Example (Sec 27-6S-94W)
10-acre Offsetting Production**

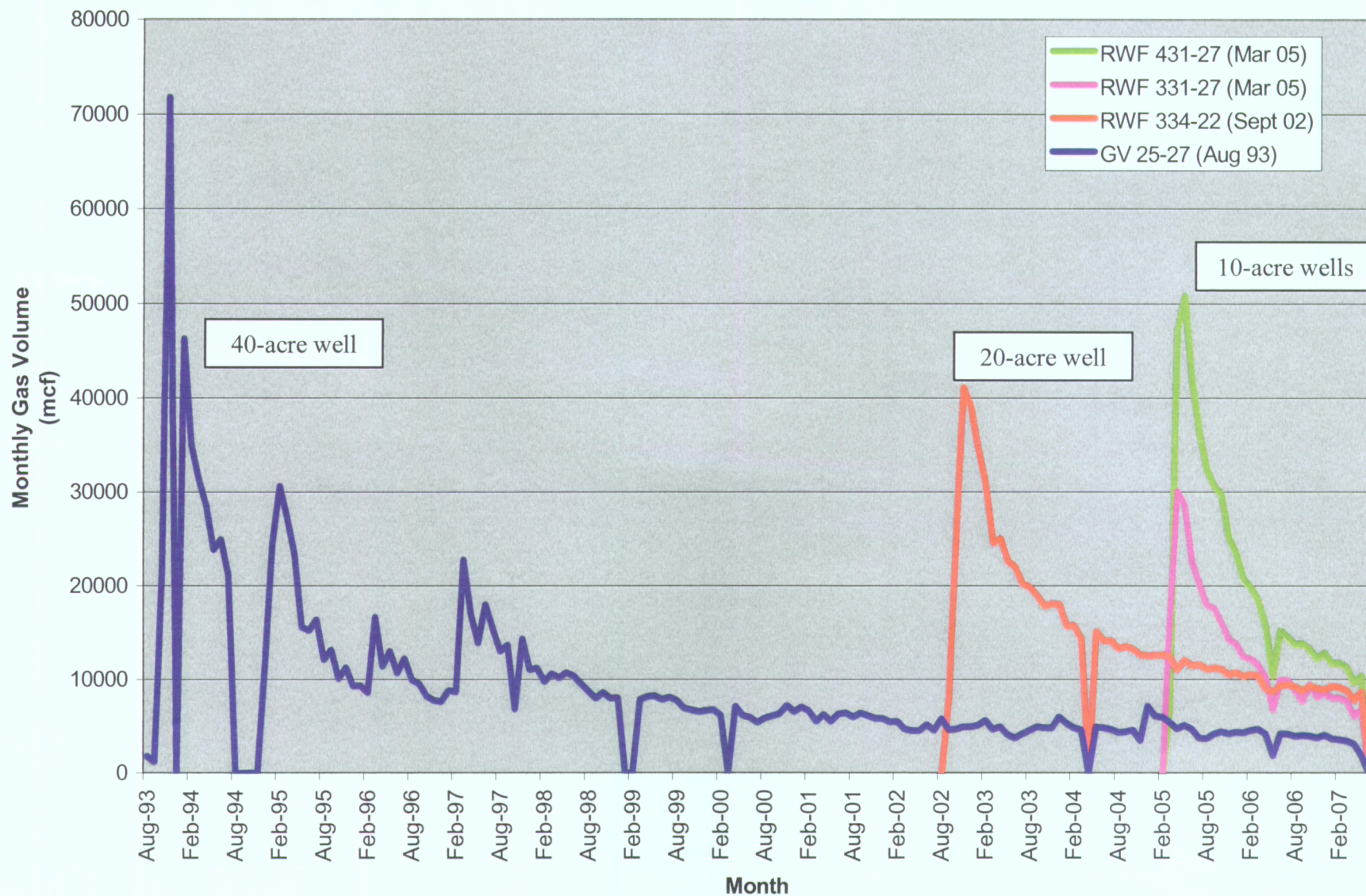


Exhibit: C-10
Docket No.: 0706-AW-15
Cause No.: 139

Grand Valley Field Average Monthly Production Comparison

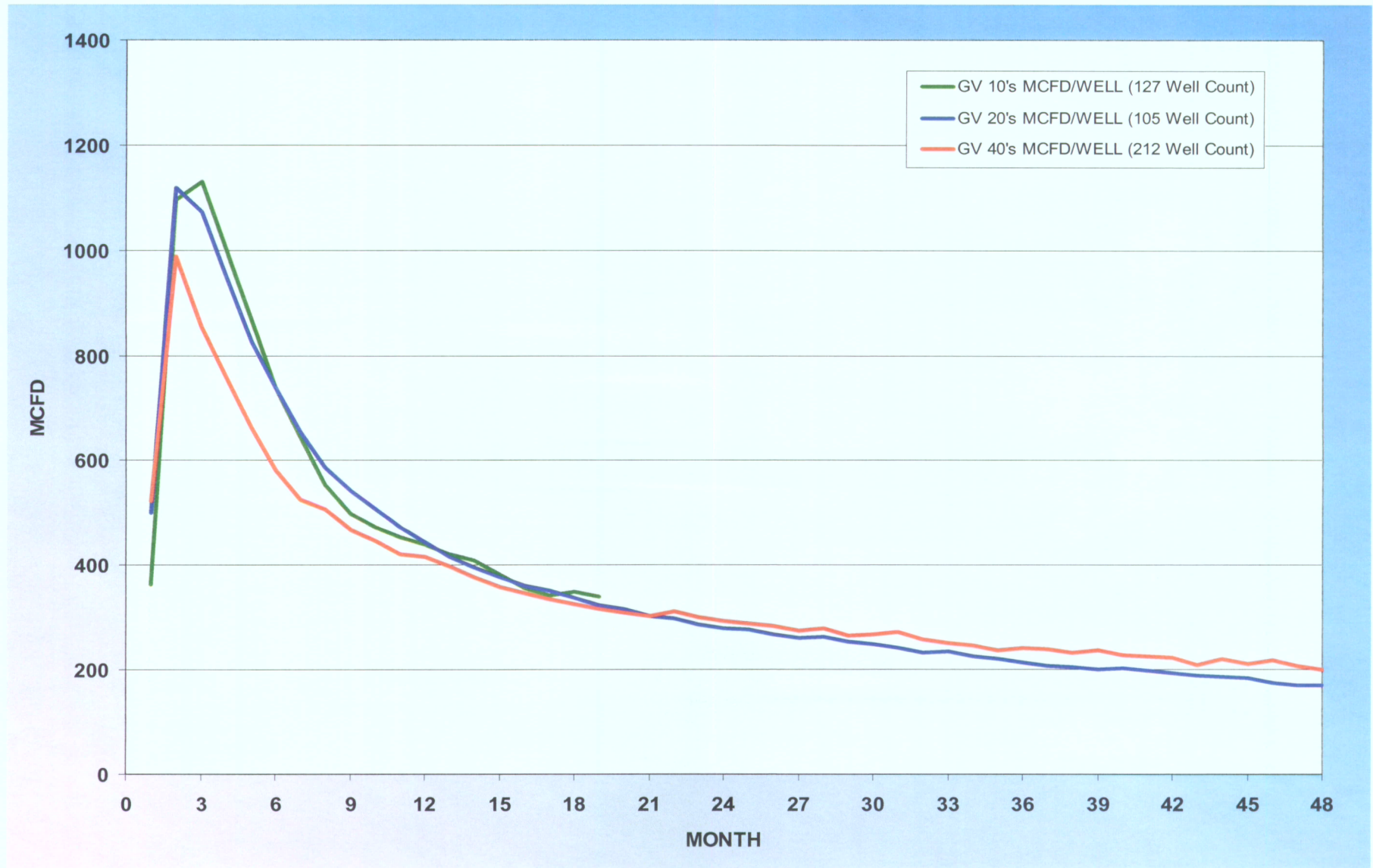


Exhibit: C-11
Docket No.: 0706-AW-15
Cause No.: 139

Parachute Field Average Monthly Production Comparison

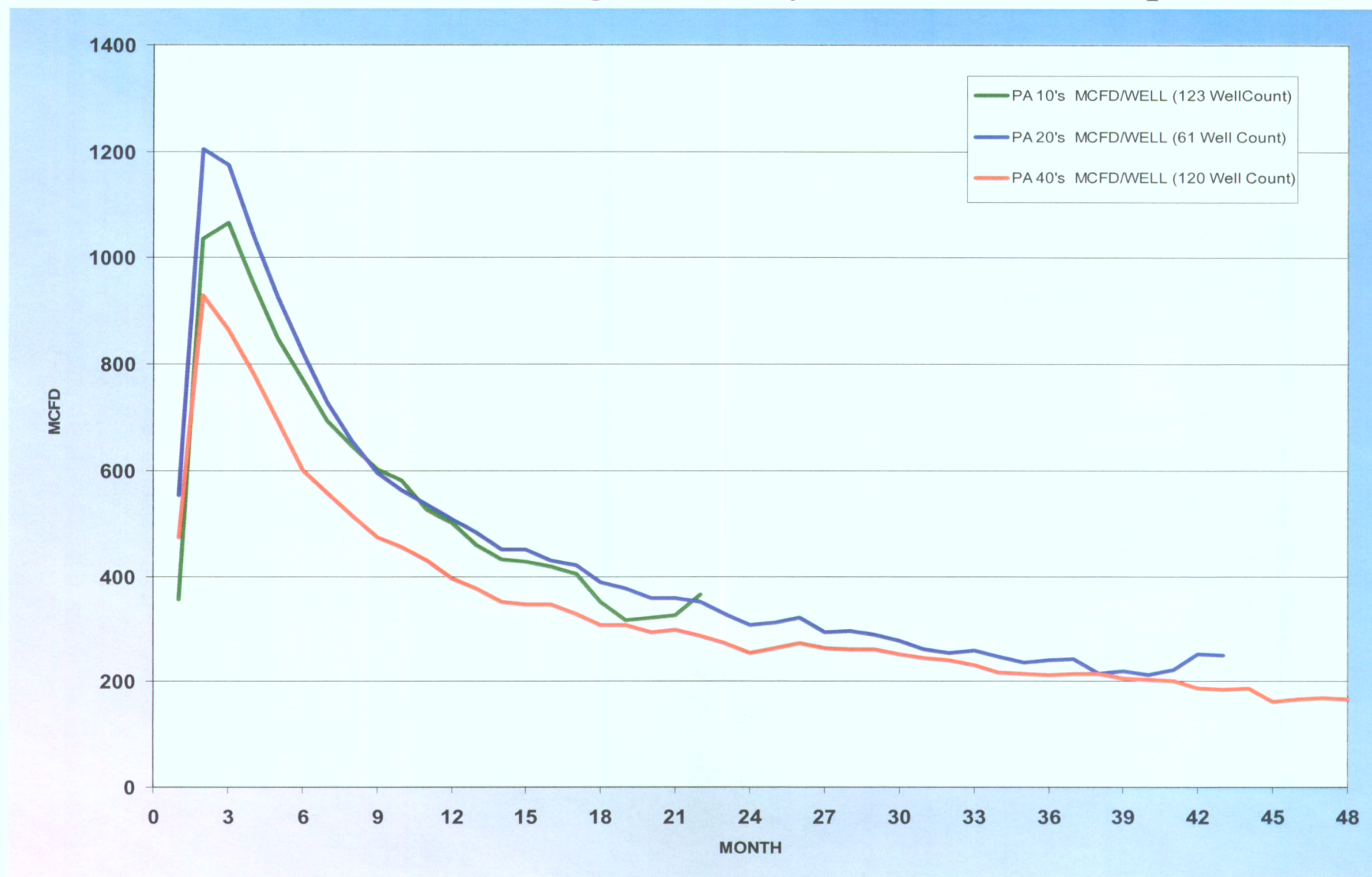


Exhibit: C-12
Docket No.: 0706-AW-15
Cause No.: 139

Rulison Field Average Monthly Production Comparison



