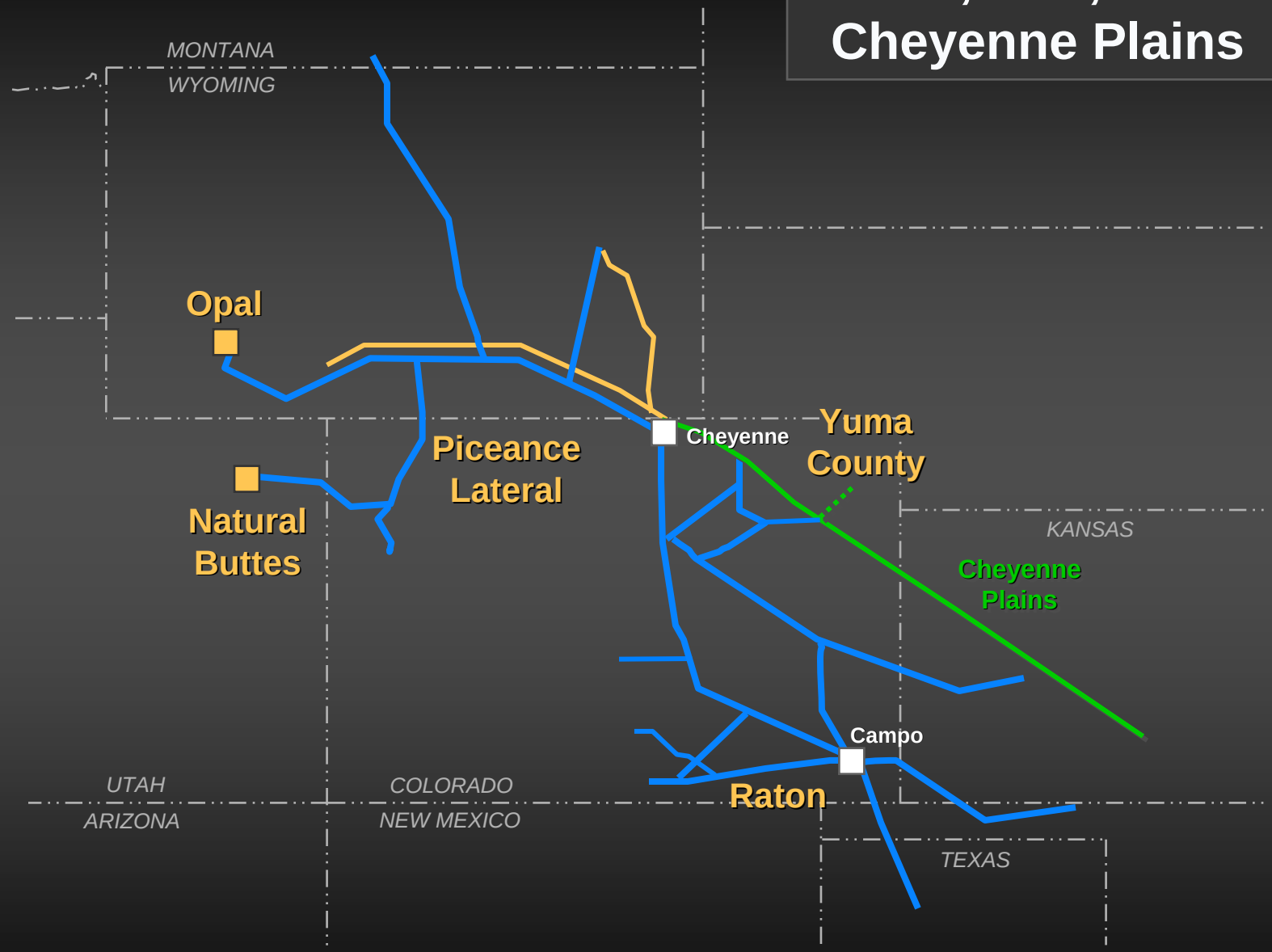
Craig Coombs
Director, Project Development

Project Update

Colorado Interstate Gas
an El Paso company

CIG, WIC, and Cheyenne Plains



Projects

- CIG Raton expansion
- WIC Piceance Lateral extension
- WIC Opal extension
- CIG Natural Buttes to Wamsutter
- Cheyenne Plains expansion
- Cheyenne Plains Bitter Creek extension

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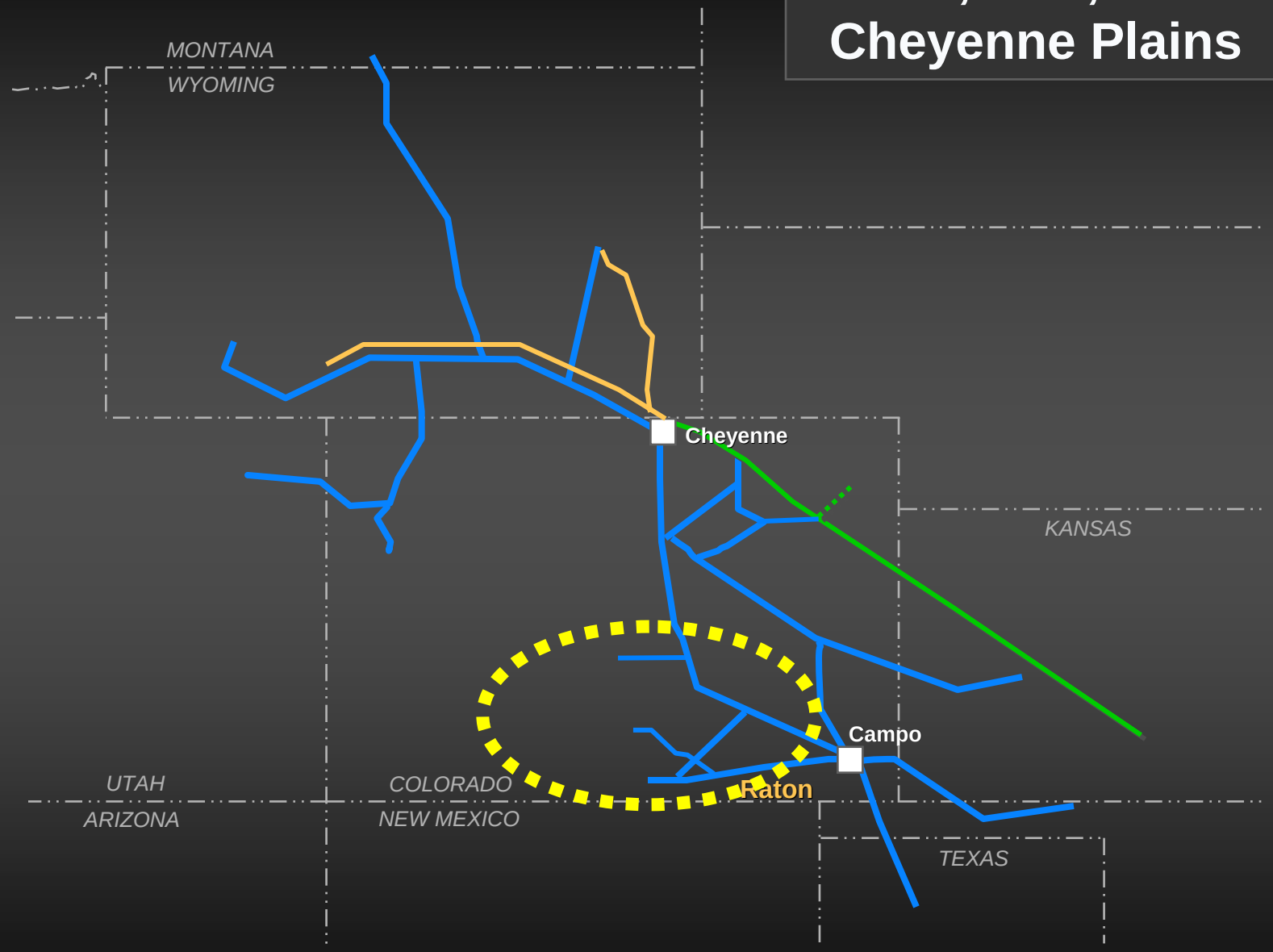
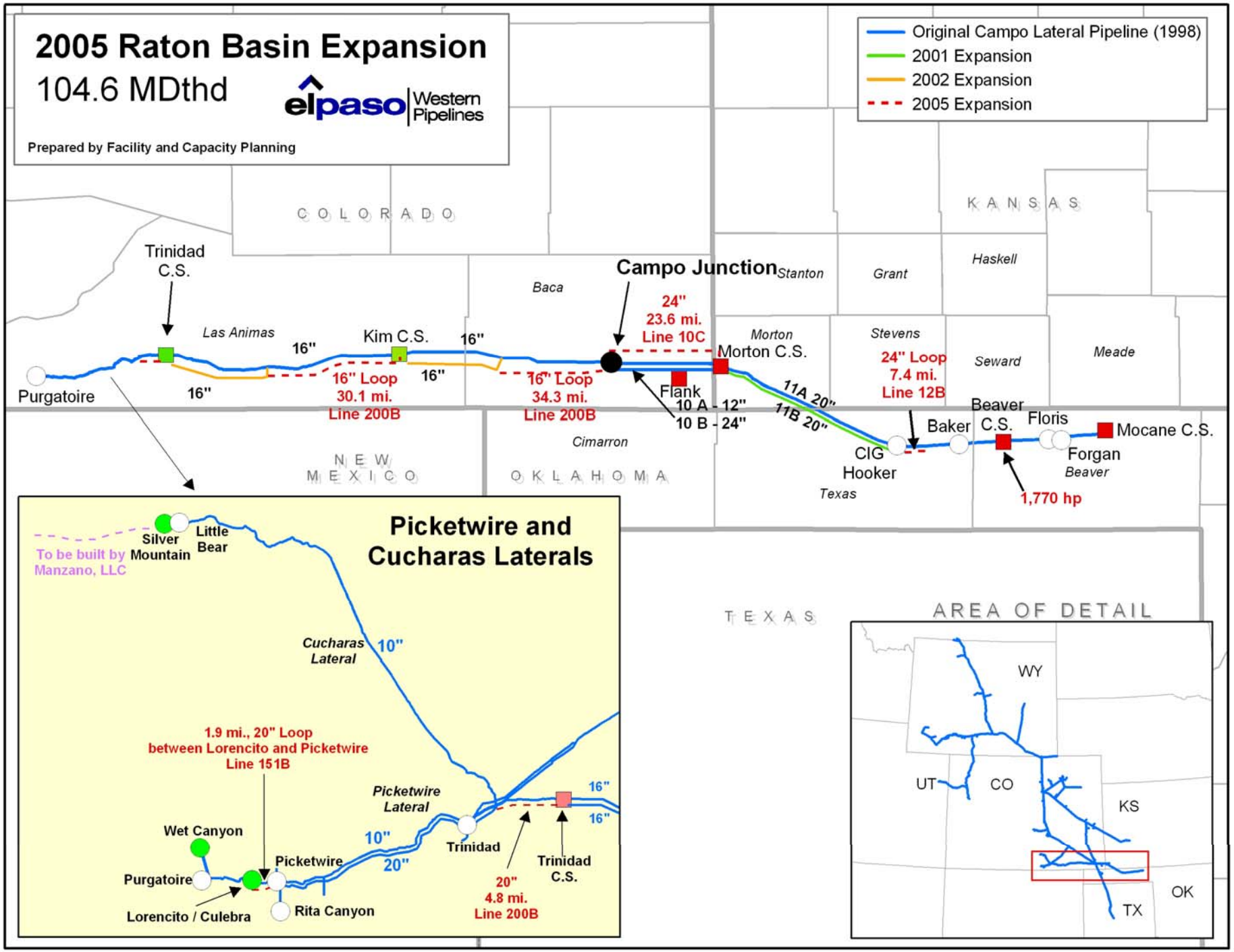
CIG, WIC, and Cheyenne Plains



CIG Raton Expansion


2005 Raton Basin Expansion
104.6 MDthd
elpaso Western Pipelines
Prepared by Facility and Capacity Planning
Original Campo Lateral Pipeline (1998)
2001 Expansion
2002 Expansion
2005 Expansion
COLORADO
KANSAS
NEW MEXICO
OKLAHOMA
TEXAS
Trinidad C.S.
Purgatoire
Las Animas
16"
Kim C.S.
16" Loop
30.1 mi.
Line 200B
Baca
Campo Junction
24"
23.6 mi.
Line 10C
16" Loop
34.3 mi.
Line 200B
Flank
10 A - 12"
10 B - 24"
Morton C.S.
Morton
Stanton
Grant
Haskell
Stevens
Seward
Meade
Cimarron
Texas
11A 20"
11B 20"
24" Loop
7.4 mi.
Line 12B
CIG Hooker
Baker
Beaver C.S.
Floris
Forgan
Beaver
Mocane C.S.
1,770 hp
Picketwire and Cucharas Laterals
Silver Mountain
Little Bear
To be built by Manzano, LLC
Cucharas Lateral
10"
1.9 mi., 20" Loop
between Lorencito and Picketwire
Line 151B
Picketwire Lateral
Wet Canyon
Purgatoire
Lorencito / Culebra
Picketwire
Rita Canyon
20"
Trinidad
Trinidad C.S.
20"
4.8 mi.
Line 200B
AREA OF DETAIL
WY
UT
CO
KS
OK
TX

2005 Raton Expansion
Summary of Work

- 102 miles of pipeline loops
  - 64 miles of 16”
  - 7 miles of 20”
  - 31 miles of 24”
- 1,770 hp added at Beaver, Oklahoma
- Two new receipt point meter stations
  - Silver Mountain Meter Station
  - Culebra Meter Station
- $60.6 million

2005 Raton Expansion
Capacity, Costs, Timetable

- Coal bed methane production, first developed in 1994 with 11 MDth/d of throughput
- 105 MDth/d of incremental capacity
- 381 MDth/d of total Campo Lateral capacity, post expansion
- 8 Raton shippers
- Mid-Continent delivery points off the Morton to Mocane mainline
  - Forgan (NGPL)
  - Beaver (ANR)
- Received and accepted certificate earlier this month; permission to construct granted; in-service October 1, 2005 (est.)

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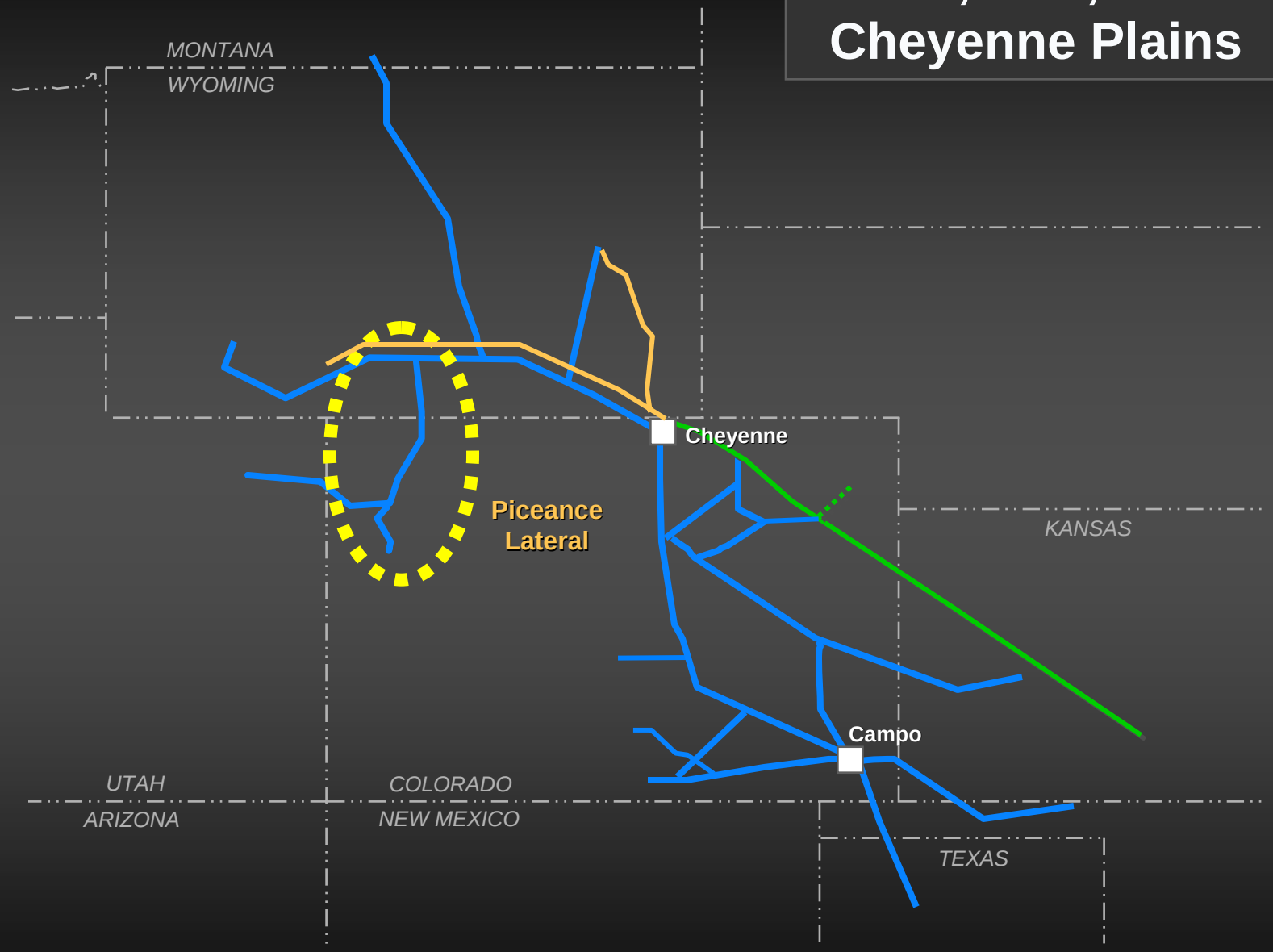
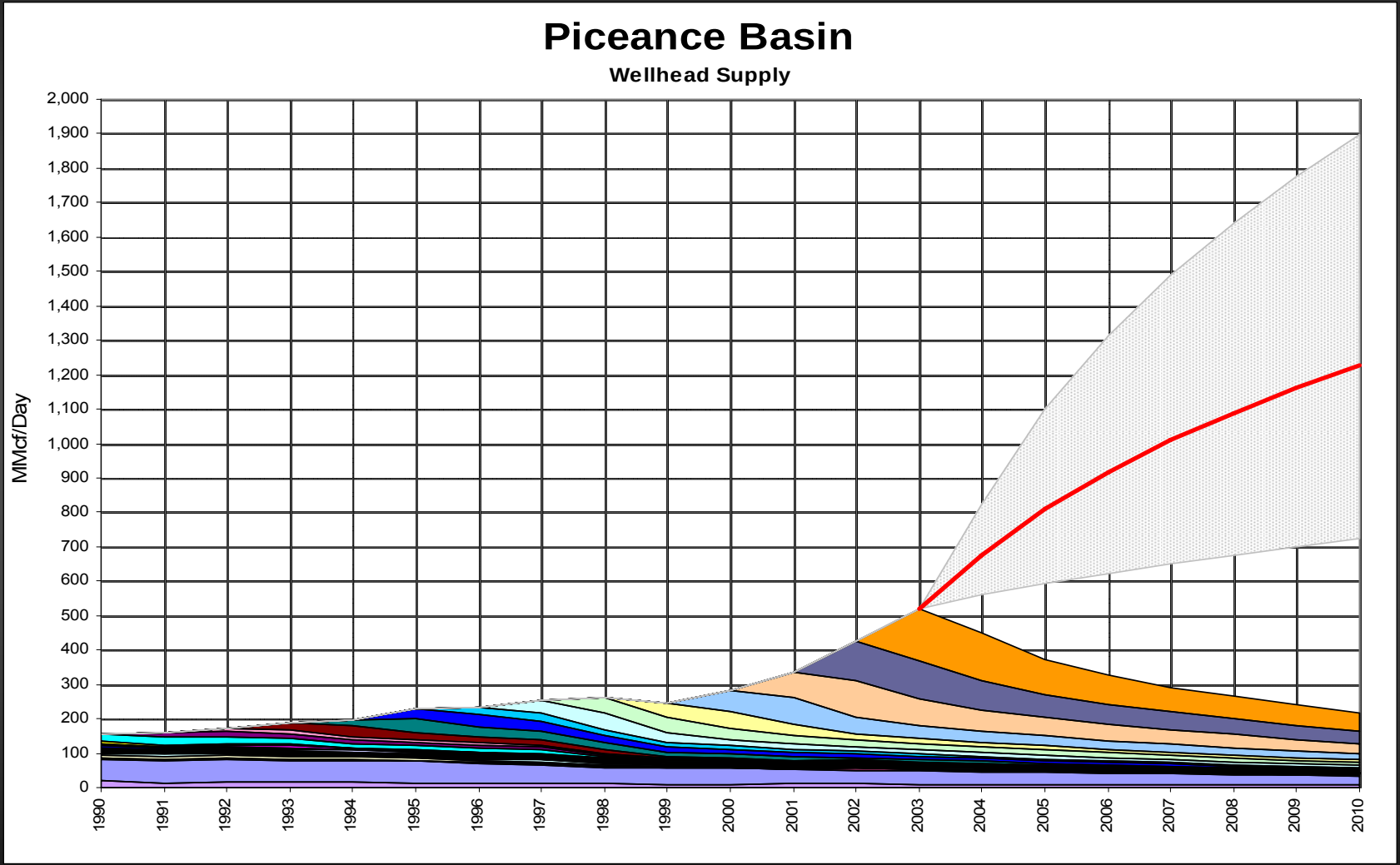
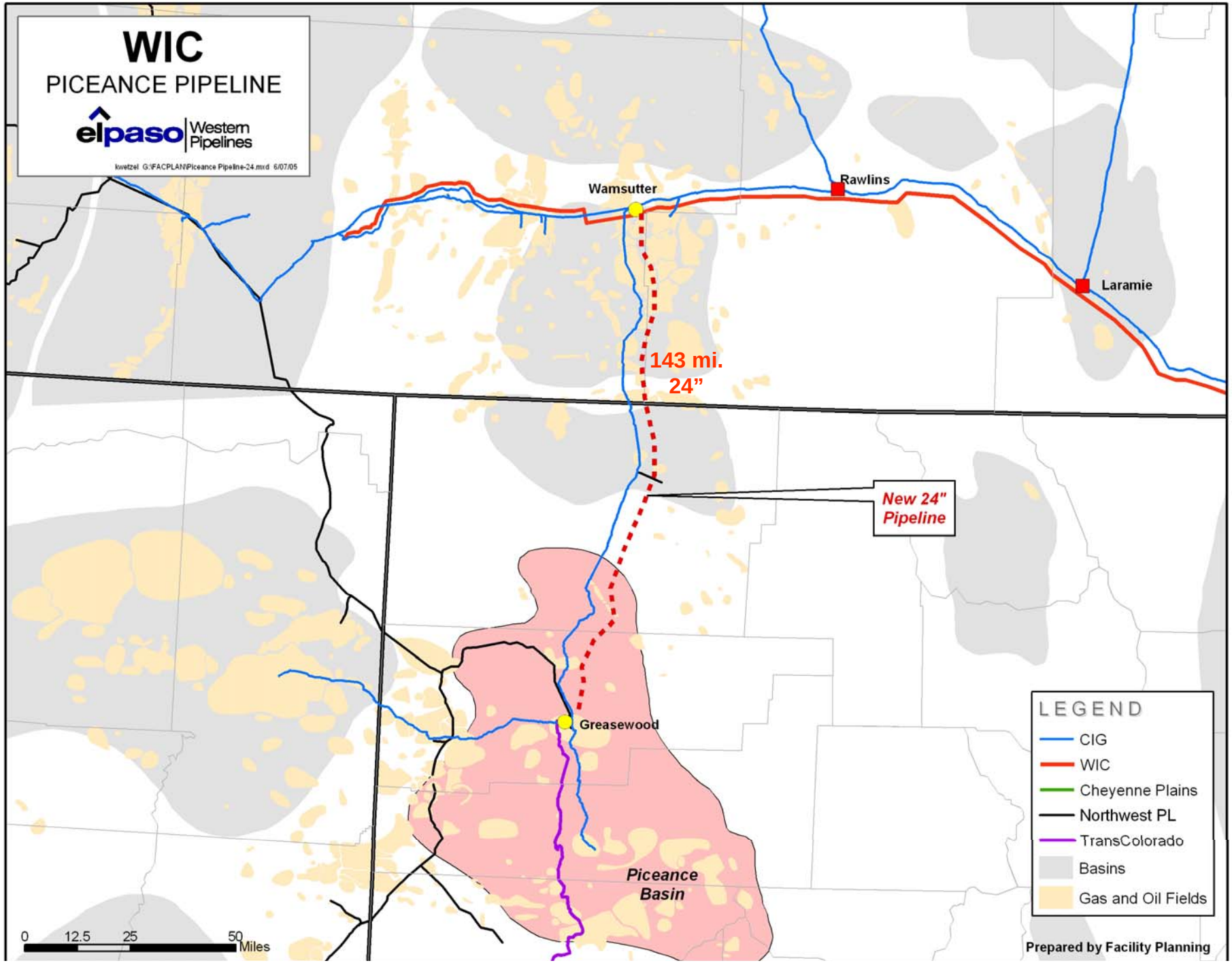
CIG, WIC, and Cheyenne Plains



WIC Piceance Lateral Extension

Piceance Basin




WIC
PICEANCE PIPELINE
elpaso Western Pipelines
kwetzel G:\FACPLAN\Piceance Pipeline-24.mxd 6/07/05
Wamsutter
Rawlins
Laramie
143 mi.
24"
New 24" Pipeline
Greasewood
Piceance Basin
LEGEND
CIG
WIC
Cheyenne Plains
Northwest PL
TransColorado
Basins
Gas and Oil Fields
0 12.5 25 50 Miles
Prepared by Facility Planning

Piceance Pipeline
Facilities and Capacity

- WIC incremental lateral
- 143 miles of 24” pipeline from Greasewood to Wamsutter
- 4,700 hp compression at Greasewood
- Investment of $120.2 MM
- Initial capacity of 350 MDth/d
- Greasewood compression inlet pressure of 1,280 psig / Wamsutter delivery pressure of 1,000 psig
- Expandable with compression to 580 MDth/d
- Interconnects with TransColorado and Williams gathering at Greasewood
- Interconnects with WIC mainline and CIG at Wamsutter
- Inlet Btu spec of 1,050 Btu vs. 950 Btu for WIC mainline

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Piceance Pipeline
Status

- Open season held June 2004
  - Successfully contracted 350 MDth/d
  - Supplemental Open Season for 30” amendment not contracted
- Docket No. CP05-54 filed February 2, 2005
  - Draft EIS issued May 2005
  - Pipe currently being delivered to construction storage sites
  - Final approval anticipated September 2005
  - Construction anticipated to start October 2005
  - Incremental maximum recourse rate requested – 17.3¢
- In-service anticipated January 2006
- Economic expansions with compression to 580 MDth/d
- Tentatively plan to hold an expansion open season in July time frame

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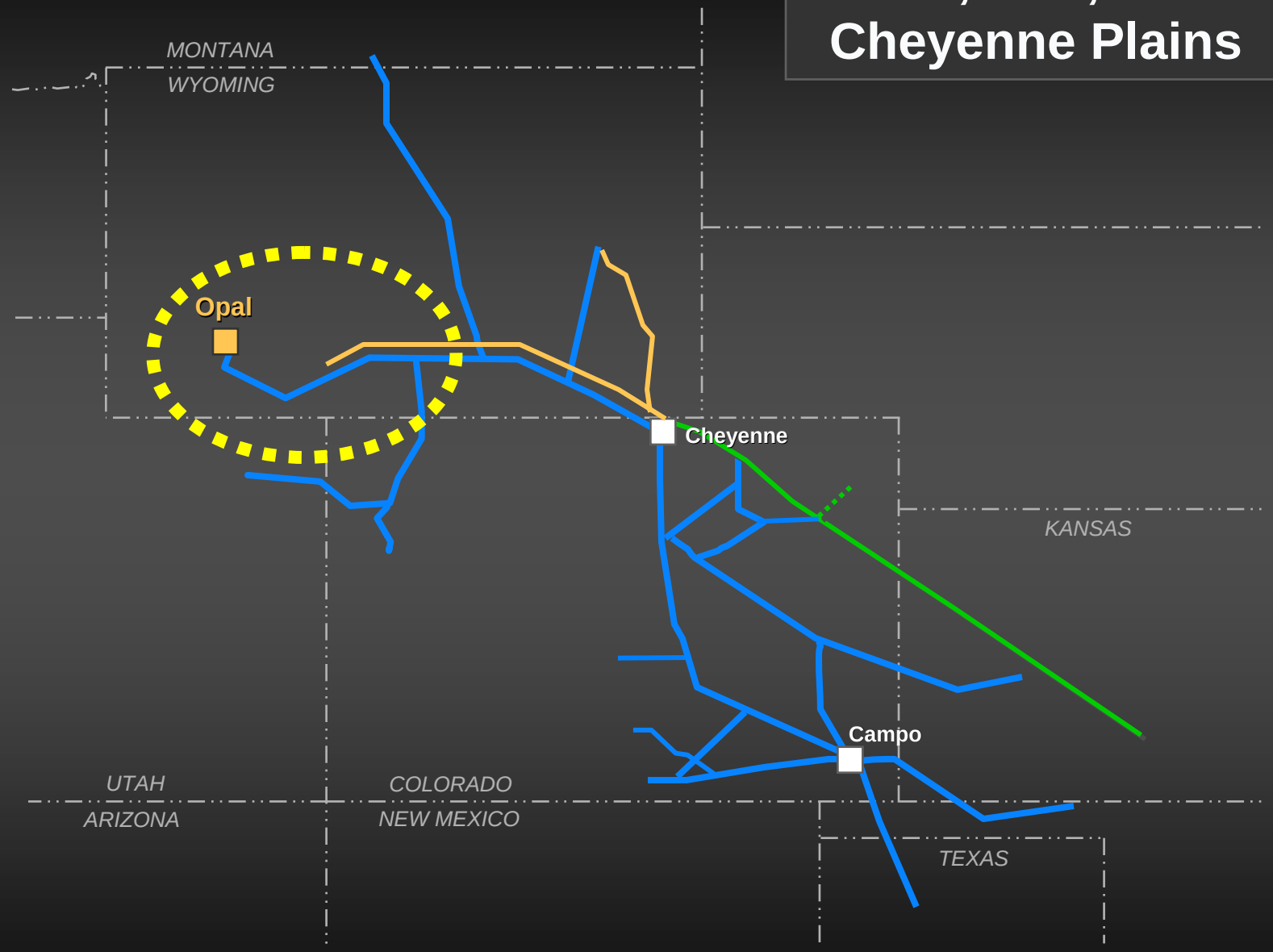
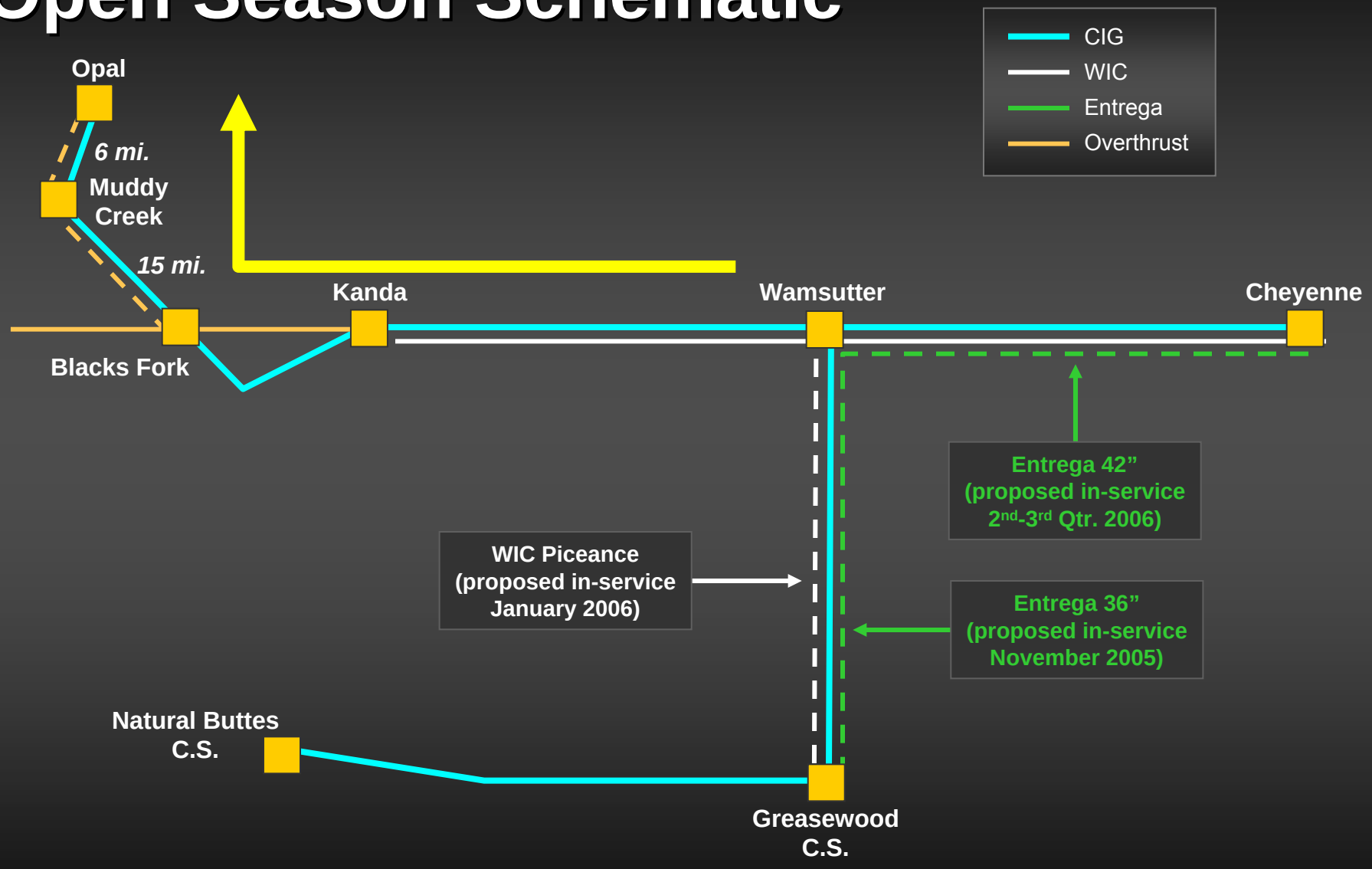
CIG, WIC, and Cheyenne Plains



WIC West to Opal Extension

WIC Opal West Extension
Open Season Schematic



WIC West Flow
Project Summary

- Capacity agreement with Overthrust Pipeline
  - 21 mile Overthrust extension to Opal
  - New west flow capacity on WIC
  - Uses underutilized west flow capacity on Overthrust
- Primary receipt point – Wamsutter or points east as far as Cheyenne
- Primary delivery point – Opal
  - Secondary delivery – Cheyenne
- Prepare to roll into WIC mainline; seamless transaction via WIC
- Anticipated rate of $0.0993 per Dth (100% LF); systemwide FL&U
- Up to 350 MDth/d available, possibly more
- Anticipated in-service early 2007
- Open Season anticipated to begin week of June 27

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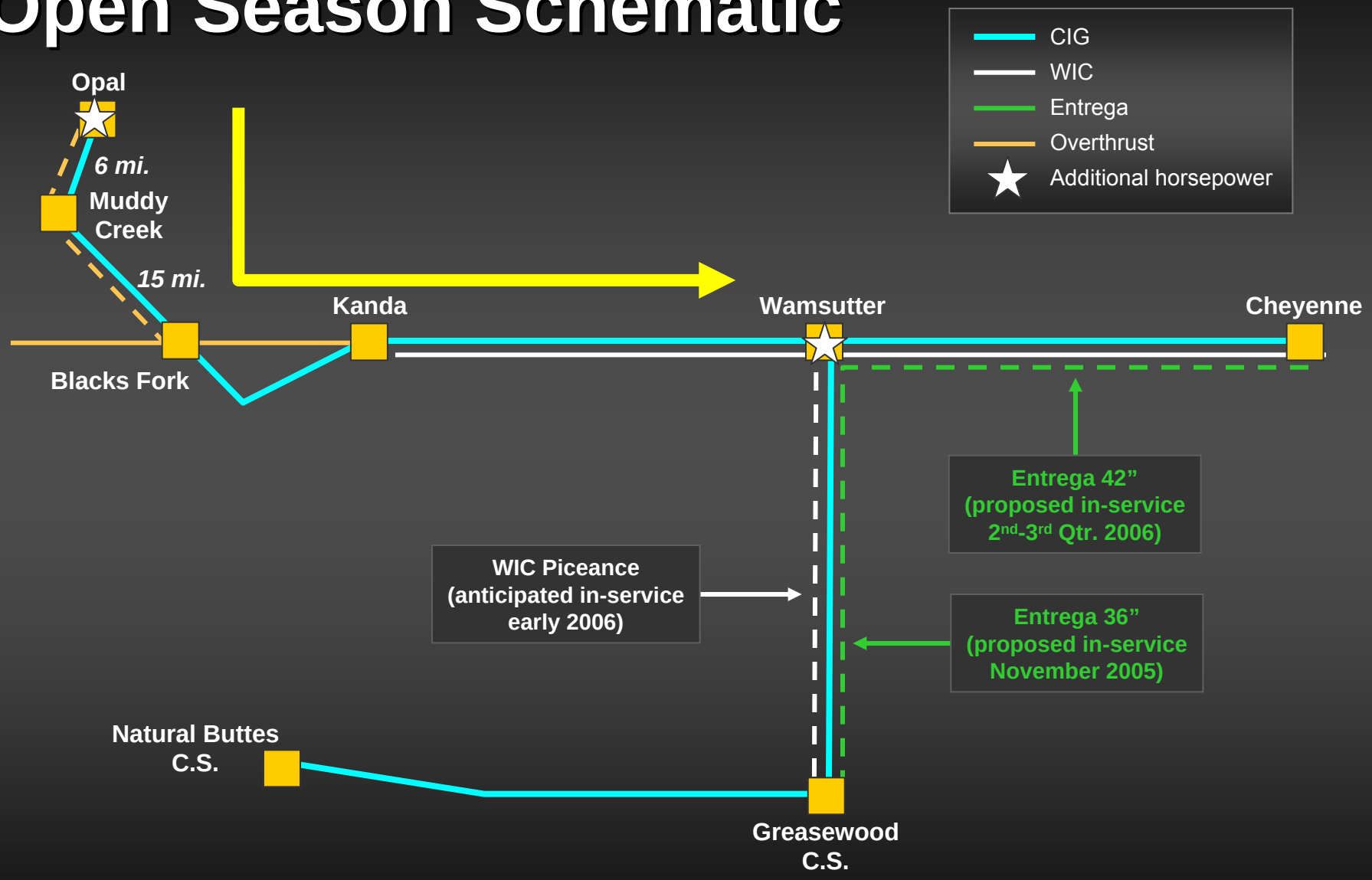
WIC East to Opal Expansion

WIC Opal East Expansion
Open Season Schematic



WIC East Flow
Project Summary

- Capacity agreement with Overthrust Pipeline
  - Incremental horsepower at Opal and Wamsutter
  - Pressure must be increased to 1,000 psig at Wamsutter
- Primary receipt point – Opal
- Primary delivery point – Wamsutter (potential for primary to Cheyenne at additional rate)
  - Secondary delivery – Cheyenne
- Propose to roll into WIC mainline; seamless transaction via WIC
- Anticipated rate of $0.0993 per Dth (100% LF); systemwide FL&U
- 350-500 MDth/d available
- Anticipated in-service early 2007
- Open Season anticipated to begin late summer / early fall

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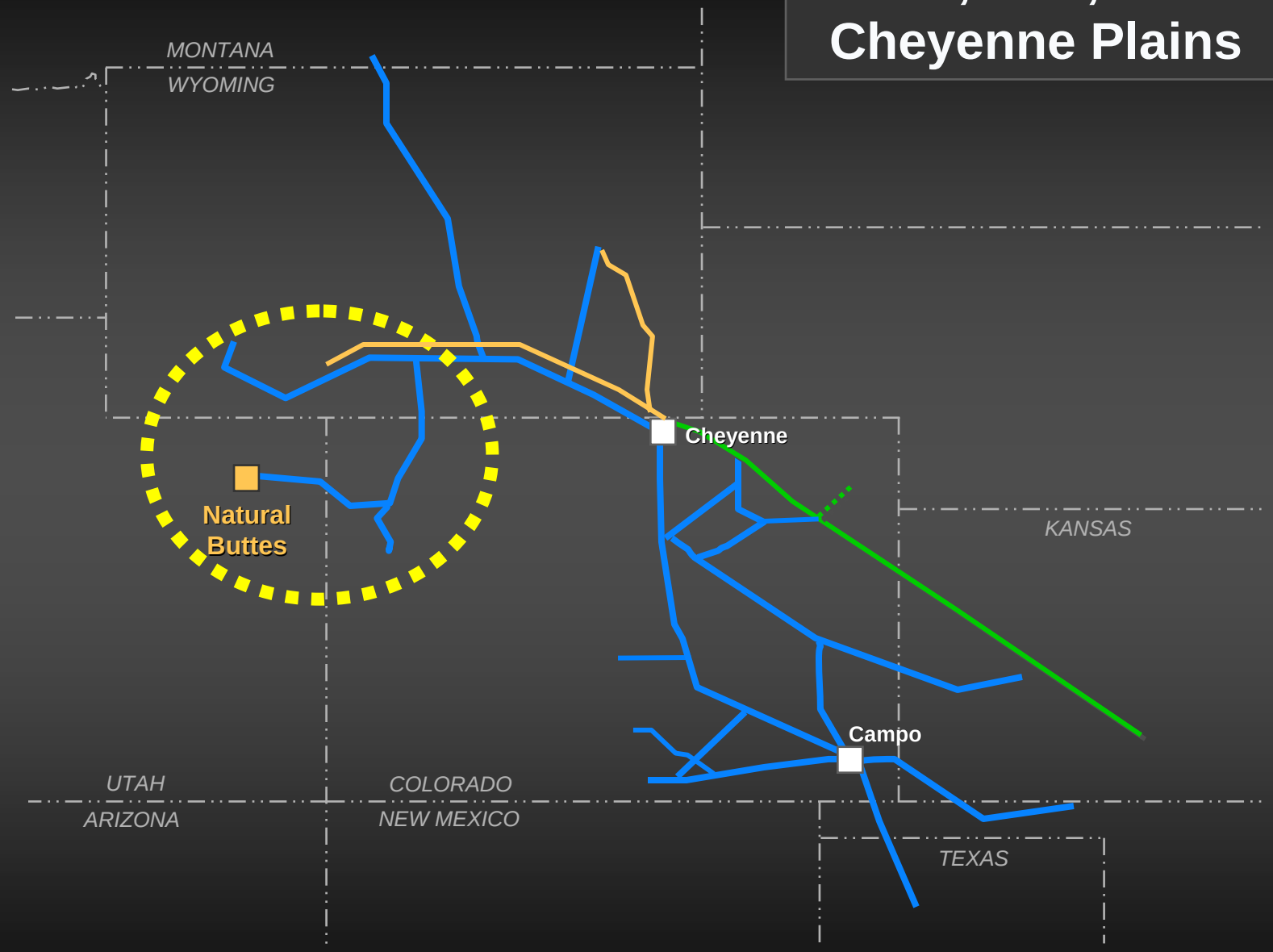
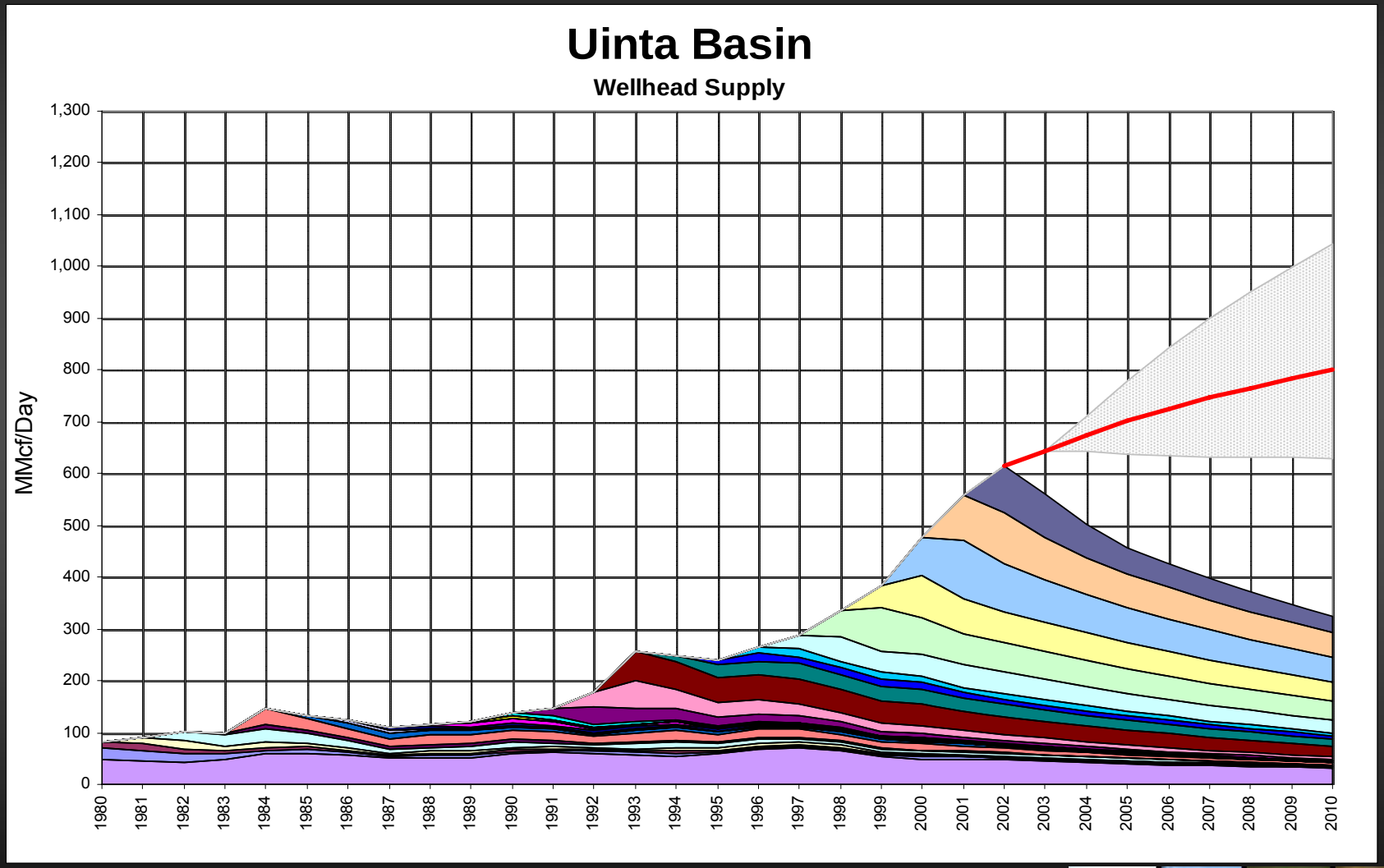
CIG, WIC, and Cheyenne Plains

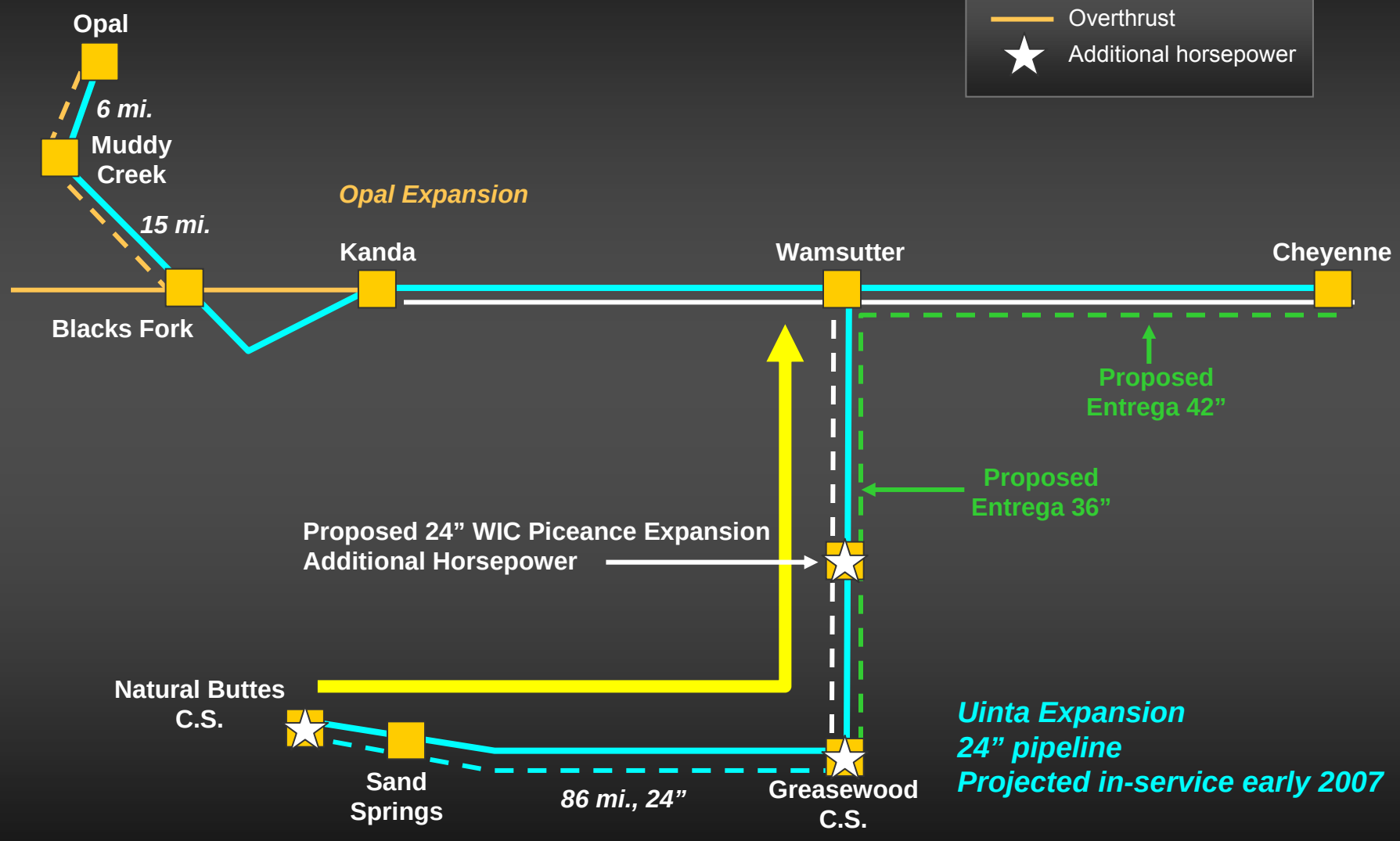


CIG Natural Buttes to Wamsutter

Uinta Basin – Total



CIG Uinta Extension
Open Season Schematic



Existing Facilities

- CIG's existing Uinta Lateral
  - Natural Buttes to Wamsutter capacity of 200 MDth/d
  - Fully contracted forward haul
- 221 miles of 20" pipe
- CIG processes and compresses at Natural Buttes
- Secondary point of delivery to Northwest at Sand Springs with Northwest

Project Summary

- Project to be pursued as CIG roll-in
- 86 miles of 24” pipeline from Natural Buttes to Greasewood and 7,000 hp at Natural Buttes
- Additional compression at Greasewood and midpoint WIC Piceance Lateral
- No incremental processing at Natural Buttes by CIG
  - New receipt lateral point requirements of 1,000 psig, minimum 1,050 Btu and 15° F. hydrocarbon dewpoint
- 230 MDth/d capacity

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Project Description

- Open Season anticipated in August 2005
- Anticipated CIG rate of $0.33¢ (max rate) and systemwide FL&U
  - Primary point of delivery at Wamsutter to WIC and proposed west to east Entrega line
  - Secondary points of delivery at Green River / Opal, Cheyenne Plains, Front Range, and Mid-Continent pipelines

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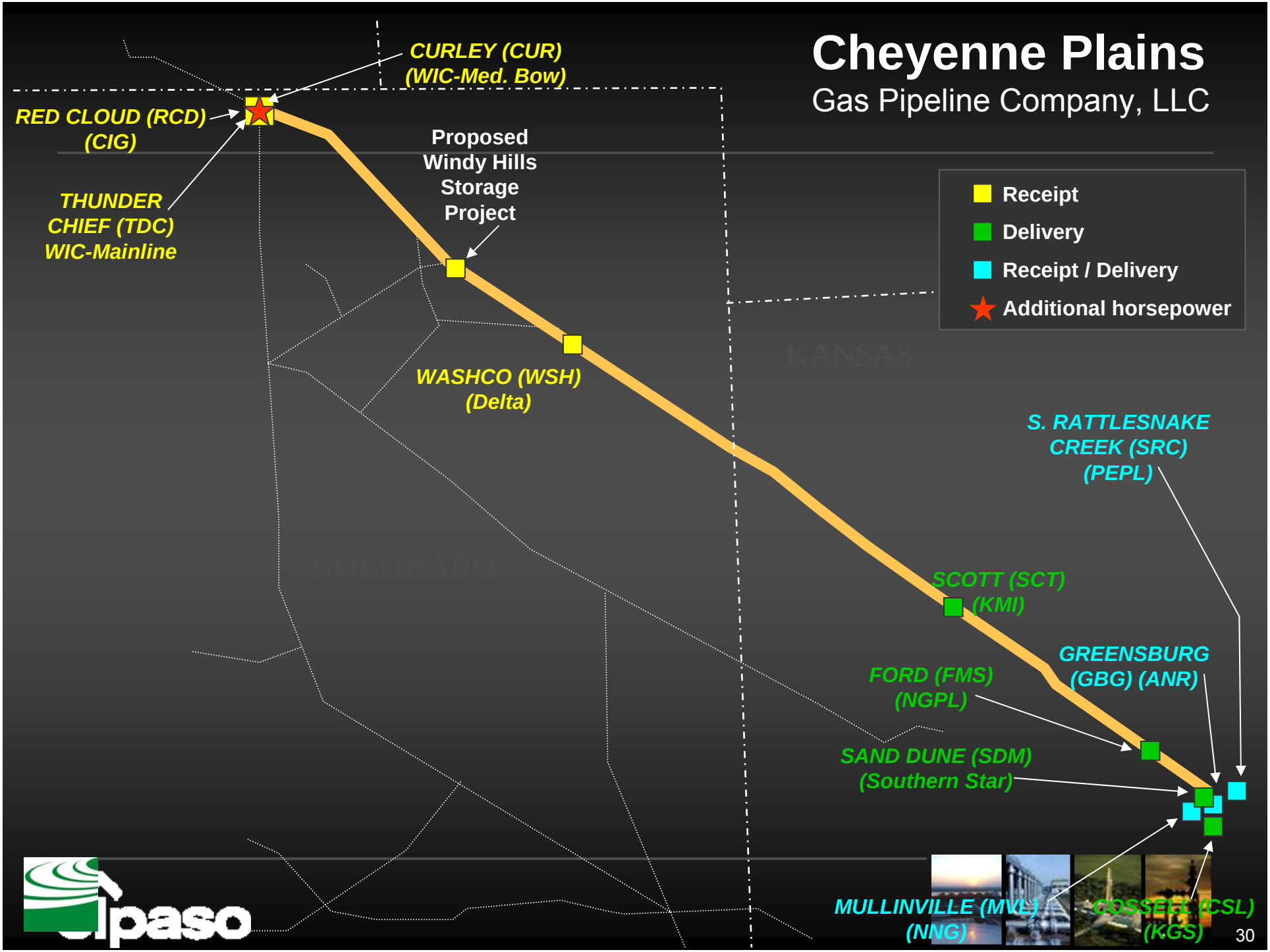
Cheyenne Plains Expansion

Cheyenne Plains

Gas Pipeline Company, LLC



Cheyenne Plains Expansion
Facilities and Capacity

- Incremental 170 MDth/d of capacity
  - Brings total CP capacity to 730 MDth/d
- Incremental horsepower at Cheyenne
- New CO_2 processing at Sand Dunes (into Southern Star)
  - Brings CO_2 from 2% down to 1%
- Received FERC approval to construct in September 2004
- Construction started in early June on processing plant
- Anticipated in-service date of January 2007

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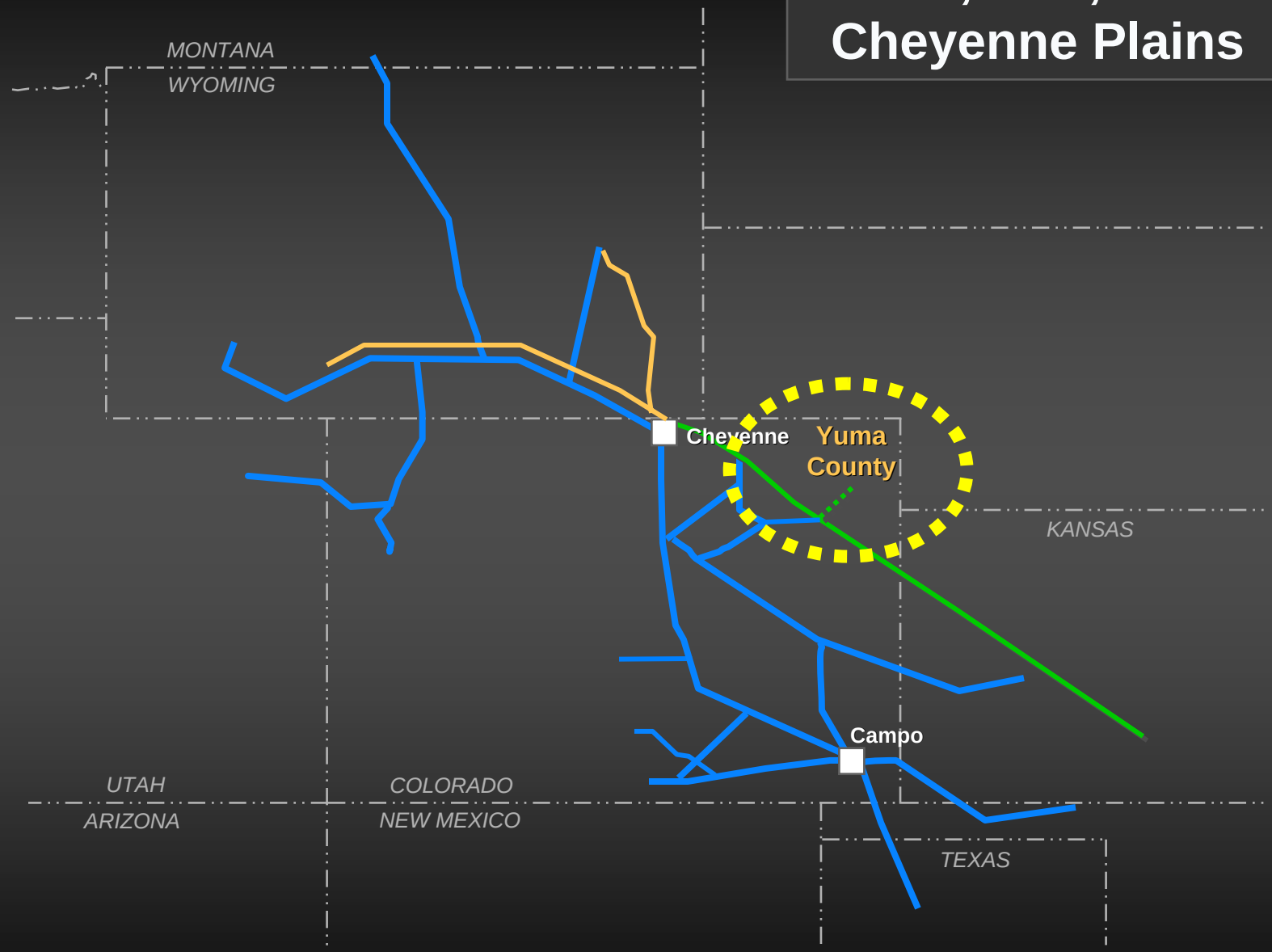
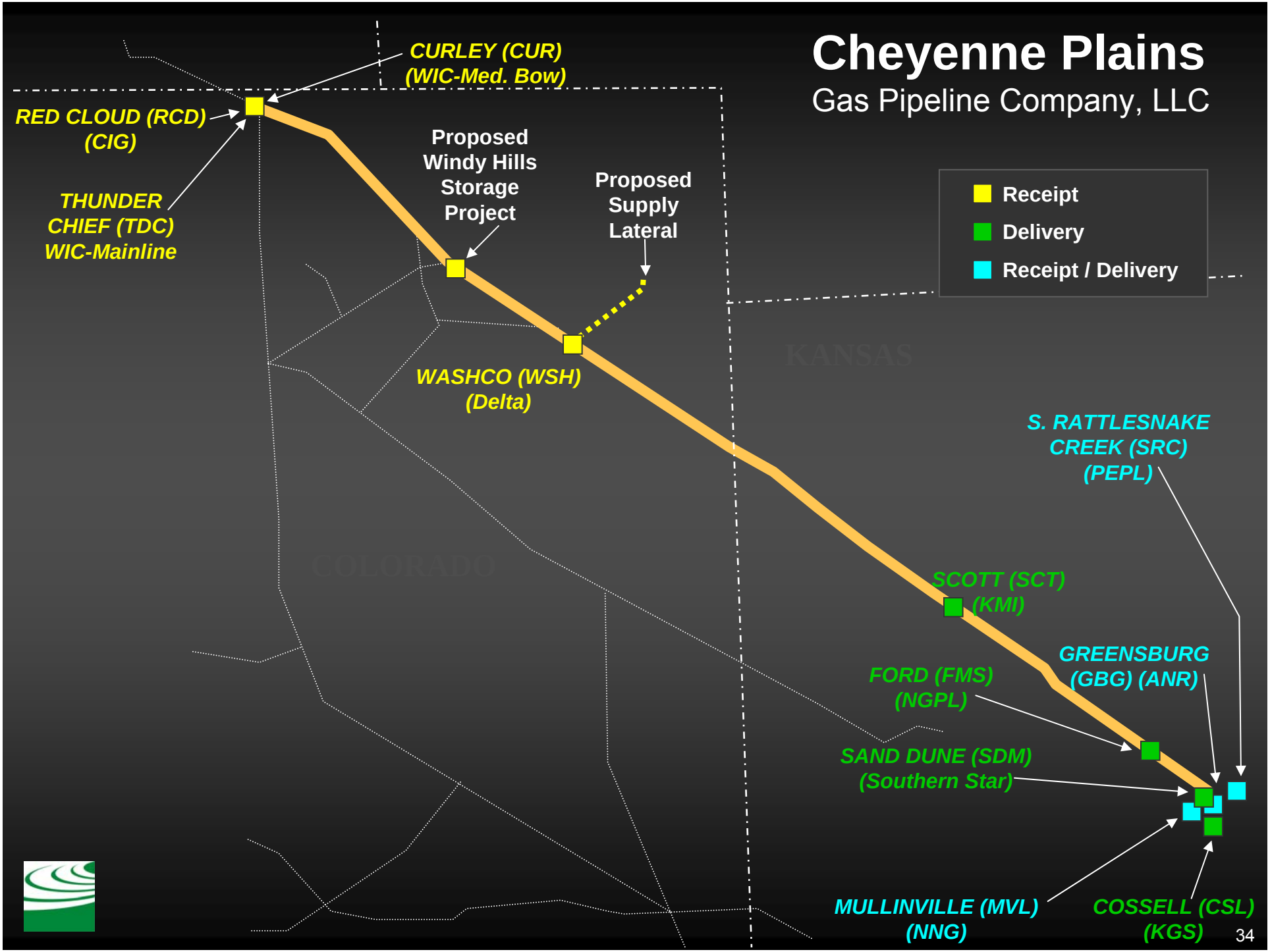
Cheyenne Plains Yuma County Supply Lateral

CIG, WIC, and Cheyenne Plains



Cheyenne Plains

Gas Pipeline Company, LLC



Cheyenne Plains Supply Lateral

Yuma County, Colorado

- Cheyenne Plains lateral to Niobrara Field
- Approximately 30 miles of 10-inch pipe, 1,480 MAOP
- Initial capacity 20,000 Dth/d; maximum capacity 50,000 Dth/d with mainline compression
- Late fall 2006 in-service
- Lateral to be rolled-in with mainline service
- Receipt point flexibility for existing shipper to access new source of gas
- Interconnect with Bitter Creek Gathering and Yuma Gathering systems

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Craig Coombs
Director, Project Development

Project Update

Colorado Interstate Gas
an El Paso company