

Figure 7
Dissolved Methane
in Groundwater
November 2007
CIG Fort Morgan
Gas Storage Field

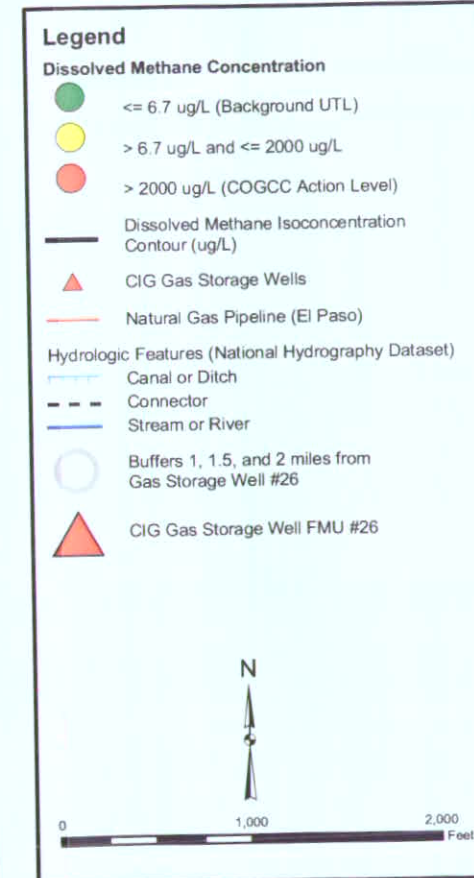
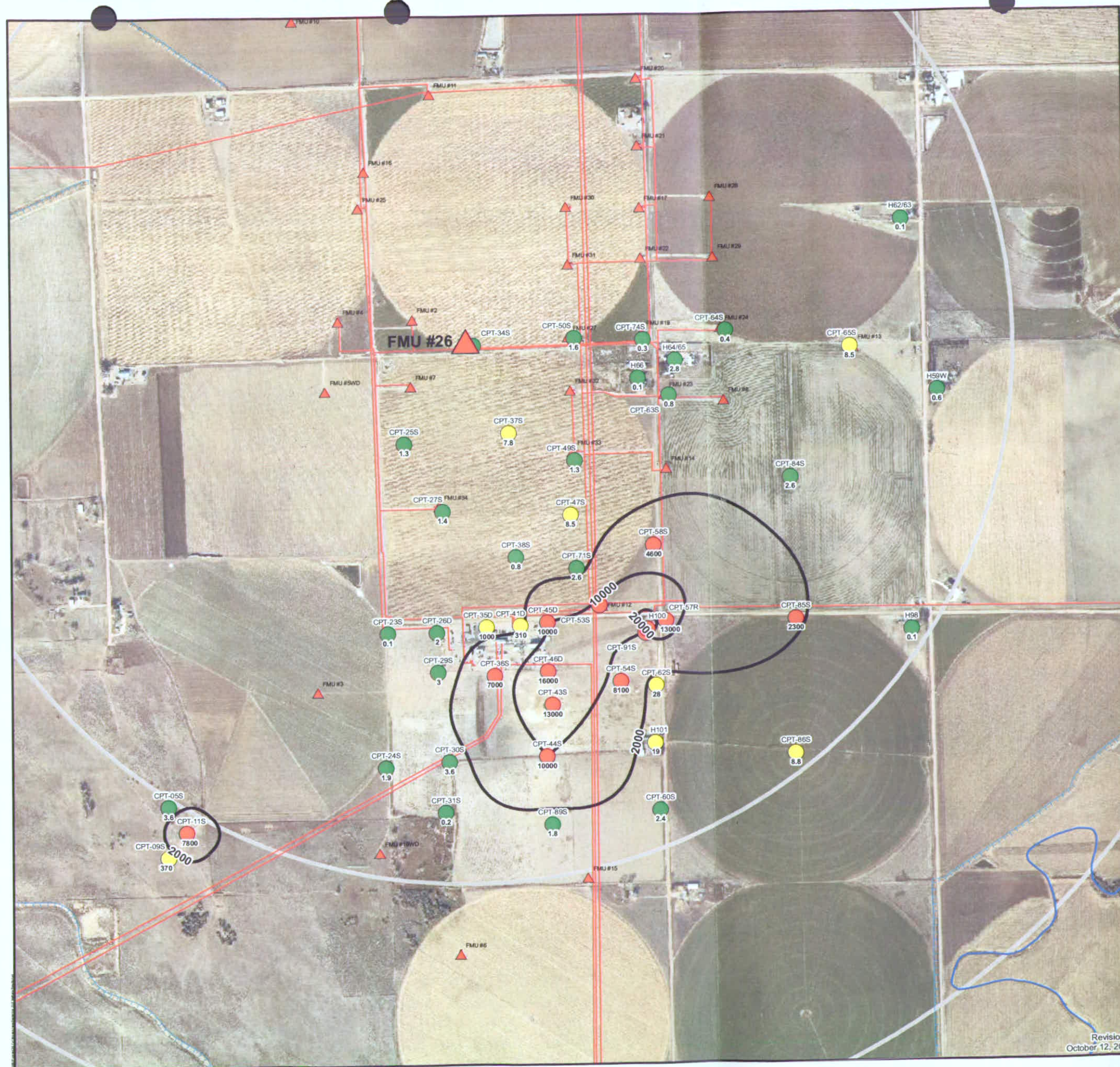
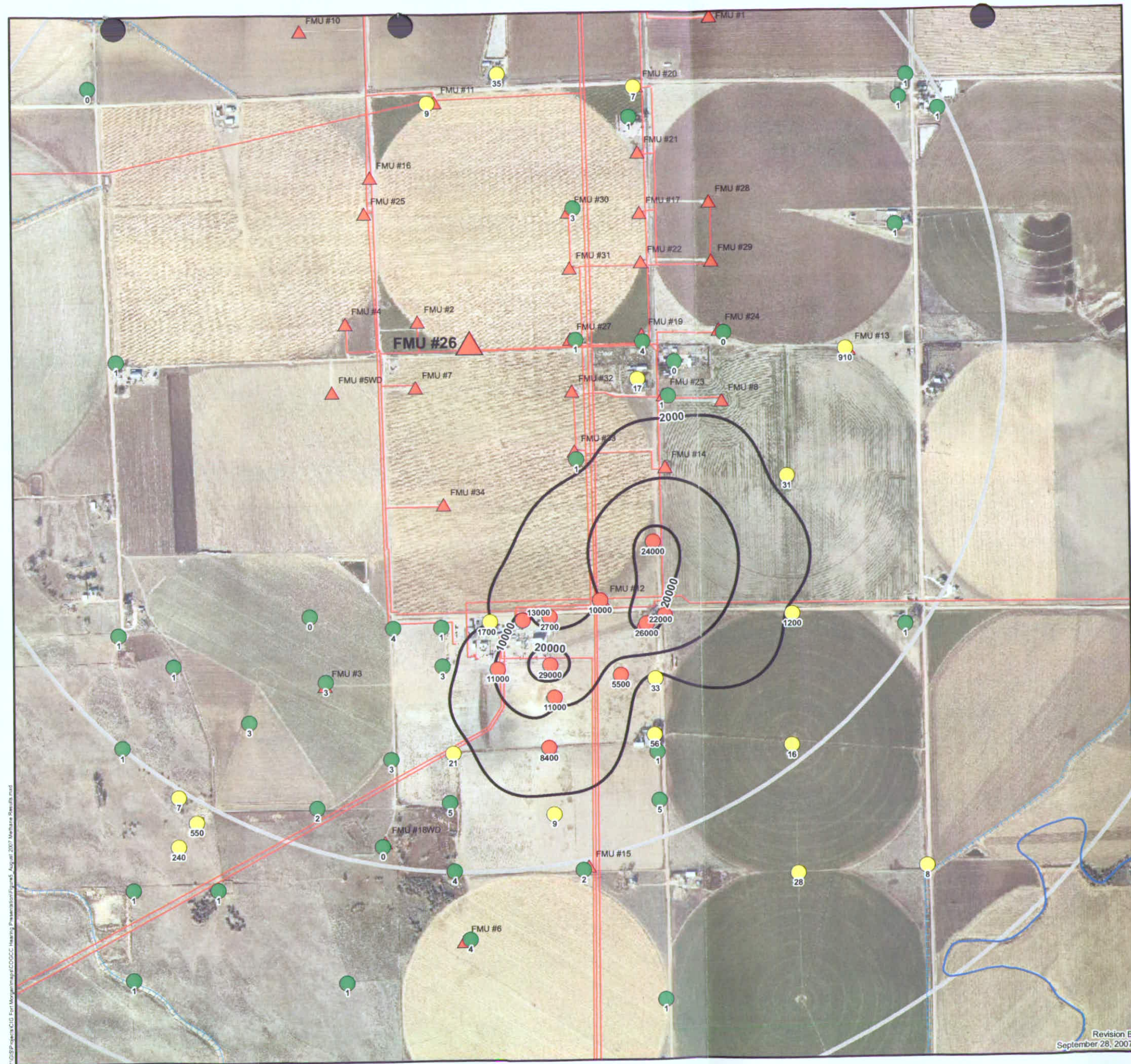


Figure 6
Dissolved Methane
in Groundwater
September 2007
CIG Fort Morgan
Gas Storage Field



Legend

Dissolved Methane Concentration

- ≤ 6.7 ug/L (Background UTL)
- > 6.7 ug/L and ≤ 2000 ug/L
- > 2000 ug/L (COGCC Action Level)

— Dissolved Methane Isoconcentration Contour (ug/L)

▲ CIG Gas Storage Wells

— Natural Gas Pipeline (El Paso)

Hydrologic Features (National Hydrography Dataset)

— Canal or Ditch

--- Connector

— Stream or River

○ Buffers 1, 1.5, and 2 miles from Gas Storage Well #26

▲ CIG Gas Storage Well FMU #26

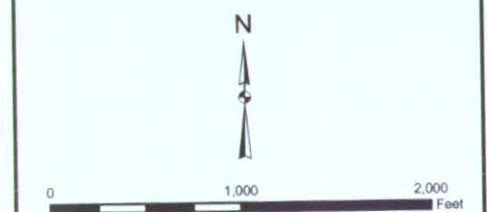


Figure 5
Dissolved Methane
in Groundwater
August 2007
CIG Fort Morgan
Gas Storage Field

URS

Revision B
September 28, 2007

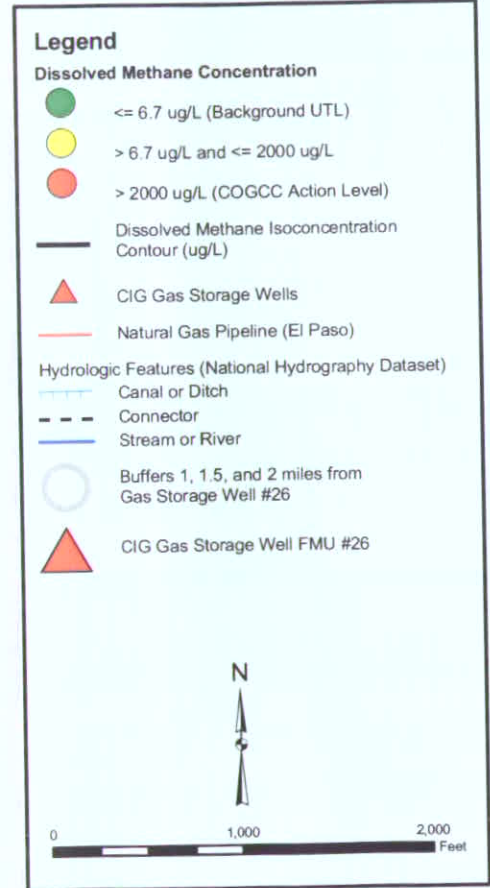
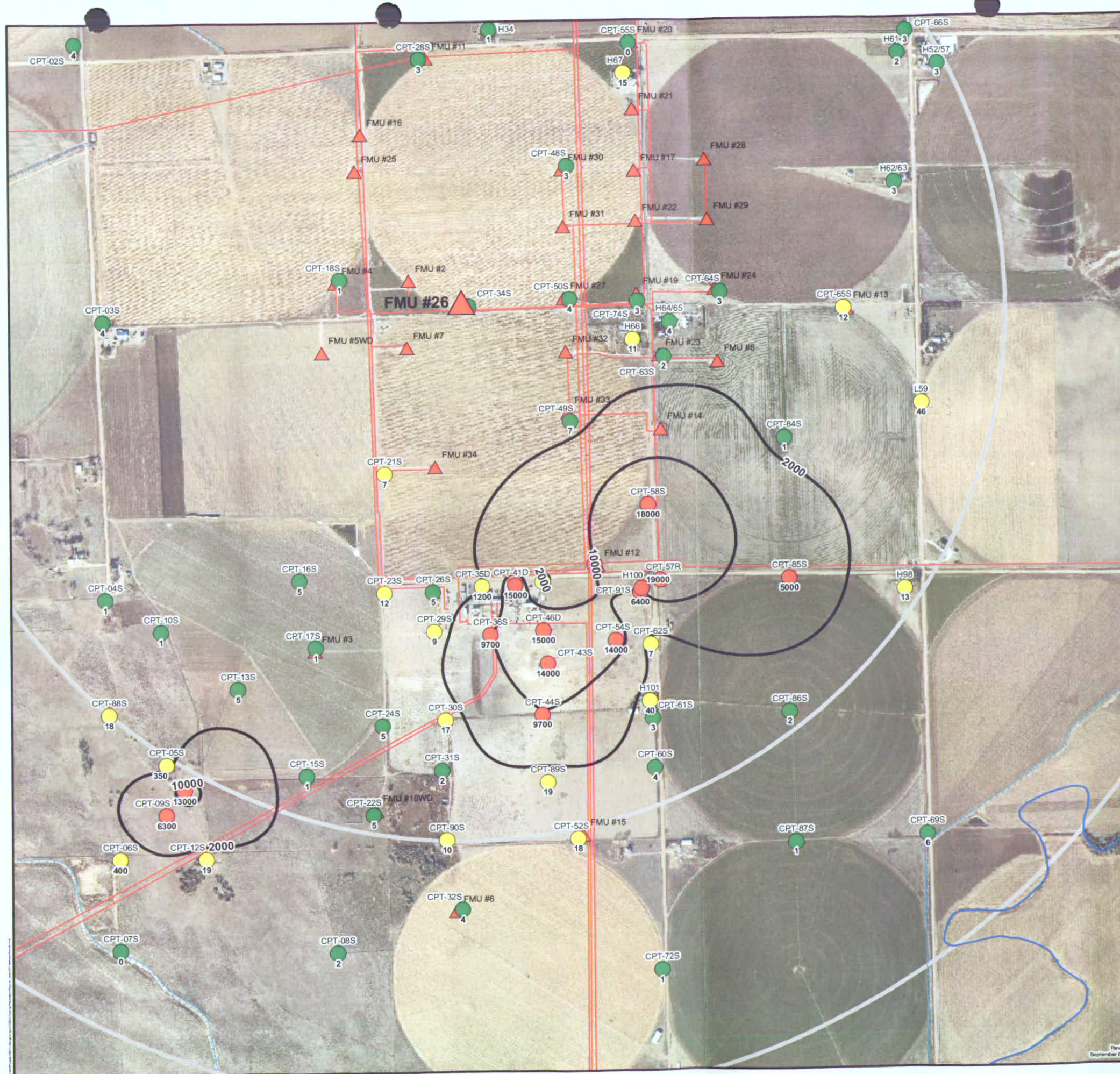


Figure 4
Dissolved Methane
in Groundwater
June 2007
CIG Fort Morgan
Gas Storage Field

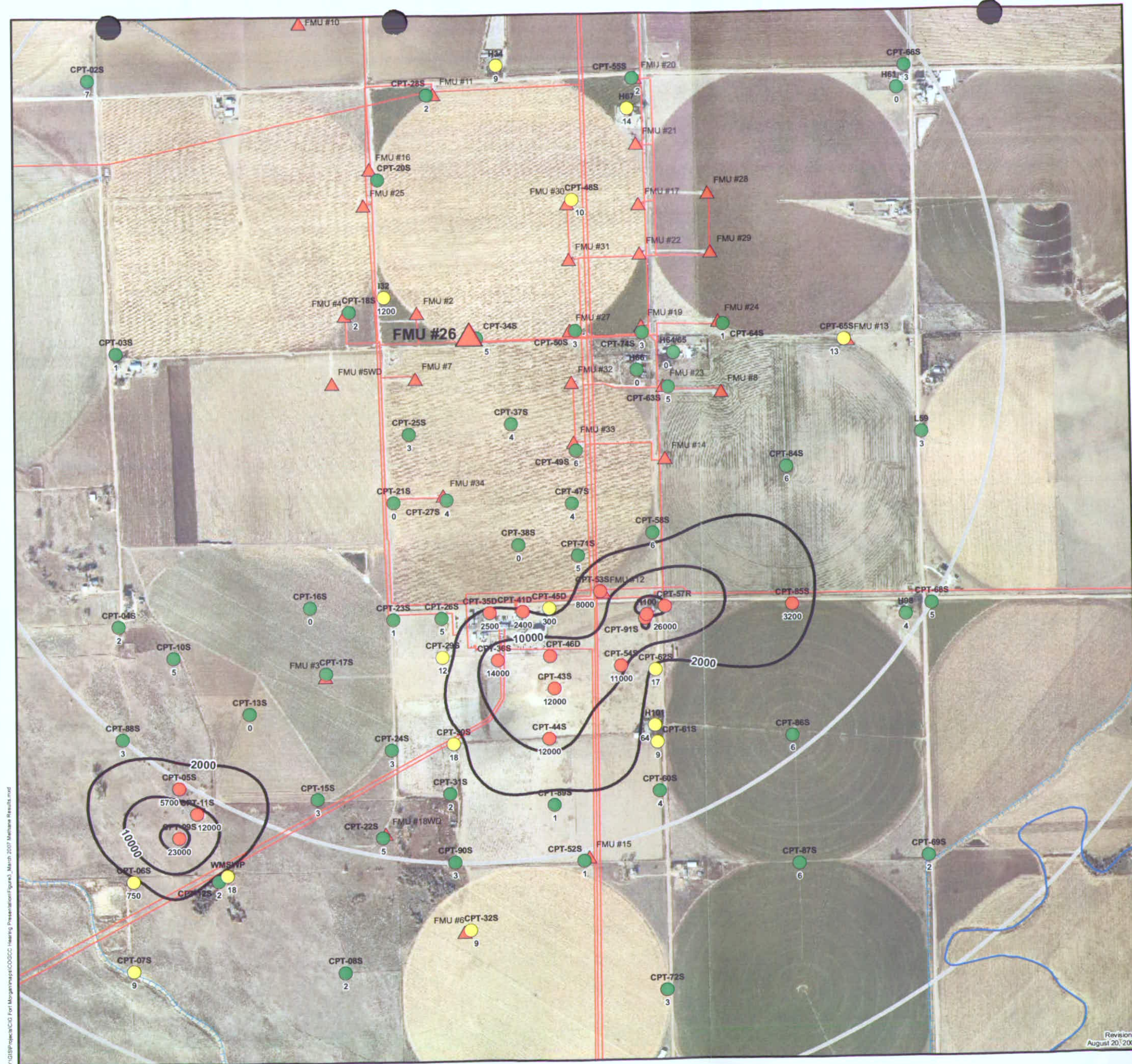
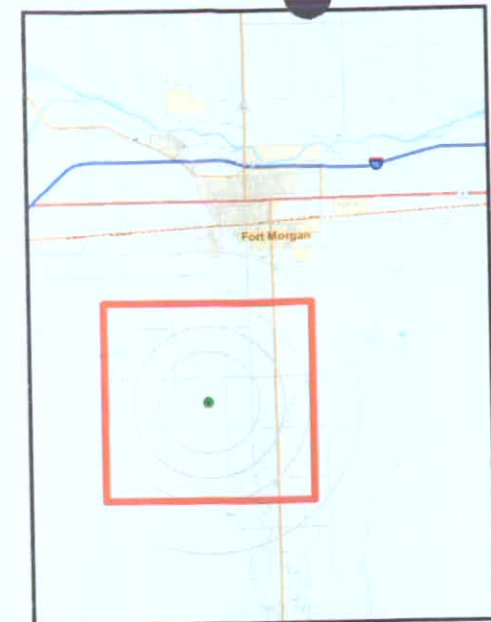
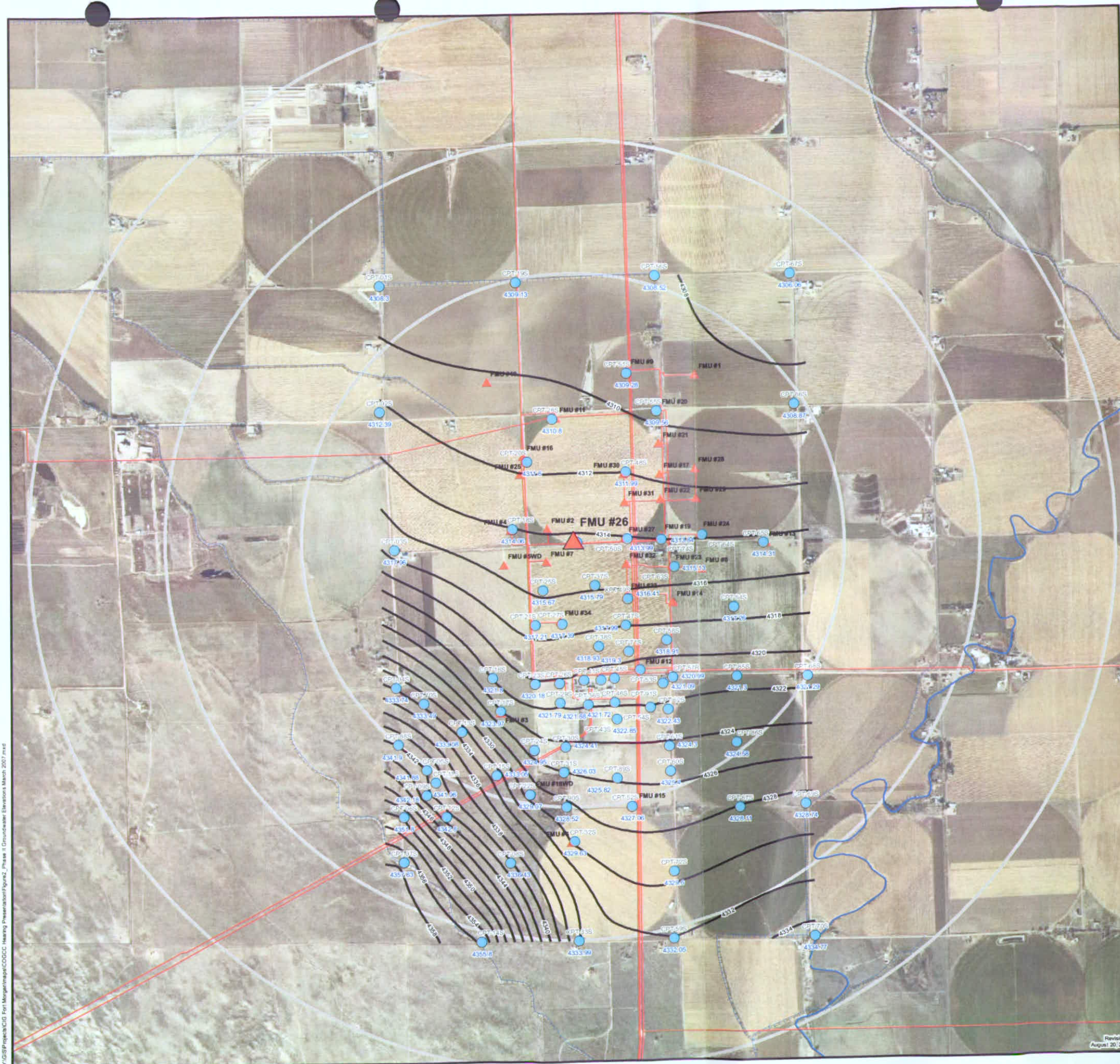


Figure 3
Dissolved Methane
in Groundwater
March 2007
CIG Fort Morgan
Gas Storage Field

URS

Revision B
 August 20, 2007

Y:\GIS\Projects\GIS Fort Morgan\Map\CDG\CDG Hearing Presentation\Figure2_Phase 1 Groundwater Elevations March 2007.mxd



Legend

- Potentiometric Contours (ft msl)
- Piezometer and Groundwater Elevation (ft msl)
- CIG Gas Storage Well
- Natural Gas Pipeline (El Paso)
- Hydrologic Features (National Hydrography Dataset)
 - Canal or Ditch
 - Connector
 - Stream or River
- Buffers 1, 1.5, and 2 miles from Gas Storage Well #26
- CIG Gas Storage Well FMU #26

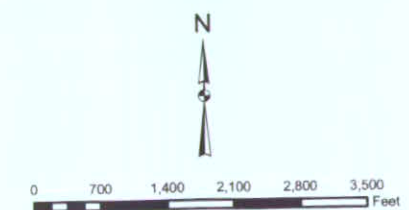
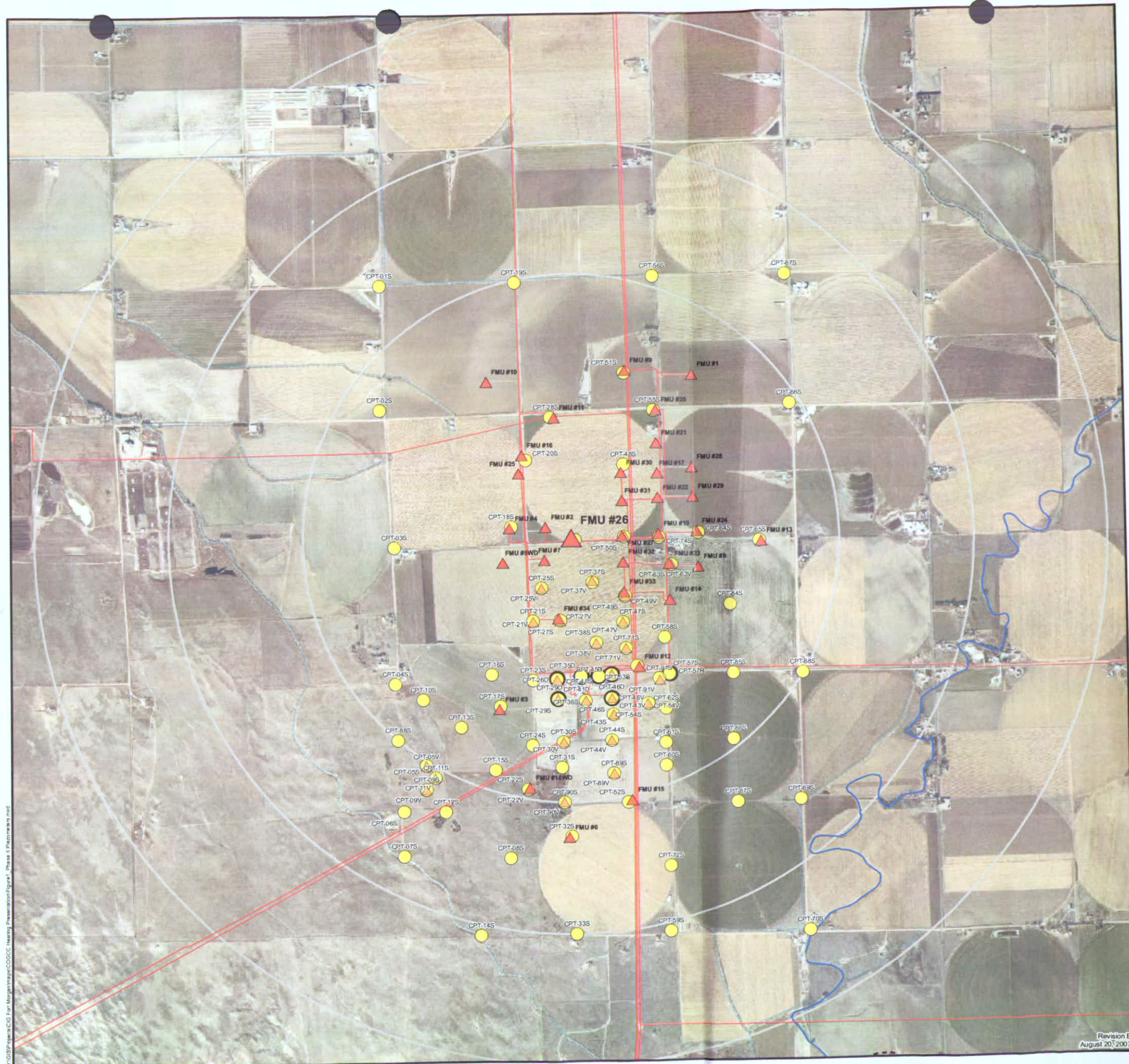


Figure 2
Groundwater Elevations
in Alluvial Aquifer
March 2007
CIG Fort Morgan
Gas Storage Field

URS

Revision B
August 20, 2007



Y:\GIS\Projects\CIG Fort Morgan\Map\COGCC Hearing Presentation\Figures1 Phase II Piezometers.mxd



Legend

Piezometers and Soil Vapor Monitoring Probes

- Soil Vapor Monitoring Probe
- Shallow Piezometer
- Deep Piezometer

- ▲ CIG Gas Storage Well
- Natural Gas Pipeline (El Paso)

Hydrologic Features (National Hydrography Dataset)

- Canal or Ditch
- Connector
- Stream or River

- Buffers 1, 1.5, and 2 miles from Gas Storage Well #26

- ▲ CIG Gas Storage Well FMU #26

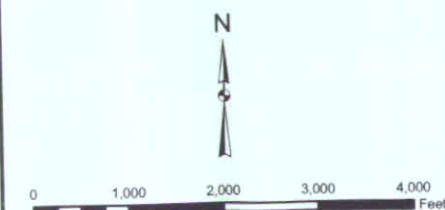


Figure 1
Piezometer and Soil Vapor
Monitoring Probe Locations
CIG Fort Morgan
Gas Storage Field

URS

Revision B
 August 20, 2007

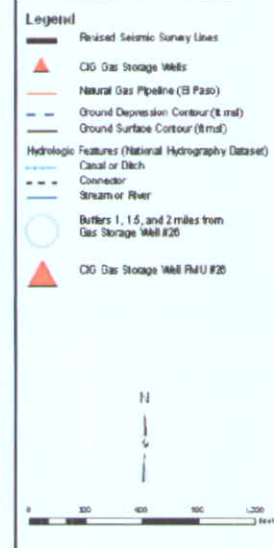
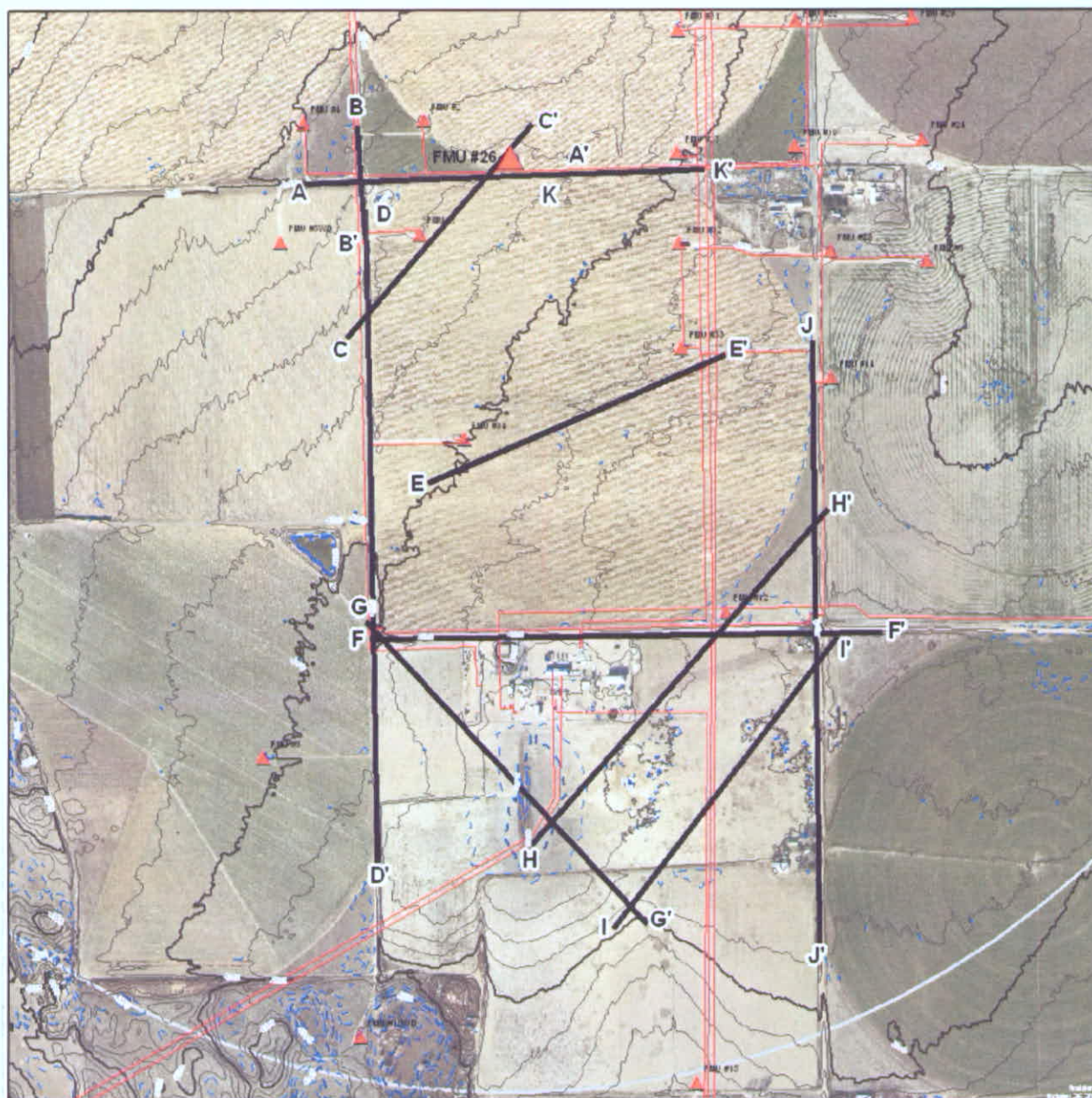


Figure 8
Seismic Line Locations
Phase II Seismic Study
CIG Fort Morgan
Gas Storage Field

URS

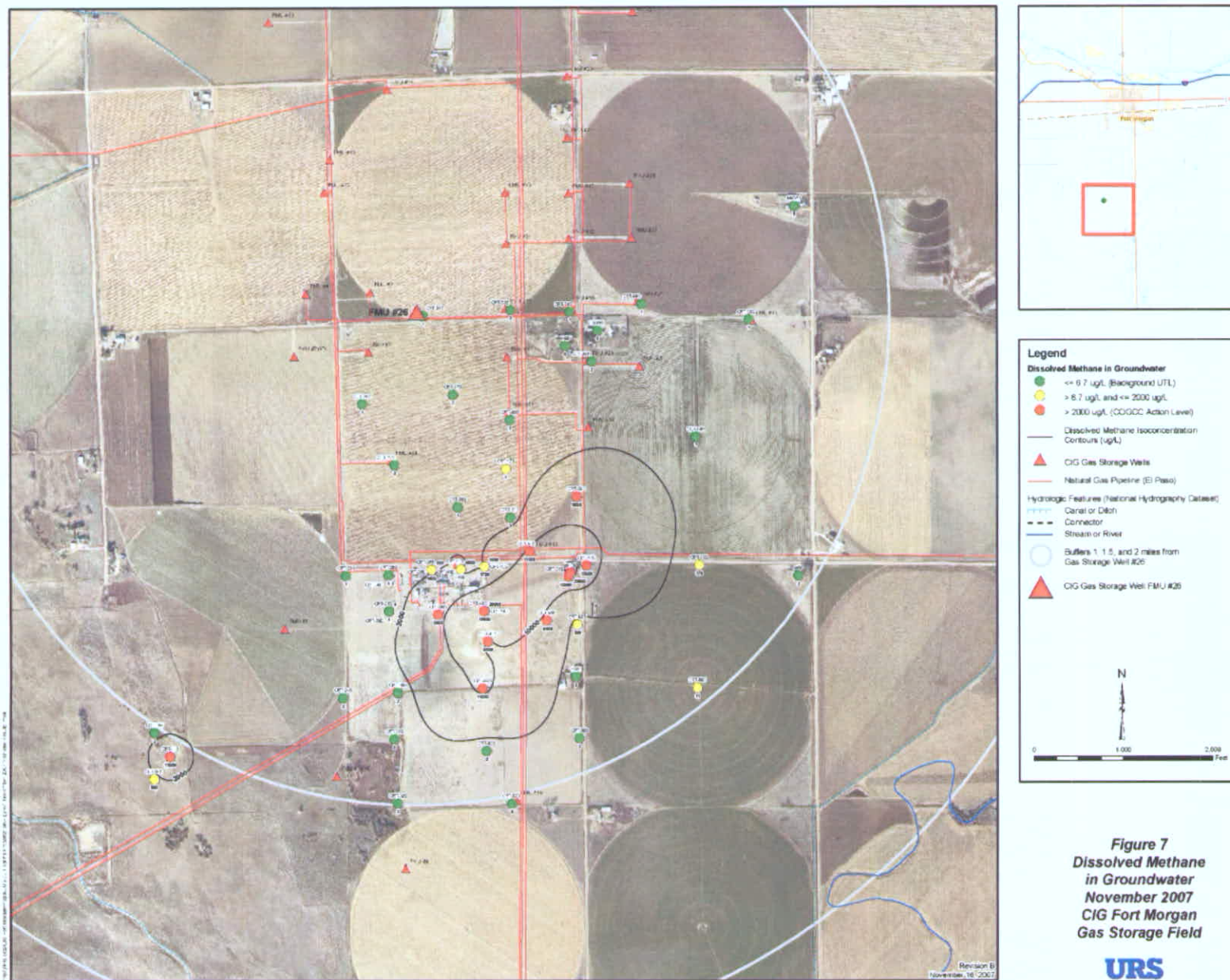


Figure 7
Dissolved Methane
in Groundwater
November 2007
CIG Fort Morgan
Gas Storage Field

URS

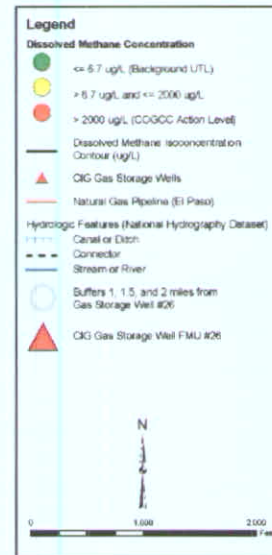


Figure 6
Dissolved Methane
in Groundwater
September 2007
CIG Fort Morgan
Gas Storage Field

URS

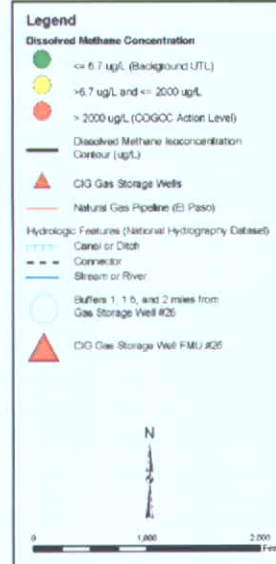
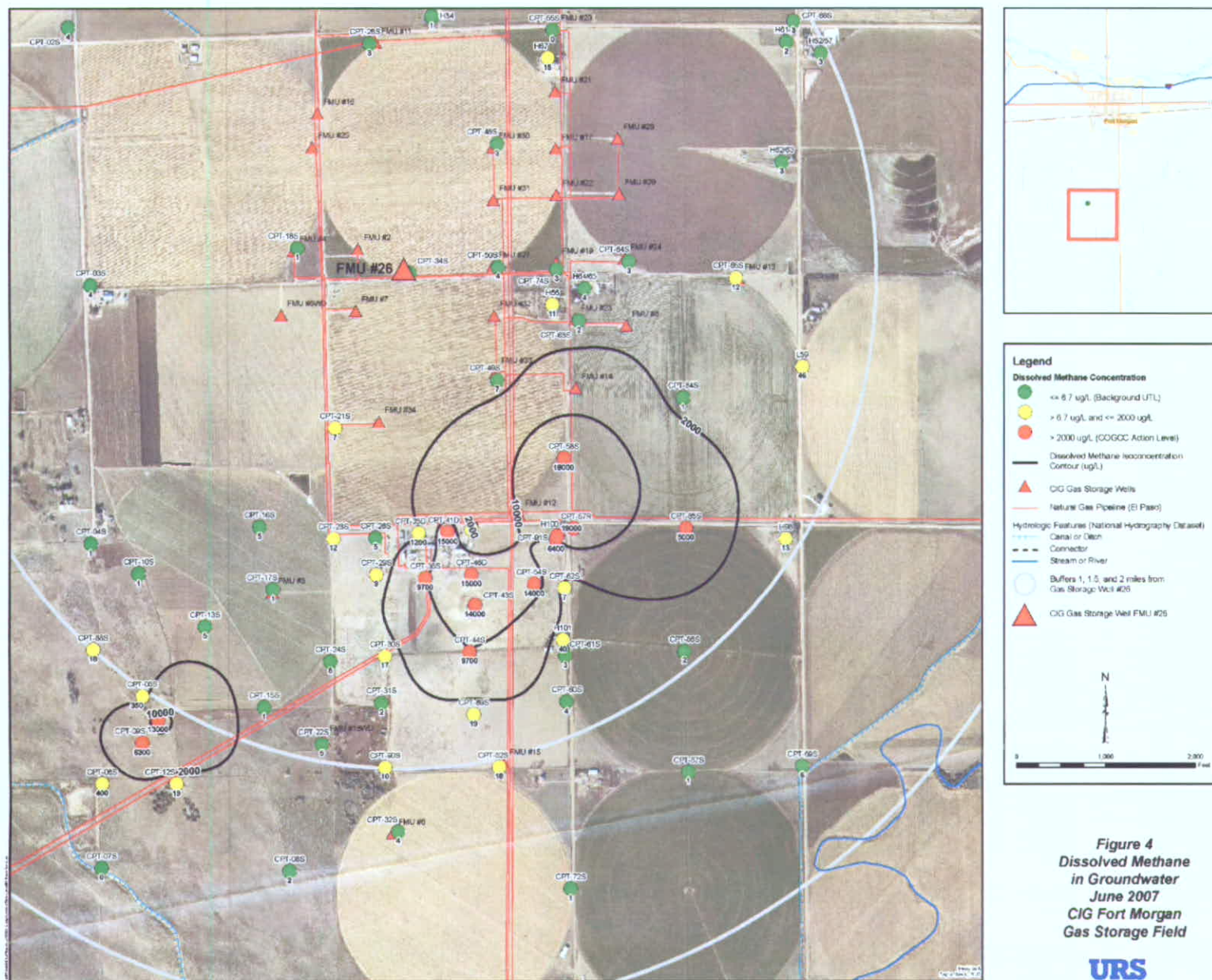
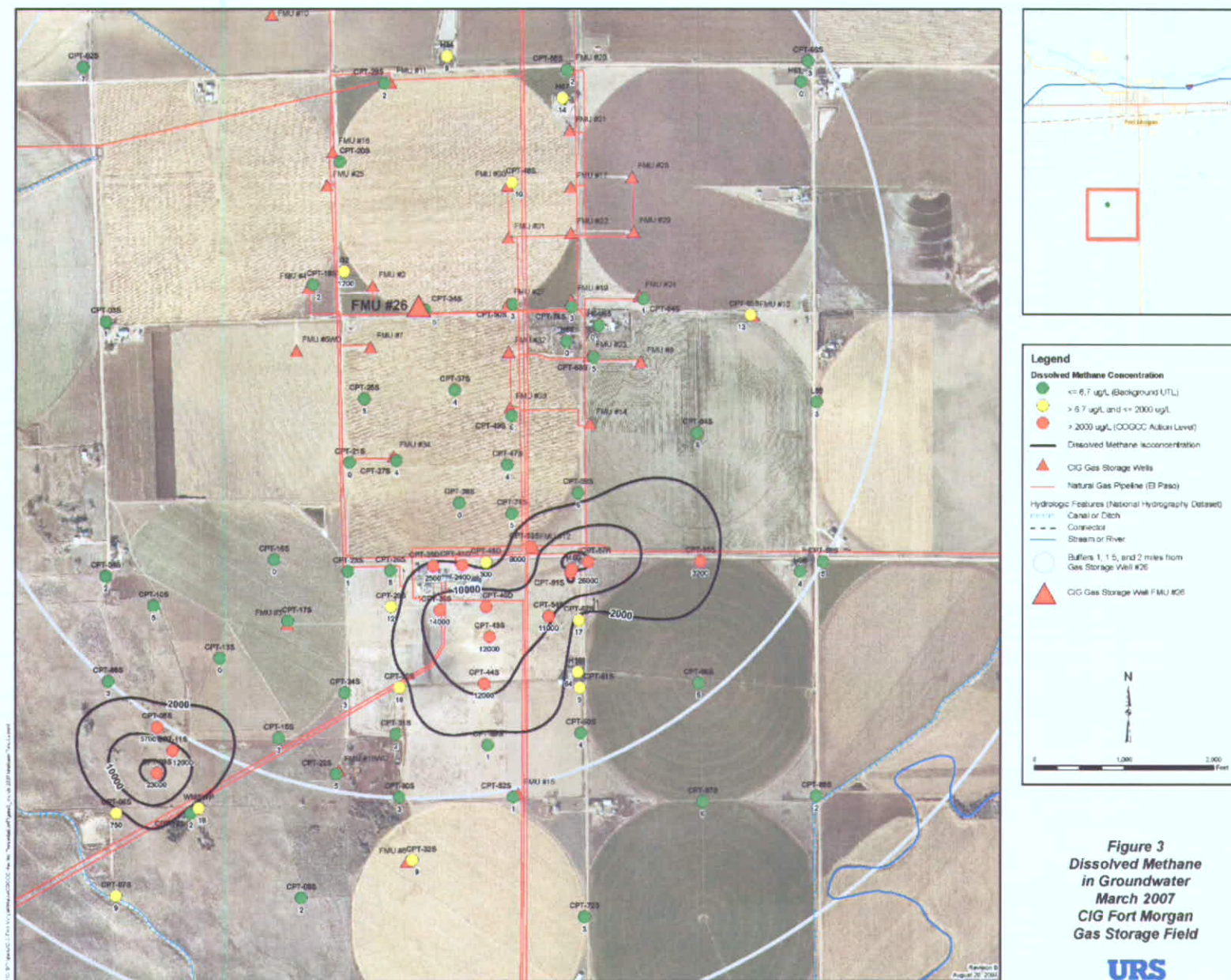


Figure 5
Dissolved Methane
in Groundwater
August 2007
CIG Fort Morgan
Gas Storage Field

URS





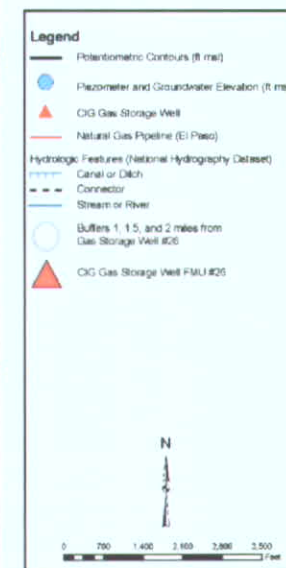
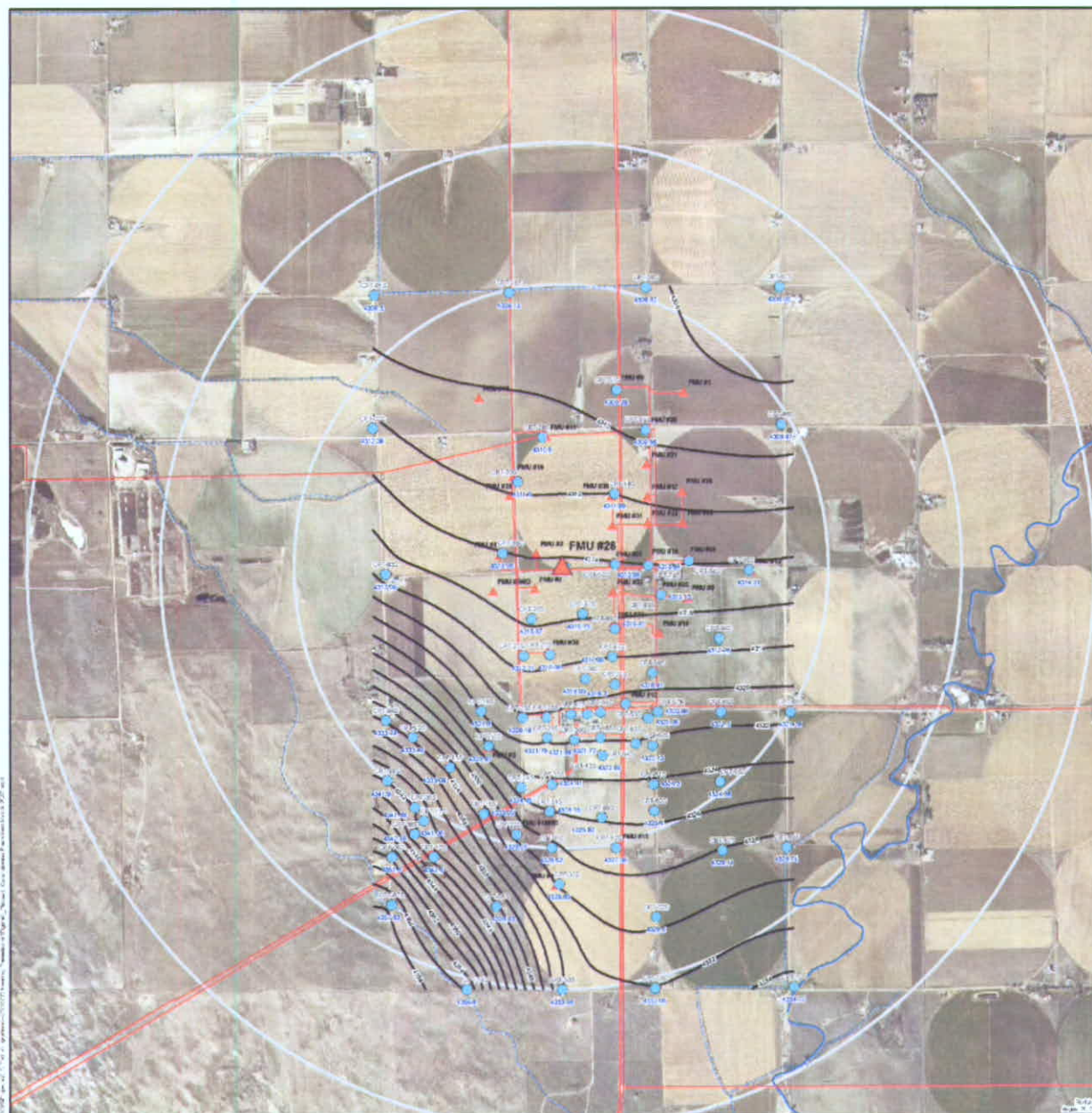


Figure 2
Groundwater Elevations
in Alluvial Aquifer
March 2007
CIG Fort Morgan
Gas Storage Field

URS

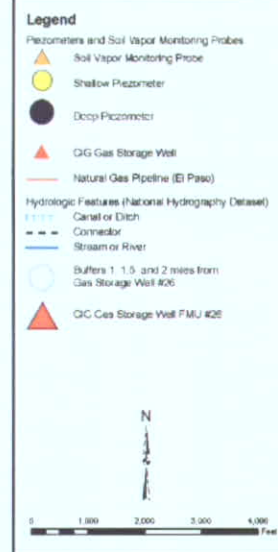
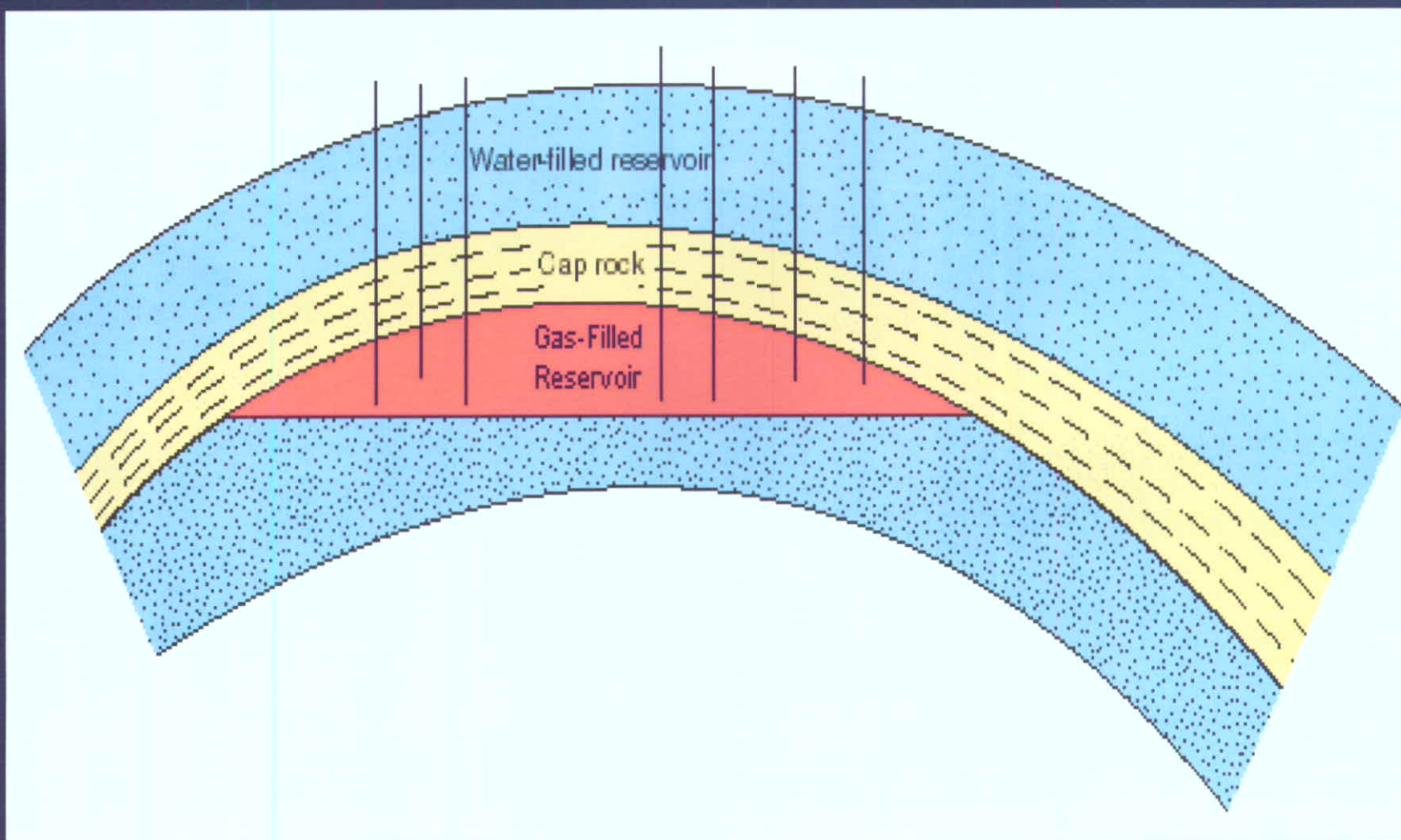
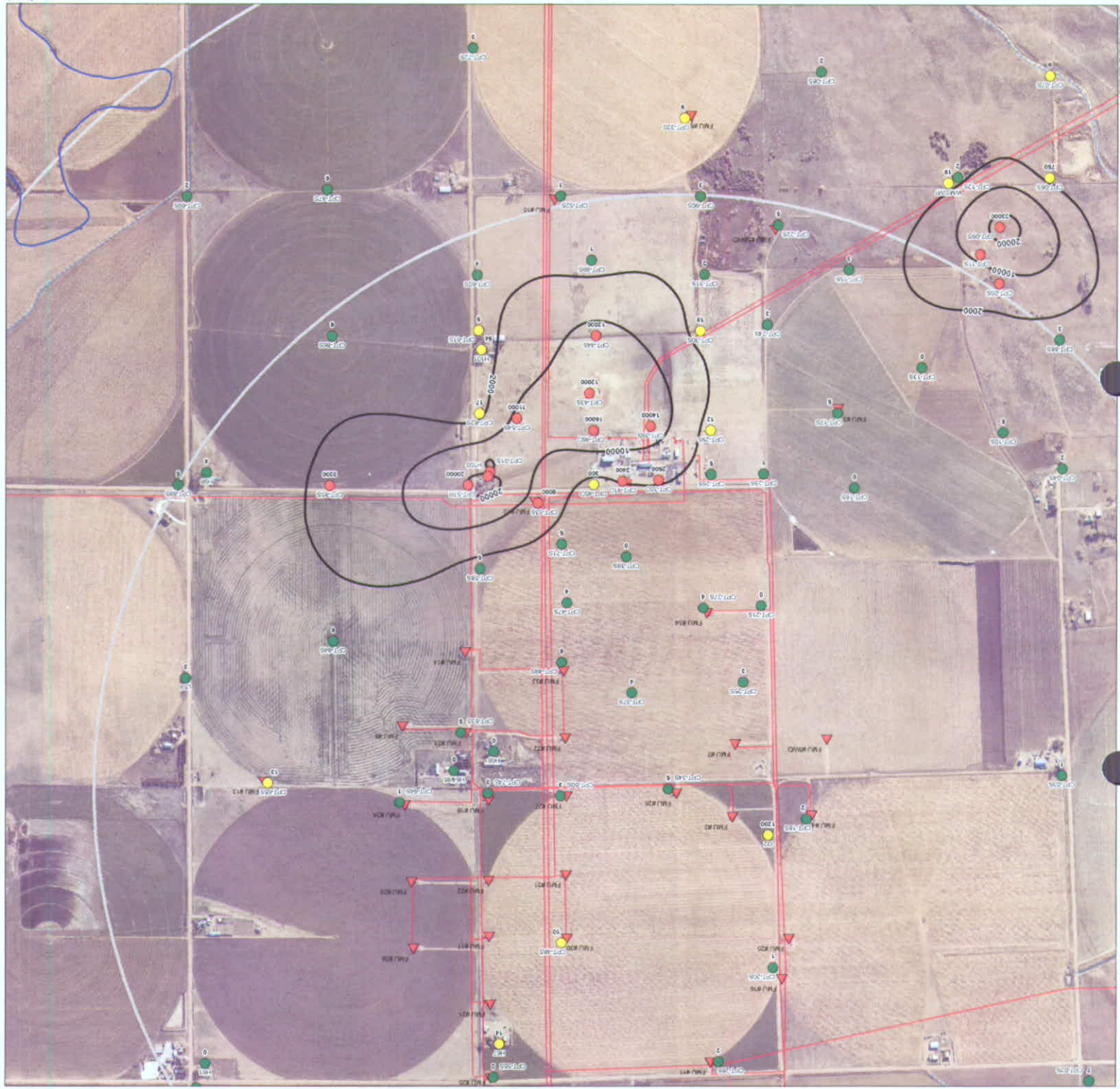
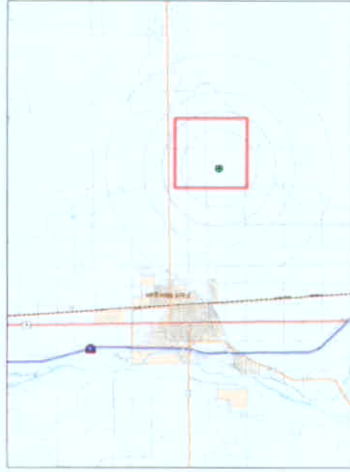
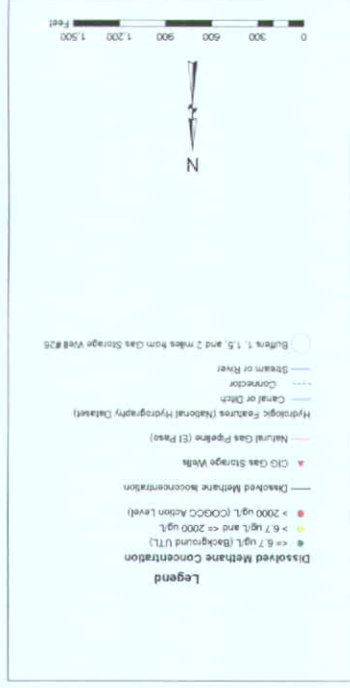


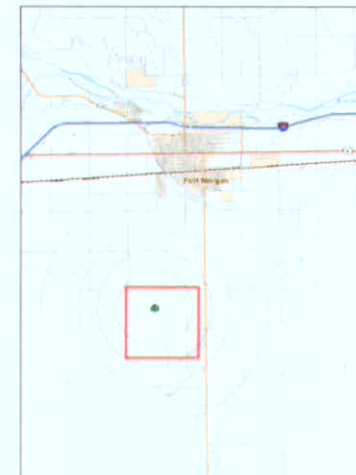
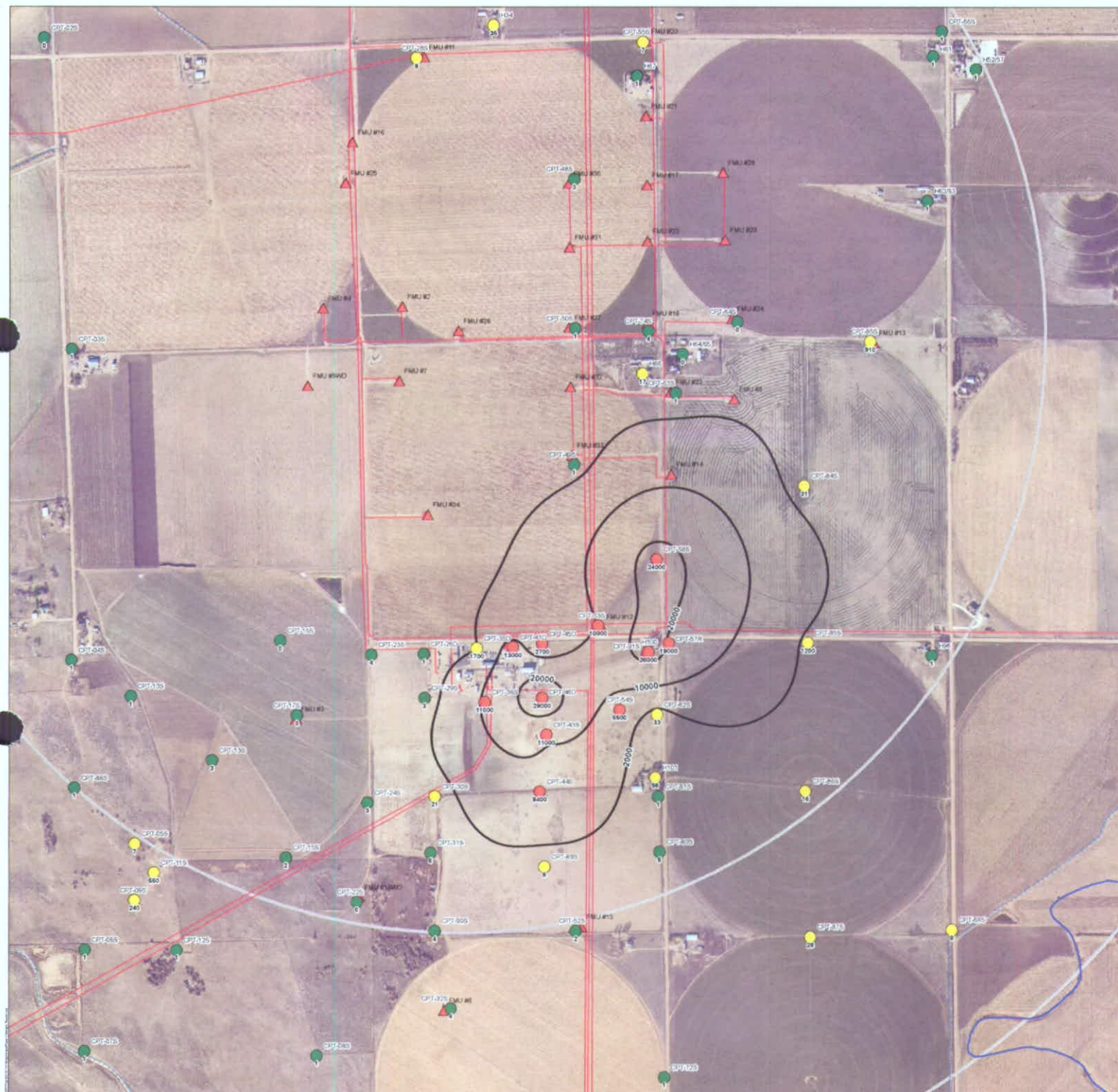
Figure 1
Piezometer and Soil Vapor
Monitoring Probe Locations
CIG Fort Morgan
Gas Storage Field

URS

How Gas Storage Reservoirs Work

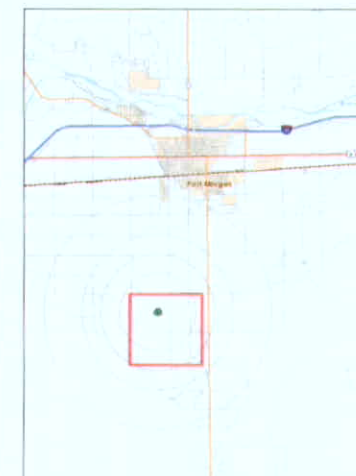
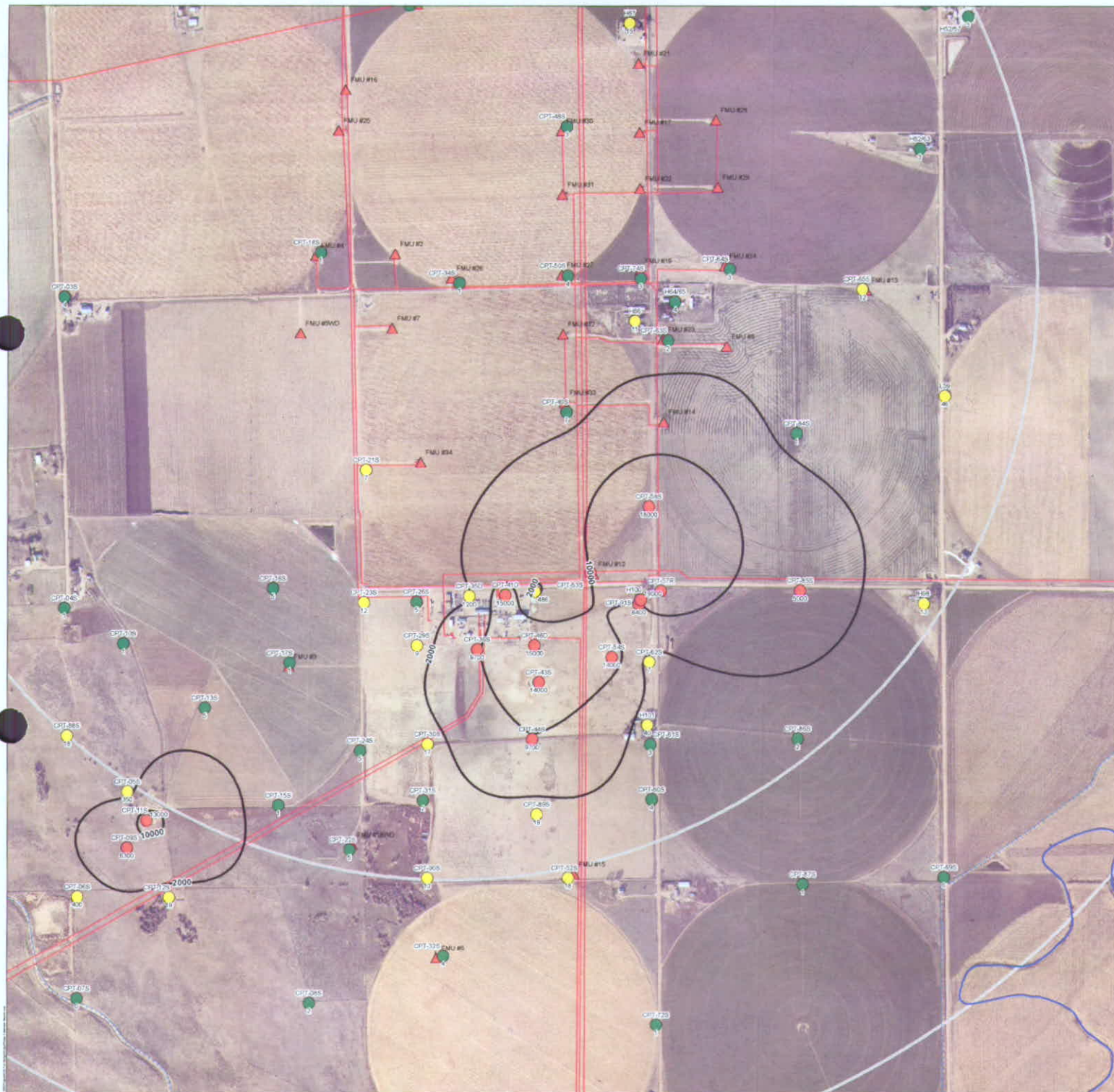




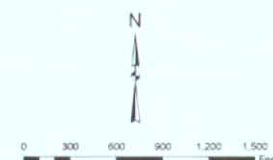


DRAFT
Dissolved Methane
in Groundwater
August 2007
CIG Fort Morgan
Gas Storage Field

URS



- Legend**
- Dissolved Methane Concentration**
- ≤ 6.7 ug/L (Background UTL)
 - > 6.7 ug/L and ≤ 2000 ug/L
 - > 2000 ug/L (COGCC Action Level)
- ▲ CIG Gas Storage Wells
- Natural Gas Pipeline (El Paso)
- Hydrologic Features (National Hydrography Dataset)**
- Canal or Ditch
 - Connector
 - Stream or River
- Buffers 1, 1.5, and 2 miles from Gas Storage Well #26



DRAFT
Dissolved Methane
in Groundwater
June 2007
CIG Fort Morgan
Gas Storage Field

URS

Revision 4
 September 6, 2007

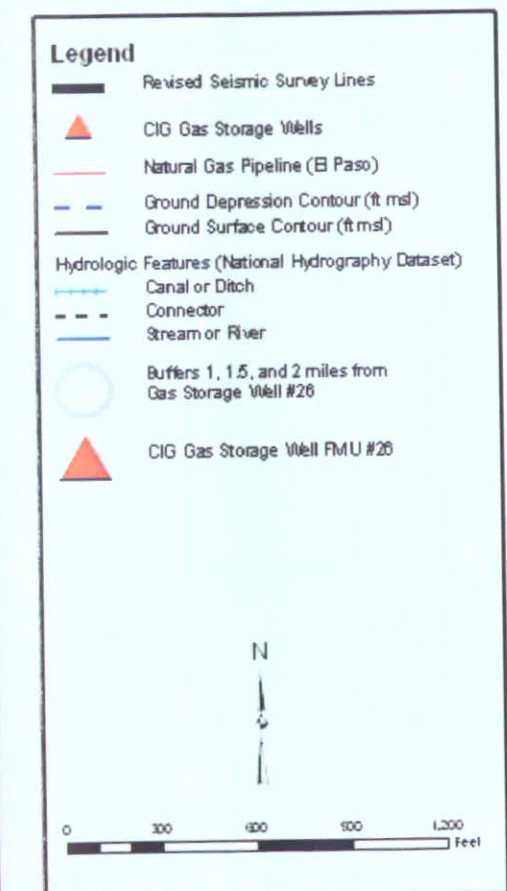
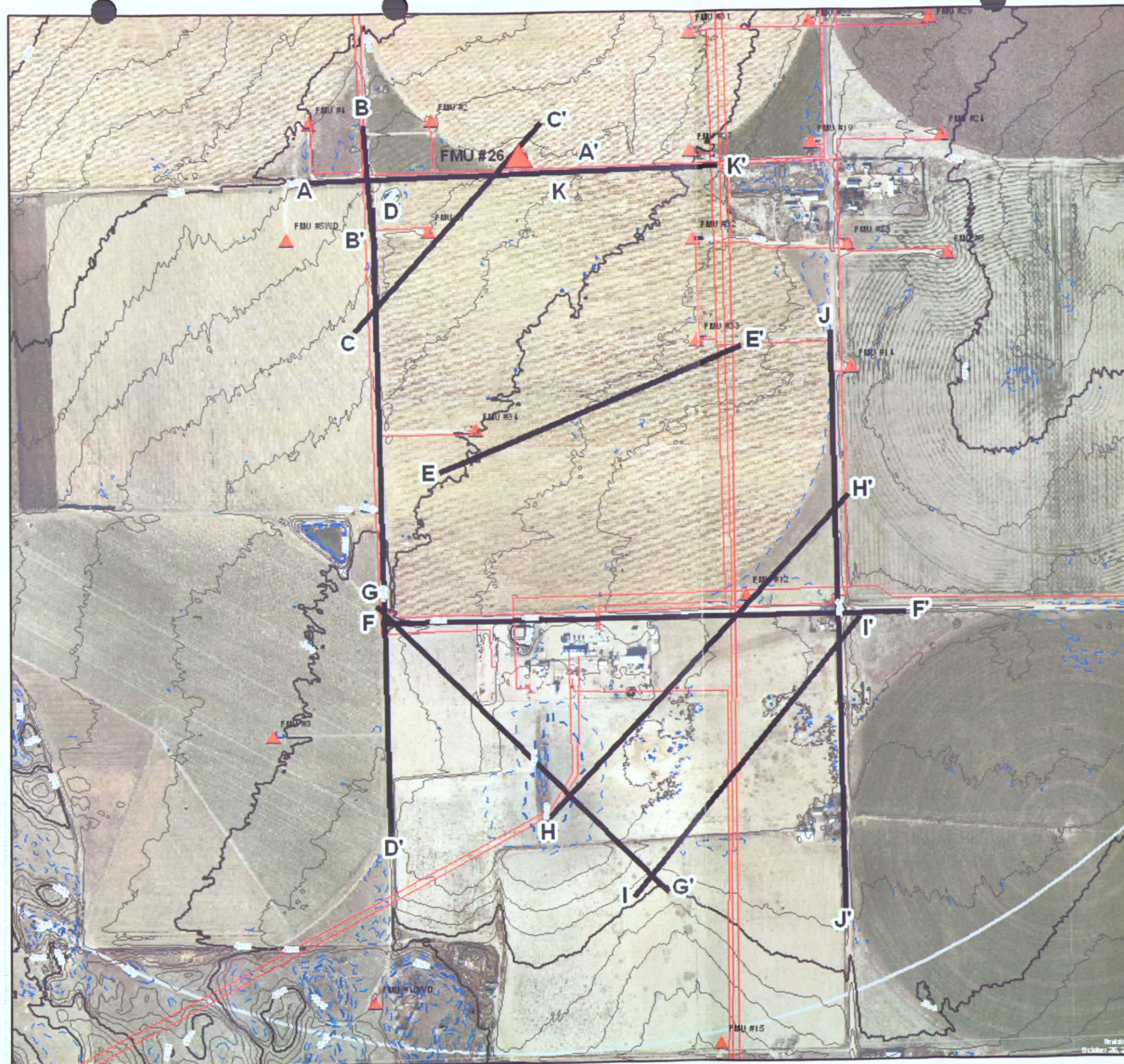


Figure 8
Seismic Line Locations
Phase II Seismic Study
CIG Fort Morgan
Gas Storage Field