

## FIGURES

### SECTION 1.0

- Figure 1.1 General SUA-1548 Location Map
- Figure 1.2 Smith Ranch Location Map
- Figure 1.3 Smith Ranch General Site Map
- Figure 1.4 Smith Ranch East Area
- Figure 1.5 Smith Ranch Central Area
- Figure 1.6 Smith Ranch West Area
- Figure 1.7 Smith Ranch South Area
- Figure 1.8 Smith Ranch Southwest Area
- Figure 1.9 Reynolds Ranch Detailed Site Map
- Figure 1.10 North Butte General Site Map
- Figure 1.11 Gas Hills East Site Map
- Figure 1.12 Gas Hills West Site Map
- Figure 1.13 Ruth Site Map

### SECTION 2.0

- Figure 2.1 Regional CBM, Oil and Gas

### SECTION 3.0

- Figure 3.1 North Butte Remote Satellite Floor Plan
- Figure 3.2 Carol Shop Floor Plan
- Figure 3.3 Alternative Satellite Floor Plan
- Figure 3.4 Mine Unit Location Map
- Figure 3.5 Mine Unit 1 Location Map
- Figure 3.6 Modeled Pattern Configuration
- Figure 3.7 Simulation Index Map
- Figure 3.8 Typical 5-Spot Pattern
- Figure 3.9 Typical 7-Spot Pattern
- Figure 3.10 Line and Staggered Line Drive Patterns
- Figure 3.11 Typical Injection Well
- Figure 3.12 Typical Production Well
- Figure 3.13 Typical Monitor Well
- Figure 3.14 Typical Drill Site in Even Terrain
- Figure 3.15 Typical Drill Site in Rough Terrain
- Figure 3.16 Mine Unit 1 Delineation Drilling
- Figure 3.17 Mine Unit 1 Wellfield Development
- Figure 3.18 CPP Site Map
- Figure 3.19 CPP Floor Plan
- Figure 3.20 Highland CPF Site Map

- Figure 3.21 Highland CPF Floor Plan
- Figure 3.22 Satellite 1 Site Map
- Figure 3.23 Satellite 2 and Selenium Plant Site Map
- Figure 3.24 Satellite 2 Floor Plan
- Figure 3.25 Satellite 3 Site Plan
- Figure 3.26 Satellite 3 Floor Plan
- Figure 3.27 Satellite SR-1 Site Plan
- Figure 3.28 Satellite SR-1 Floor Plan
- Figure 3.29 Satellite SR-2 Site Plan
- Figure 3.30 Satellite SR-2 Floor Plan
- Figure 3.31 Reynolds Ranch Site Map
- Figure 3.32 Reynolds Ranch Floor Plan
- Figure 3.33 Mine Unit Piping Diagram
- Figure 3.34 PSR-1 Interceptor Trench Details
- Figure 3.35 Primary and Secondary Access Road Construction
- Figure 3.36 North Butte Waste Water Treatment Schematic
- Figure 3.37 North Butte Disposal Well Building Layout
- Figure 3.38 Pump Station No. 1 – Typical Layout
- Figure 3.39 Pump Station No. 2 and No. 3 – Typical Layout
- Figure 3.40 PMF Diversions and Evaporation Ponds

## **SECTION 5.0**

- Figure 5.1 Cameco Organization Chart
- Figure 5.2 Radiological Sampling Locations at the CPP
- Figure 5.3 Radiological Sampling Locations at Satellite #2 and Selenium Plant
- Figure 5.4 Radiological Sampling Locations at Satellite #3
- Figure 5.5 Radiological Sampling Locations at SR-1
- Figure 5.6 Radiological Sampling Locations at SR-2
- Figure 5.7 Smith Ranch Environmental Sampling Location Map
- Figure 5.8 North Butte Environmental Sampling Location Map
- Figure 5.9 Gas Hills Environmental Sampling Location Map

## **SECTION 7.0**

- Figure 7.1 Human Exposure Pathways for Known and Potential Sources from the Smith Ranch Project