APPENDIX A:

FIELD MAPS AND CROSS SECTIONS, LISBON FIELD, SAN JUAN COUNTY, UTAH

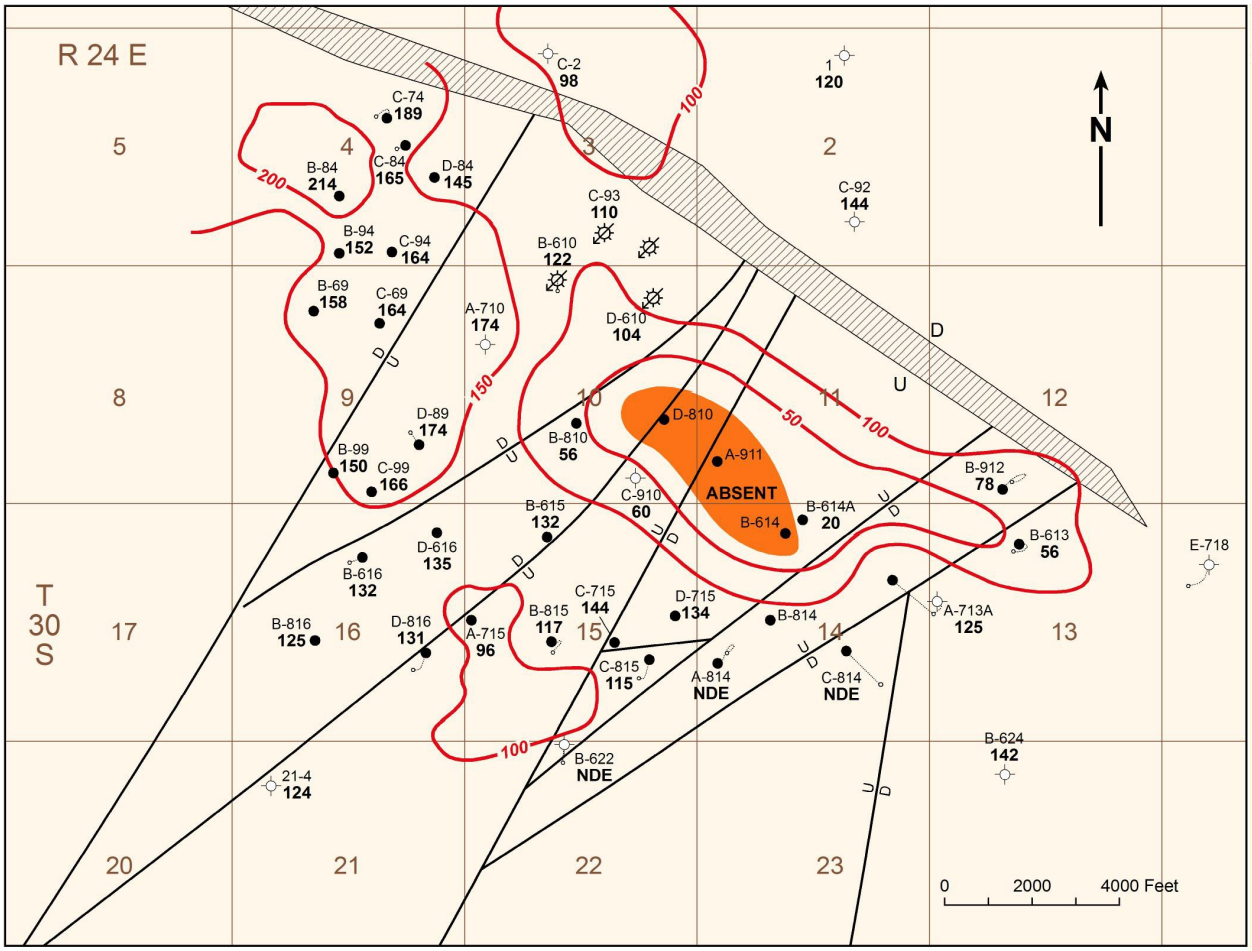

Figure A.1

Isochore Zone 1
(Contour interval 50 feet)
Leadville Limestone

Lisbon Field
San Juan County, Utah

EXPLANATION

- Oil well
- Dry hole
- Gas injection well
- Minor fault
- Major fault
- Well name
- C-815 115 — Interval thickness (ft)
- Surface location
- Bottom-hole location
- NDE = Not deep enough

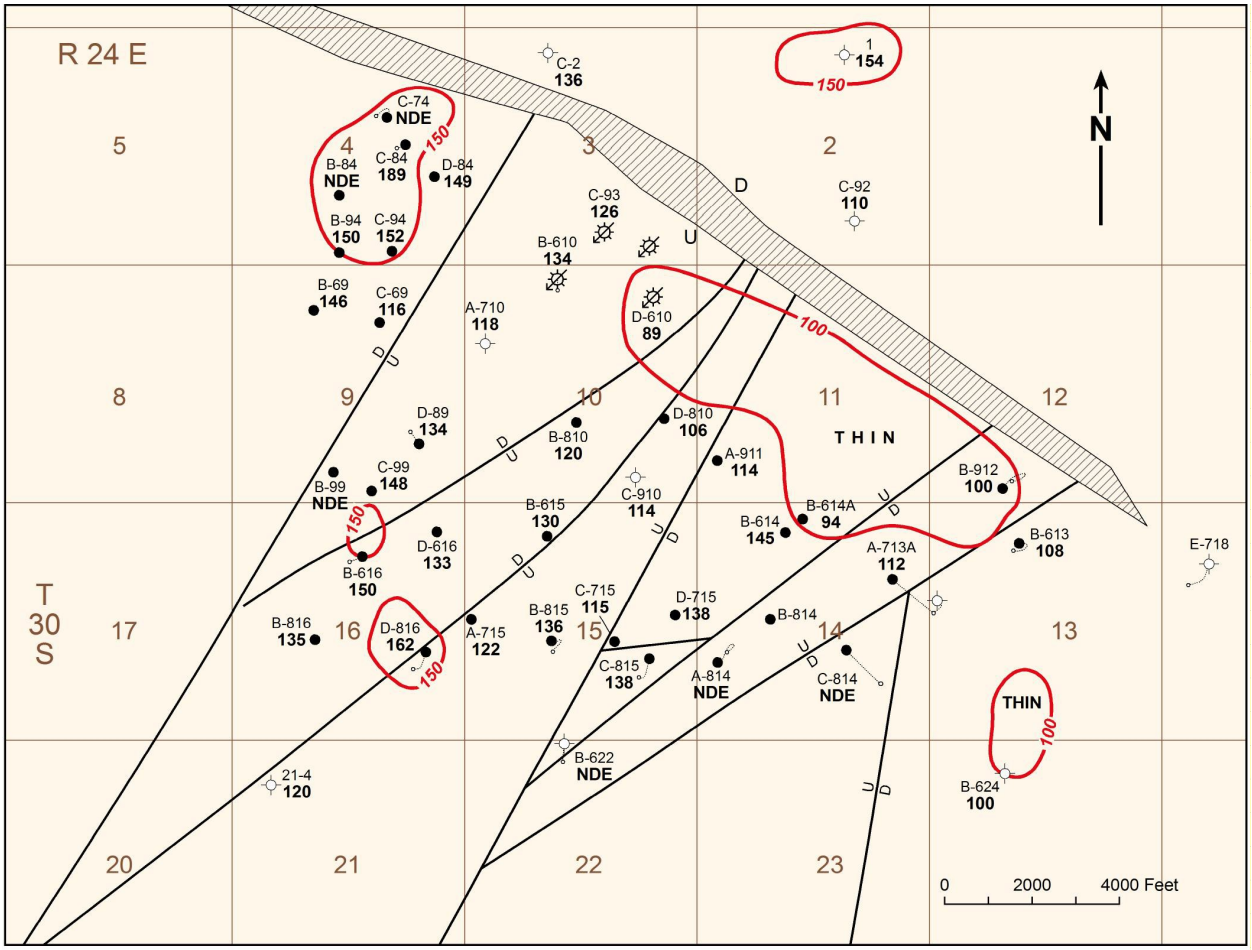

Figure A.2

Isochore Zone 2
(Contour interval 50 feet)
Leadville Limestone

Lisbon Field
San Juan County, Utah

EXPLANATION

- Oil well
- Dry hole
- Gas injection well
- Minor fault
- Major fault
- Well name
- C-815 138 — Interval thickness (ft)
- Surface location
- Bottom-hole location
- NDE = Not deep enough

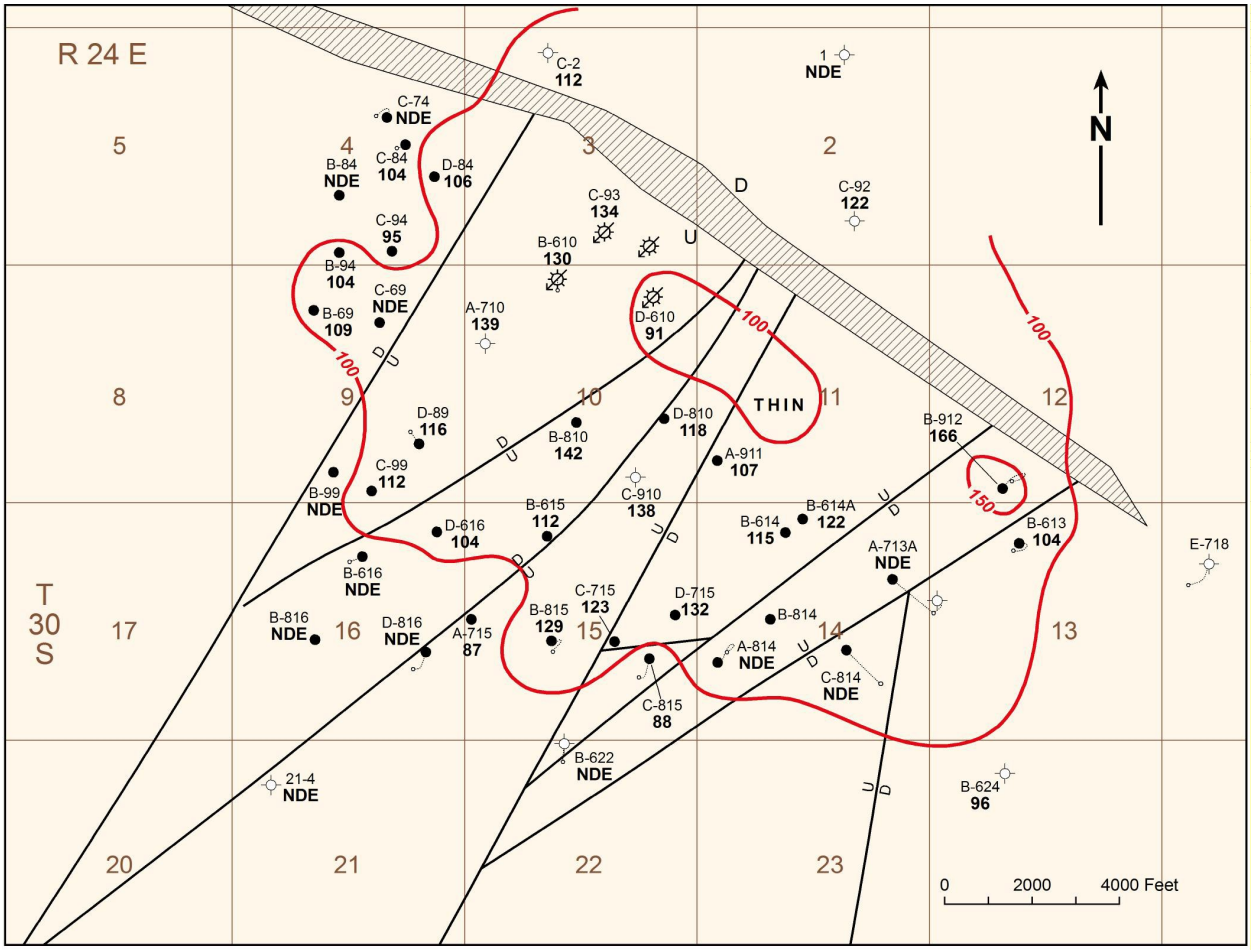

Figure A.3

Isochore Zone 3
(Contour interval 50 feet)
Leadville Limestone

Lisbon Field
San Juan County, Utah

EXPLANATION

- Oil well
- Dry hole
- Gas injection well
- Minor fault (D / U)
- Major fault
- Well name
- C-815 88 — Interval thickness (ft)
- Surface location
- Bottom-hole location
- NDE = Not deep enough

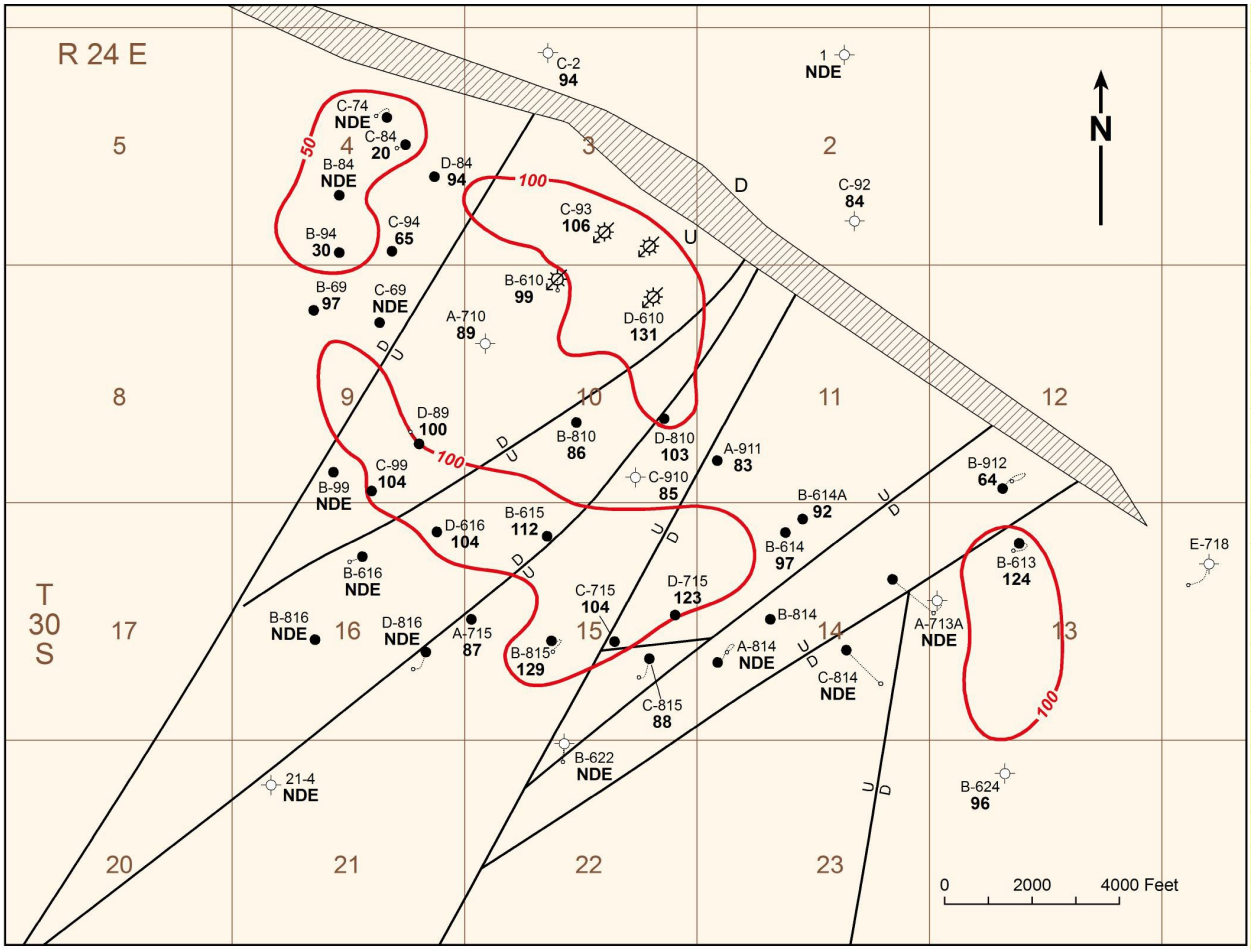

Figure A.4

Isochore Zone 4
(Contour interval 50 feet)
Leadville Limestone

Lisbon Field
San Juan County, Utah

EXPLANATION

- Oil well
- Dry hole
- Gas injection well
- Minor fault
- Major fault
- Well name
- C-815 88 — Interval thickness (ft)
- Surface location
- Bottom-hole location
- NDE = Not deep enough

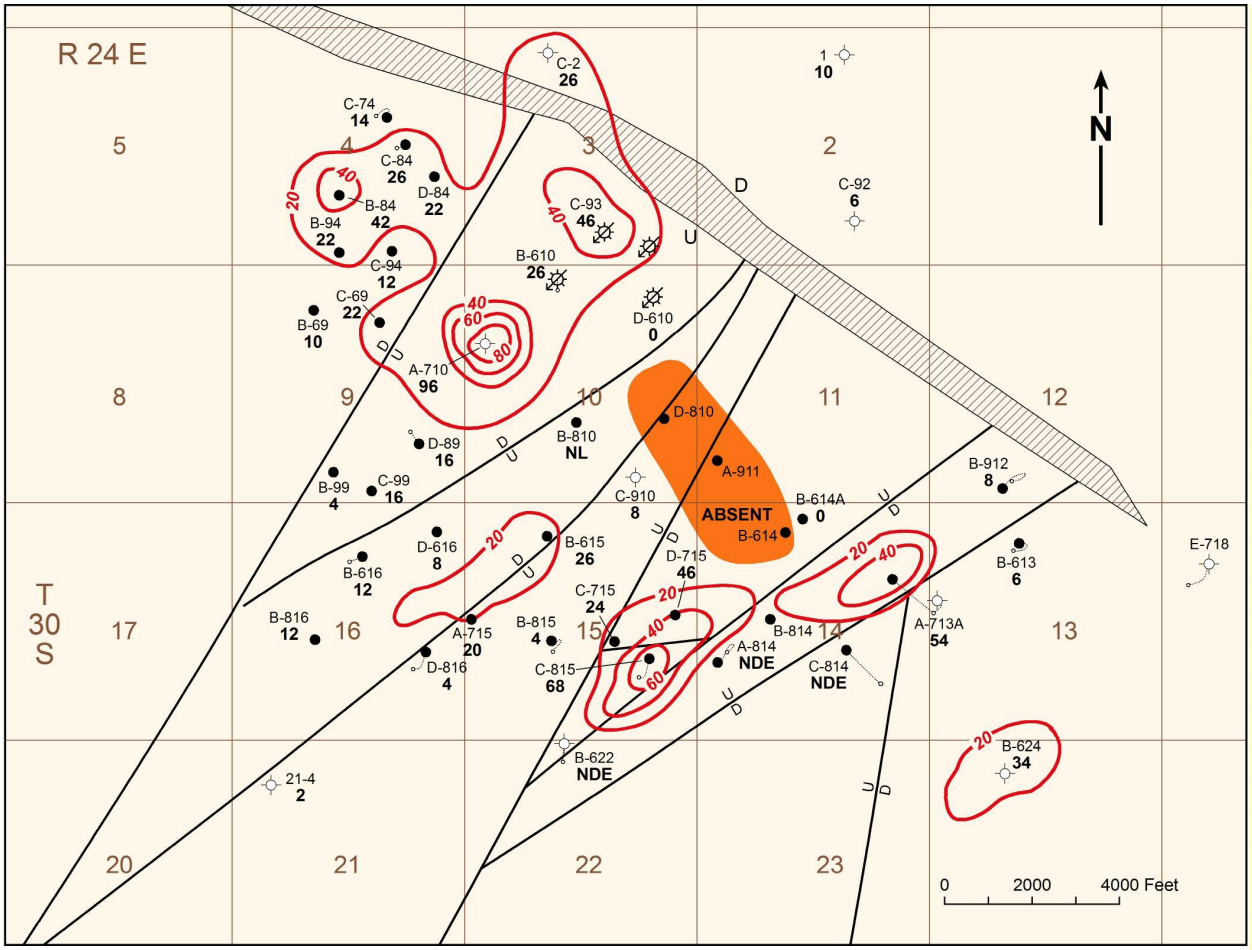

Figure A.5

Zone 1 - Feet of Porosity >10%
(Contour interval 20 feet)
Leadville Limestone

Lisbon Field
San Juan County, Utah

EXPLANATION

- Oil well
- Dry hole
- Gas injection well
- Minor fault
- Major fault
- Well name
- C-815 68 — Interval thickness (ft)
- Surface location
- Bottom-hole location
- NDE = Not deep enough

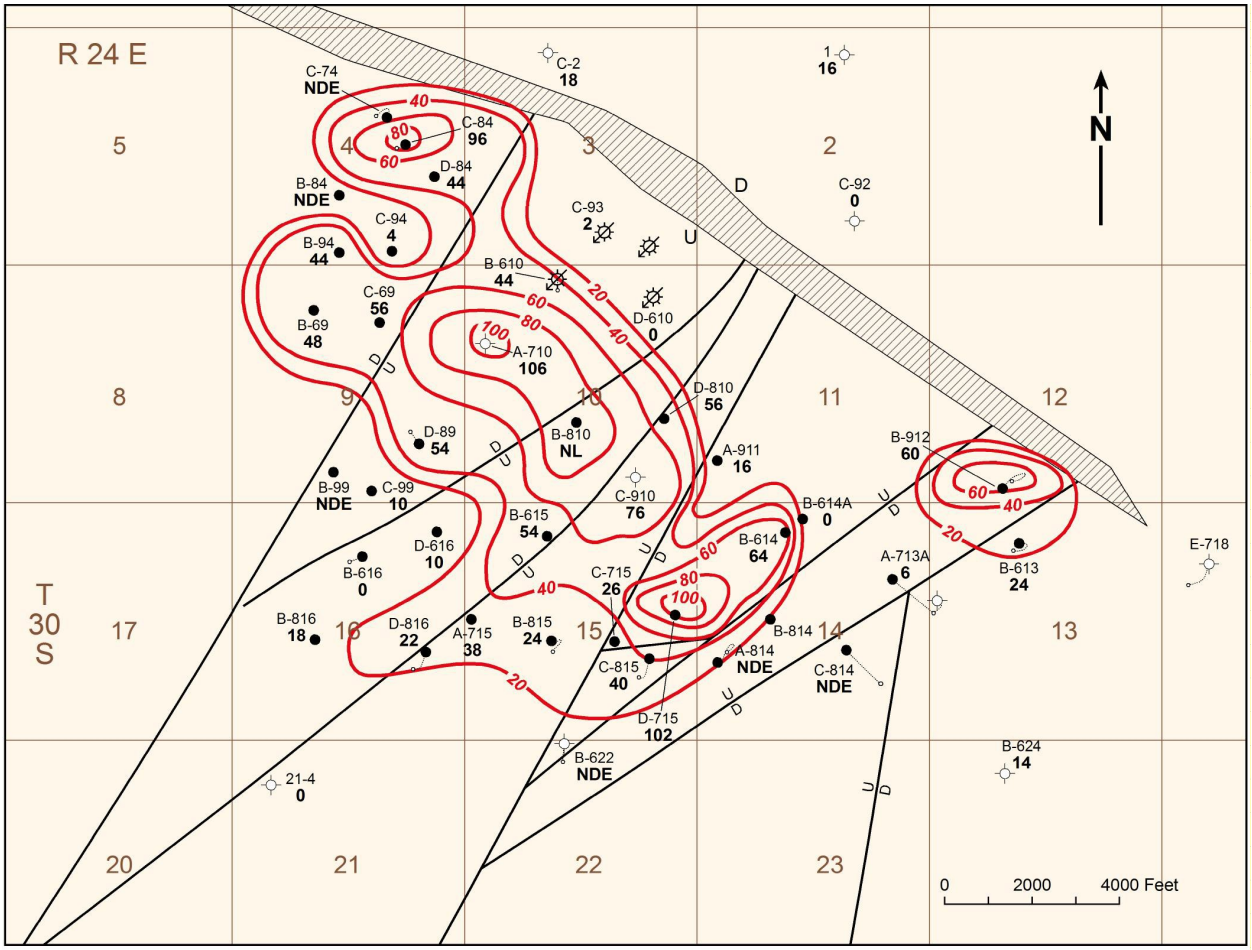

Figure A.6

Zone 2 - Feet of Porosity >10%
(Contour interval 20 feet)
Leadville Limestone

Lisbon Field
San Juan County, Utah

EXPLANATION

- Oil well
- Dry hole
- Gas injection well
- Minor fault
- Major fault
- Well name
- C-815 40 — Interval thickness (ft)
- Surface location
- Bottom-hole location
- NDE = Not deep enough

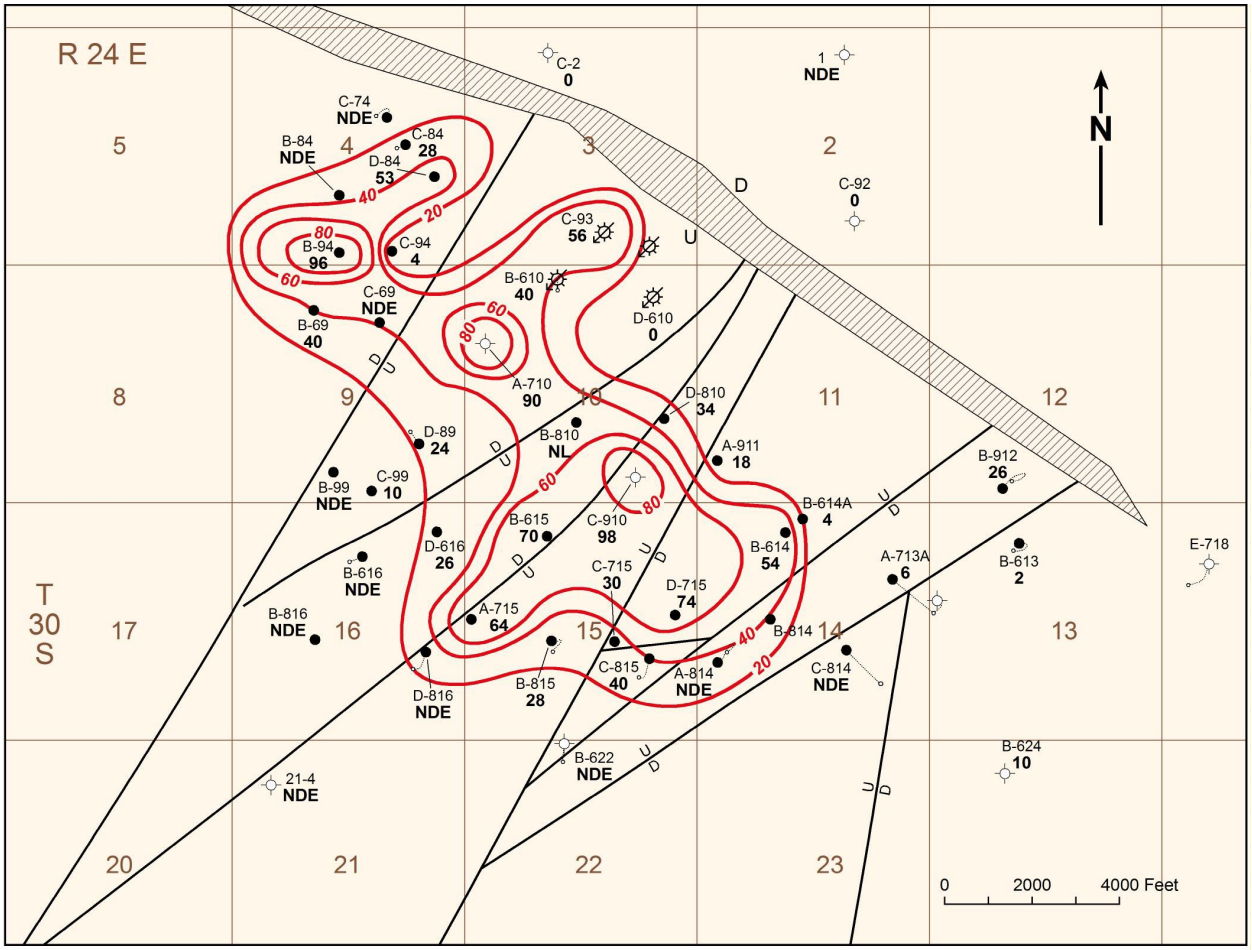

Figure A.7

Zone 3 - Feet of Porosity >10%
(Contour interval 20 feet)
Leadville Limestone

Lisbon Field
San Juan County, Utah

EXPLANATION

- Oil well
- Dry hole
- Gas injection well
- Minor fault
- Major fault
- Well name
- C-815 40 — Interval thickness (ft)
- Surface location
- Bottom-hole location
- NDE = Not deep enough

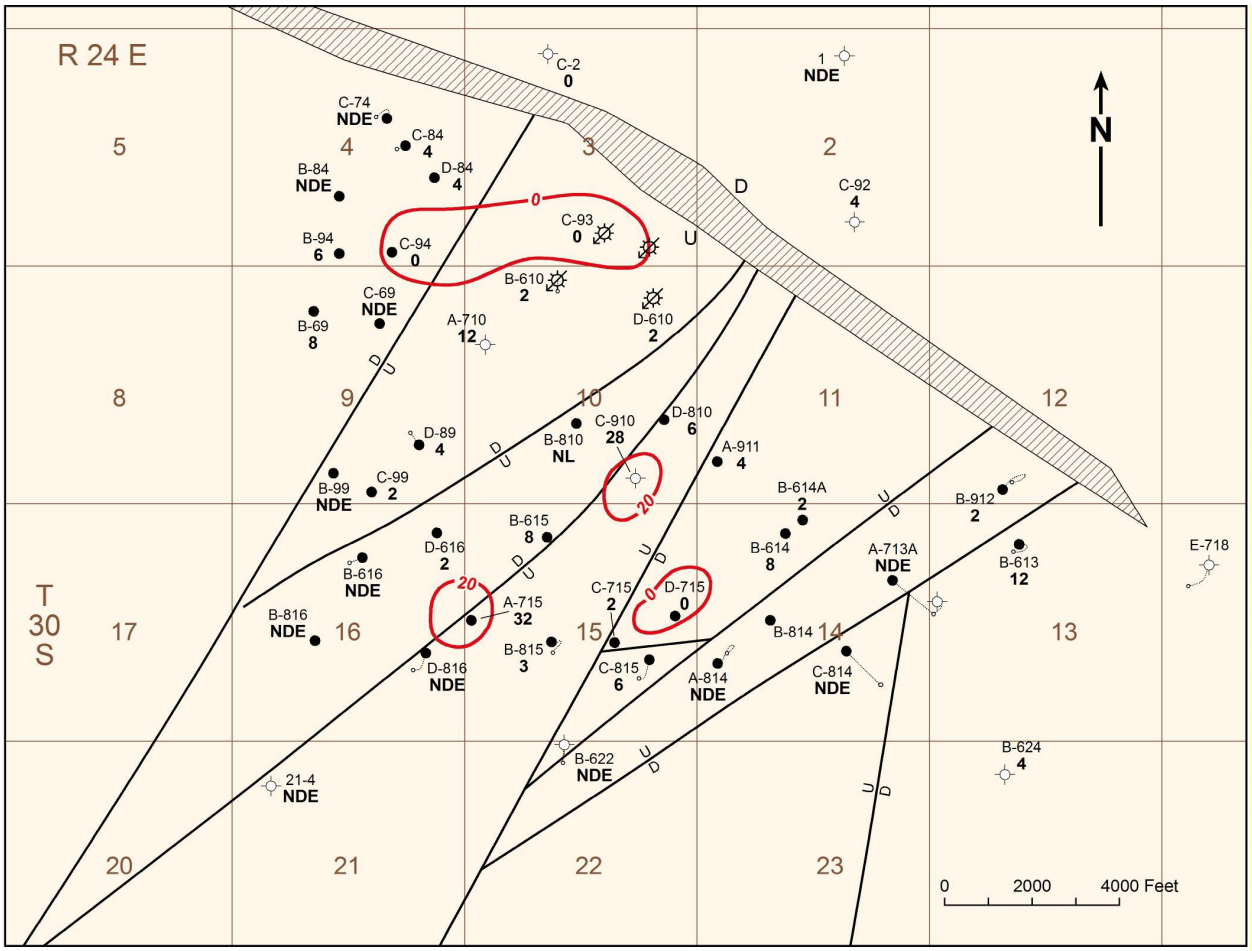

Figure A.8

Zone 4 - Feet of Porosity >10%
(Contour interval 20 feet)
Leadville Limestone

Lisbon Field
San Juan County, Utah

EXPLANATION

- Oil well
- Dry hole
- Gas injection well
- Minor fault
- Major fault
- Well name
- C-815 6 — Interval thickness (ft)
- Surface location
- Bottom-hole location
- NDE = Not deep enough

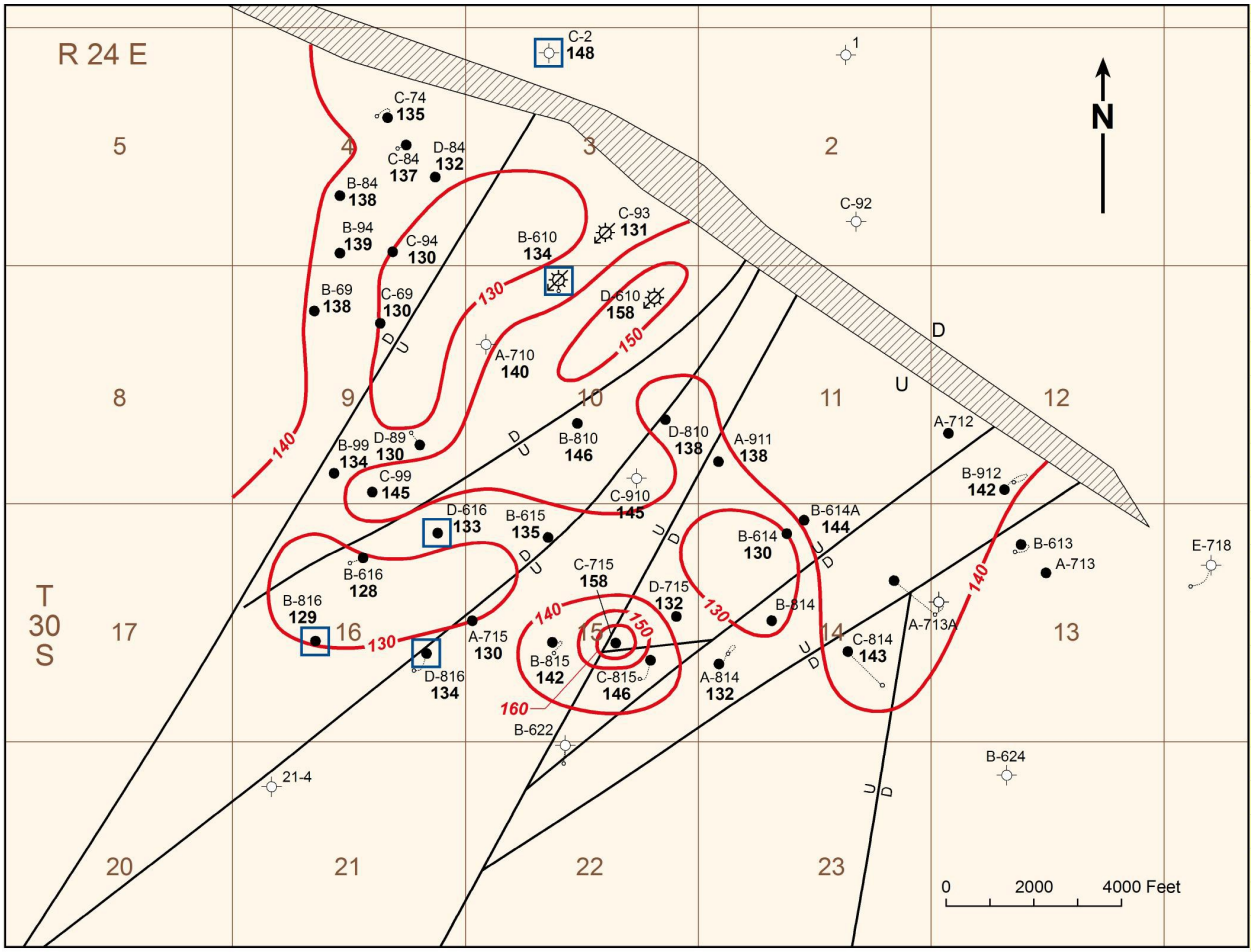

Figure A.9

Bottom-Hole Temperature
(Contour interval 10 degrees Fahrenheit)
Leadville Limestone

Lisbon Field
San Juan County, Utah

EXPLANATION

- Oil well
- Dry hole
- Gas injection well
- Minor fault (D / U)
- Major fault
- Project core
- Well name
- C-815 146 — Interval thickness (ft)
- Surface location
- Bottom-hole location
- NDE = Not deep enough

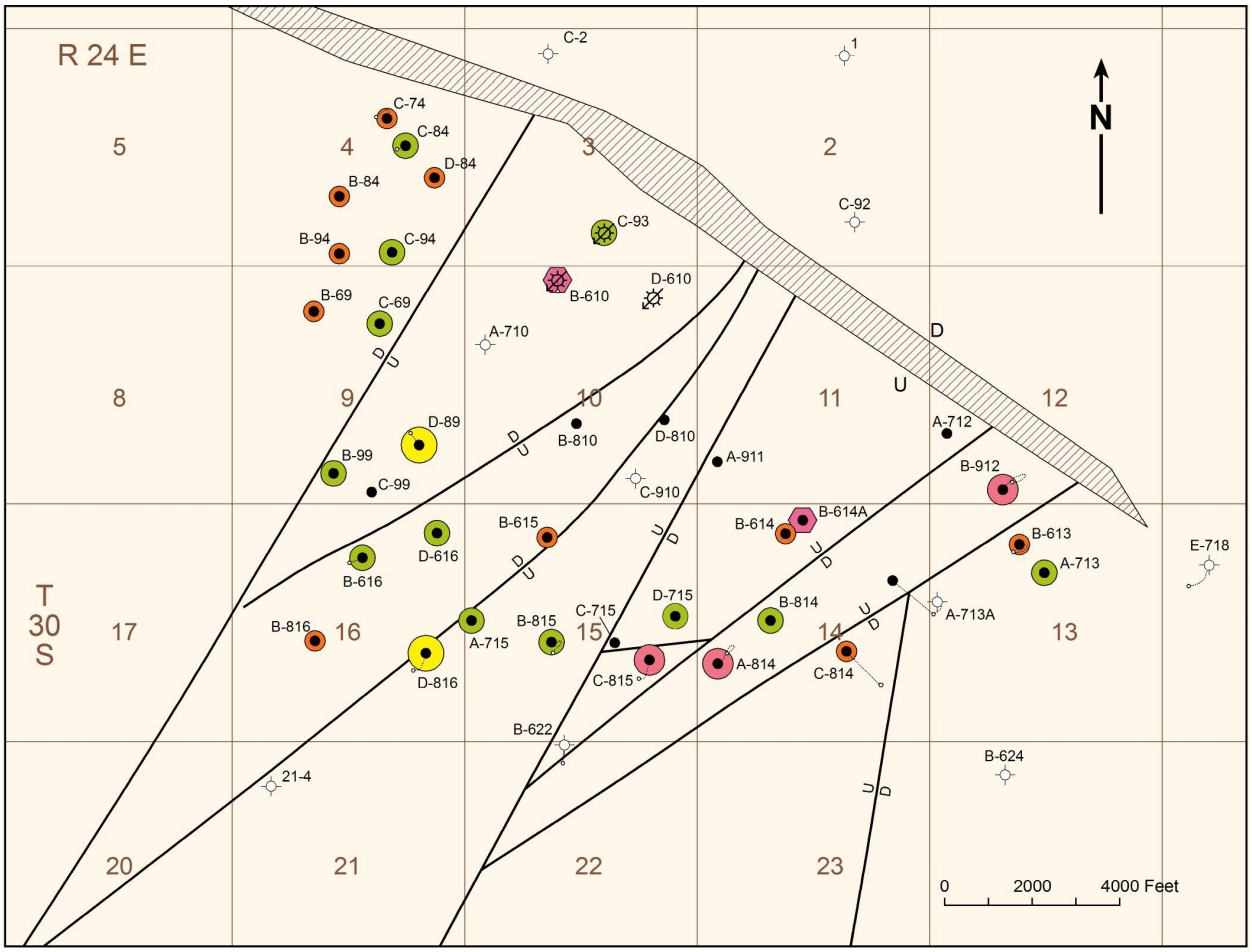

Figure A.10

Initial Flowing Potential
Leadville Limestone

Lisbon Field
San Juan County, Utah

EXPLANATION

- Oil well
- Dry hole
- Gas injection well
- Minor fault (D / U)
- Major fault

C-815 — Well name; Surface location; Bottom-hole location

NDE = Not deep enough

- 100 to 500 BOPD
- 500 to 1000 BOPD
- 1000 to 1500 BOPD
- >1500 BOPD
- 2-4.4 MMCFGPD

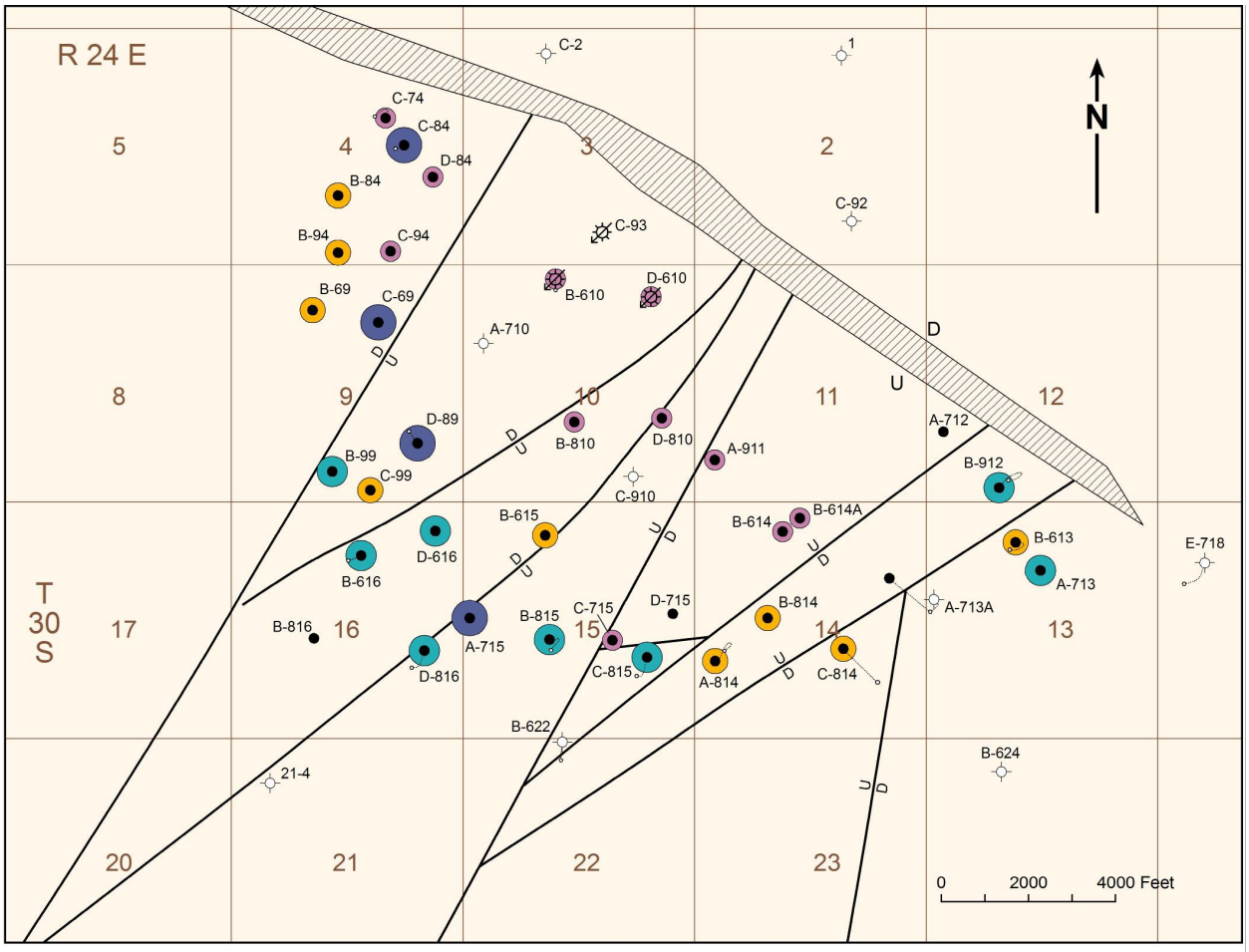

Figure A.11

Cumulative Oil Production
Leadville Limestone

Lisbon Field
San Juan County, Utah

EXPLANATION

- Oil well
- Dry hole
- Gas injection well
- Minor fault
- Major fault

C-815 — Well name; Surface location; Bottom-hole location

NDE = Not deep enough

- <100 MBO
- 100 to 1000 MBO
- 1000 to 5000 MBO
- >5000 MBO