APPENDIX E: CROSS SECTIONS AND FIELD MAPS, BUG AND CHEROKEE FIELDS, SAN JUAN COUNTY, UTAH



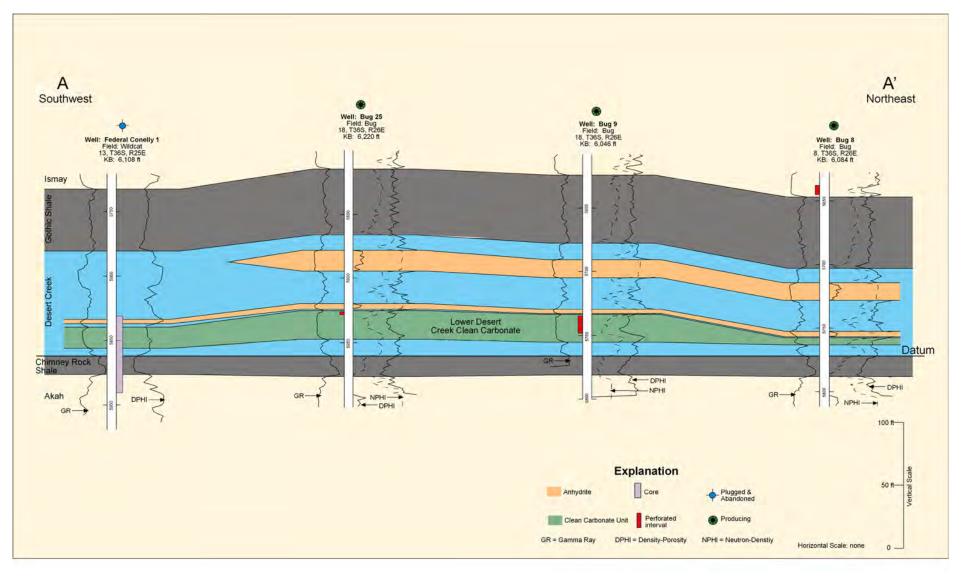


Figure E.1. Southwest to northeast stratigraphic cross section, Bug field, Utah. Line of section A-A' shown on figure E.3

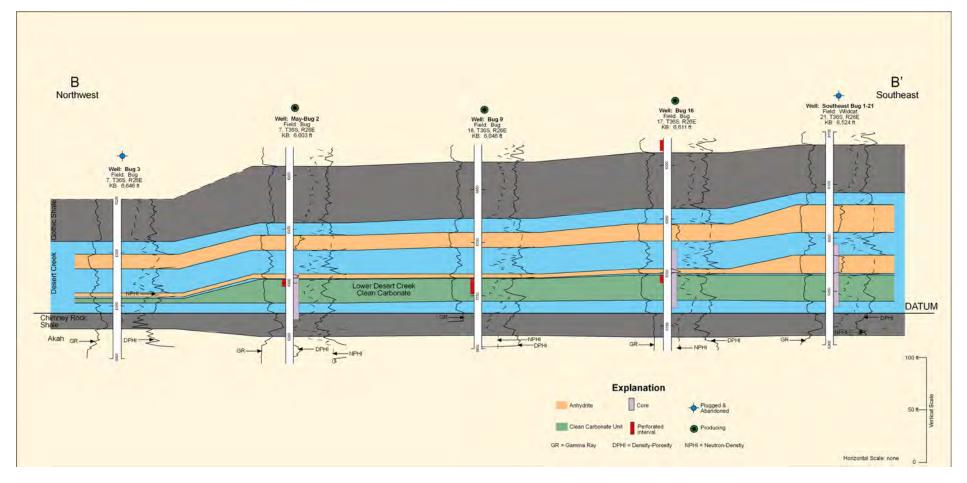
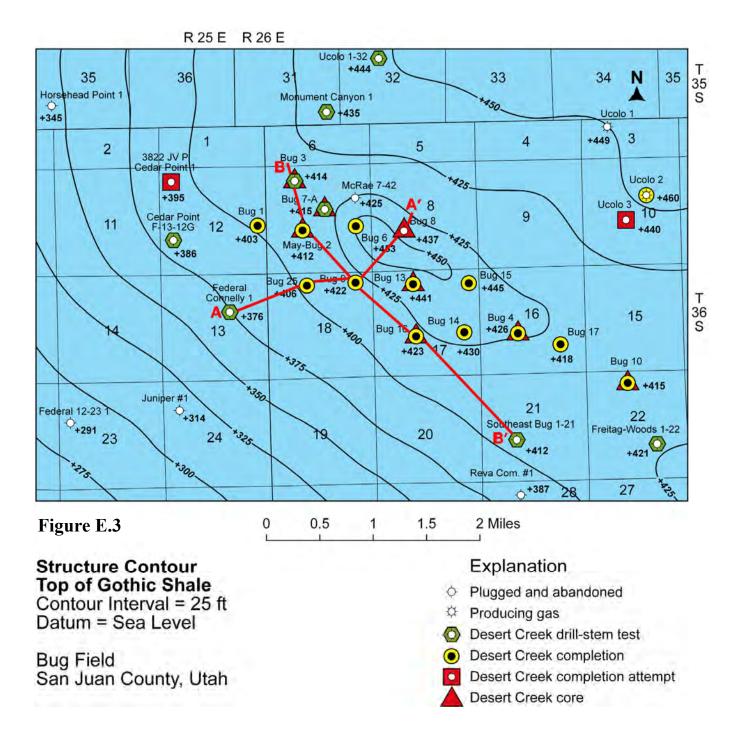
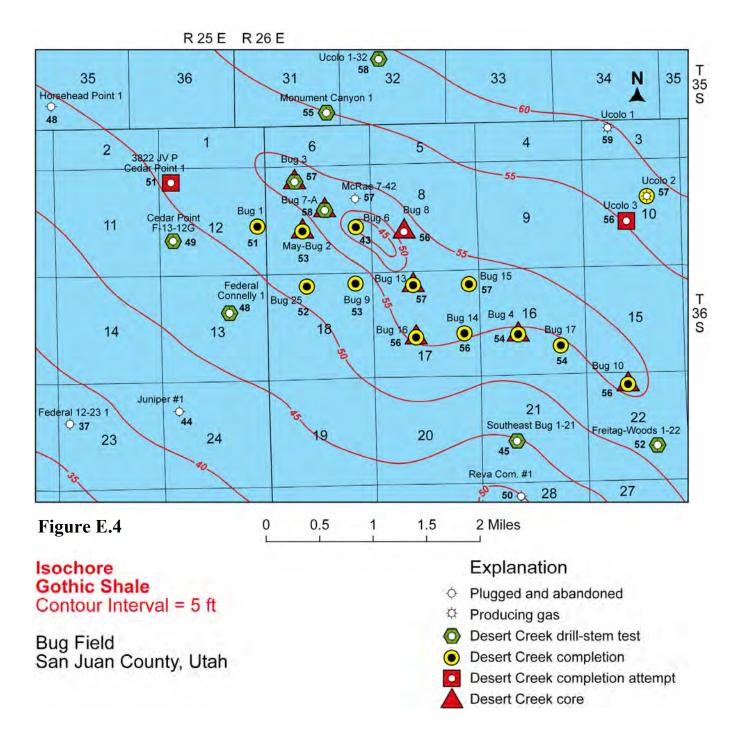
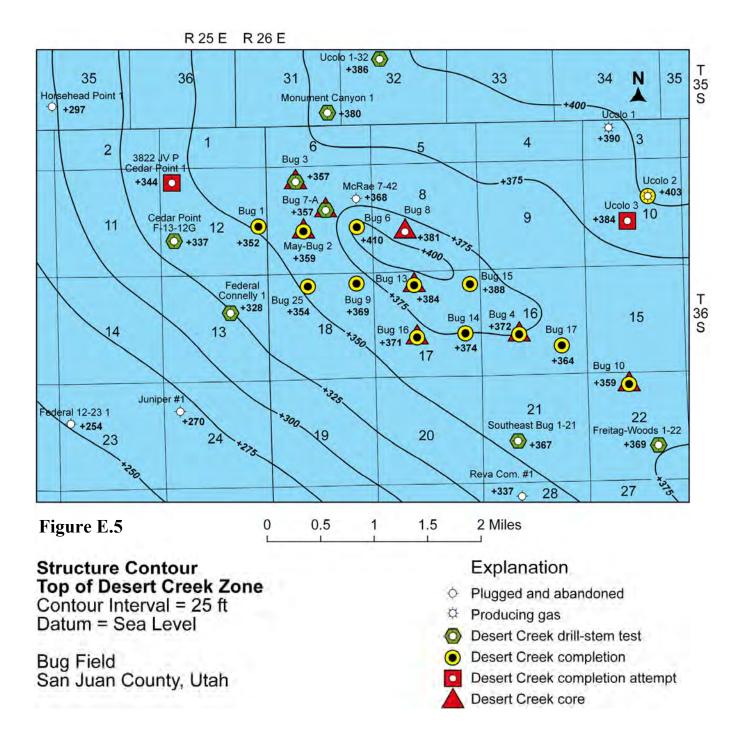
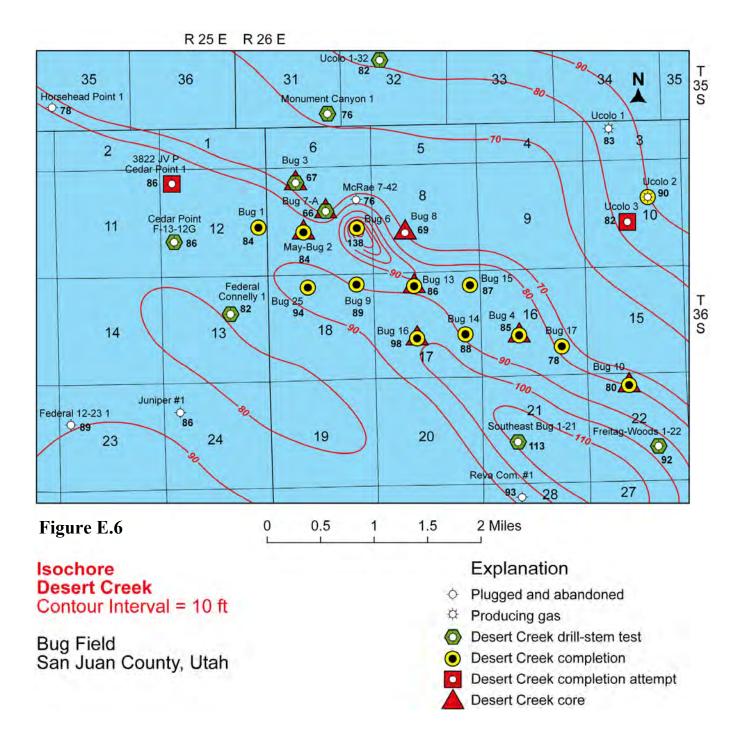


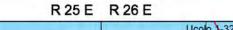
Figure E.2. Northwest to southeast stratigraphic cross section, Bug field, Utah. Nkpg'qh'ugevkqp'D/B)'uj qy p'qp'' Hi wtg'GG5''

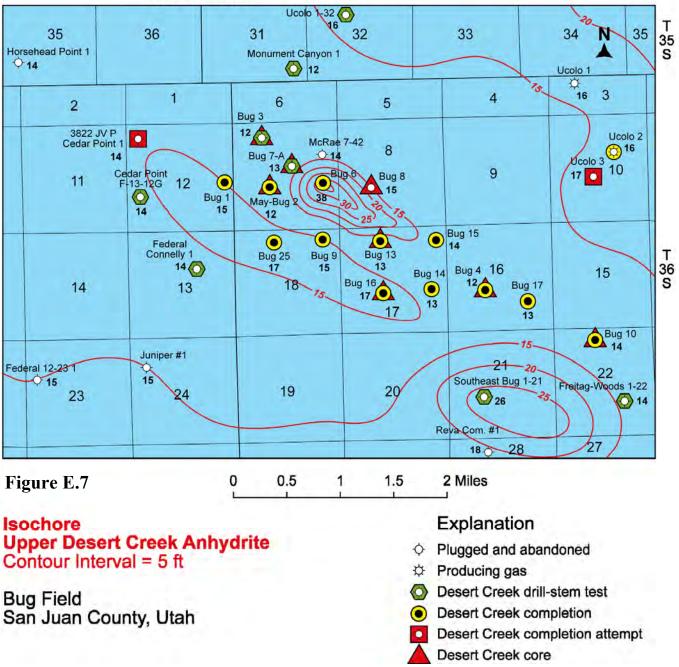


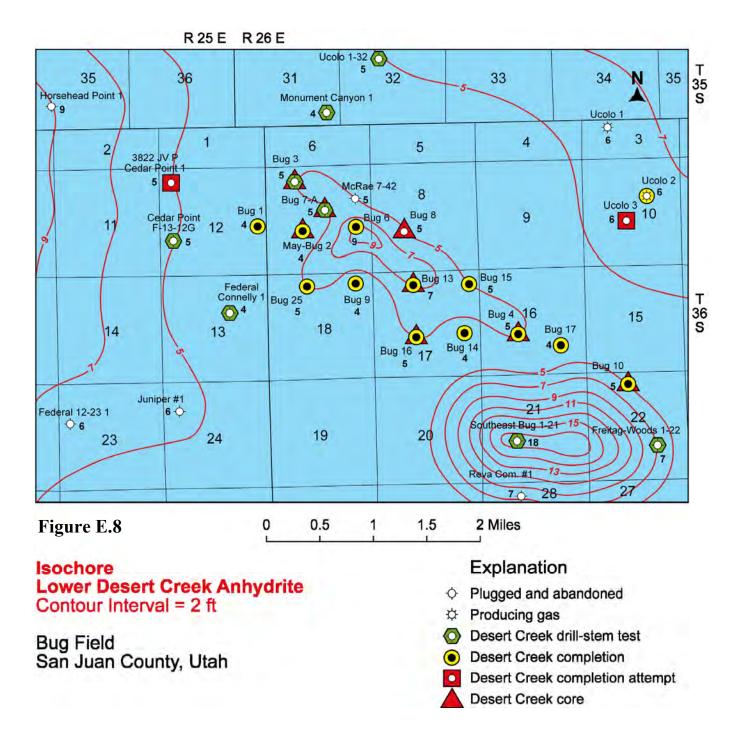


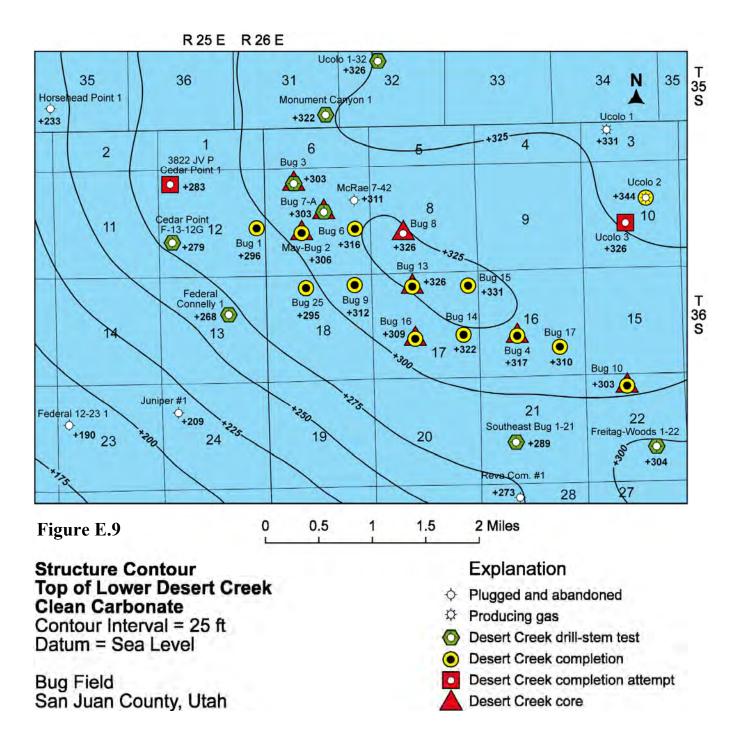


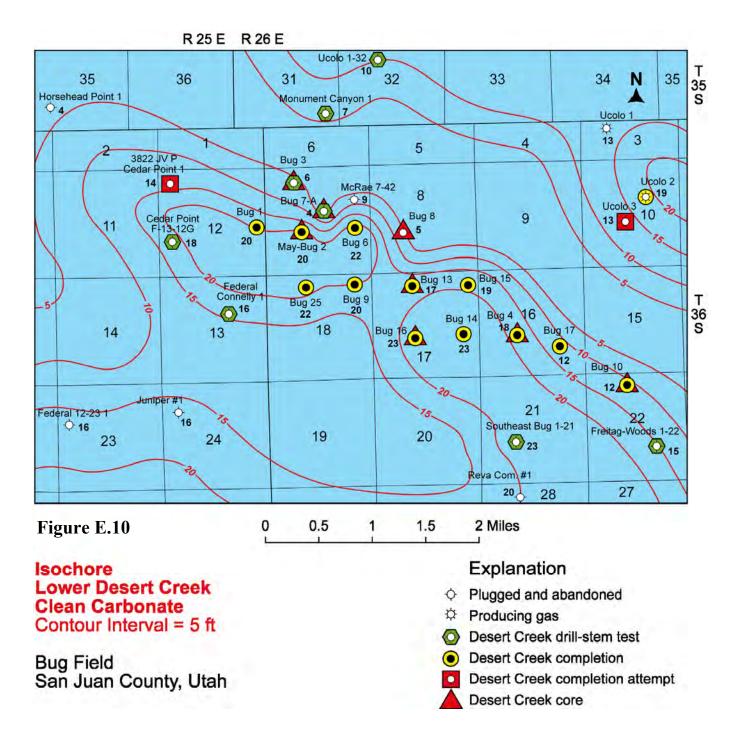




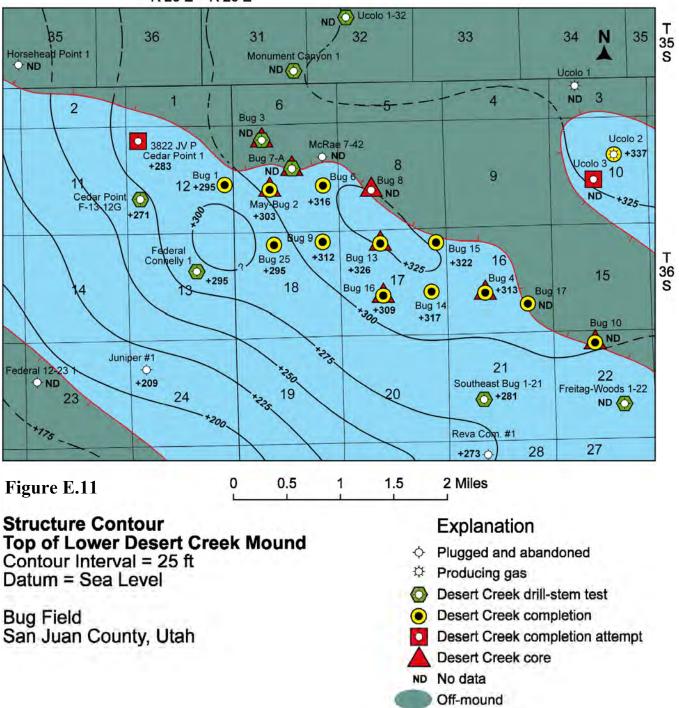


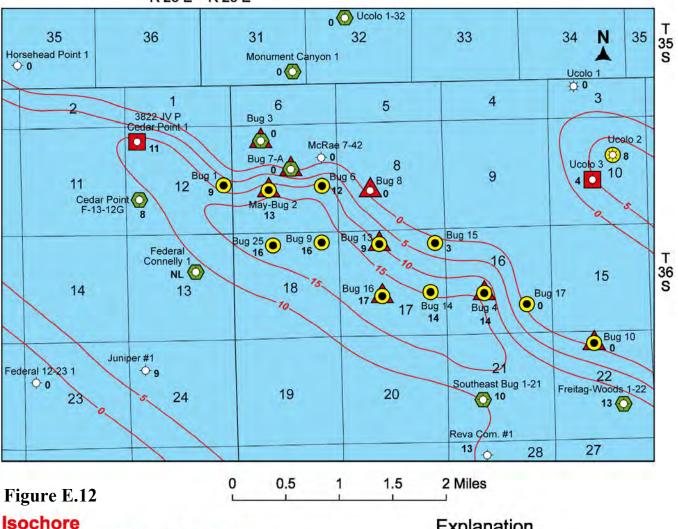






R25E R26E



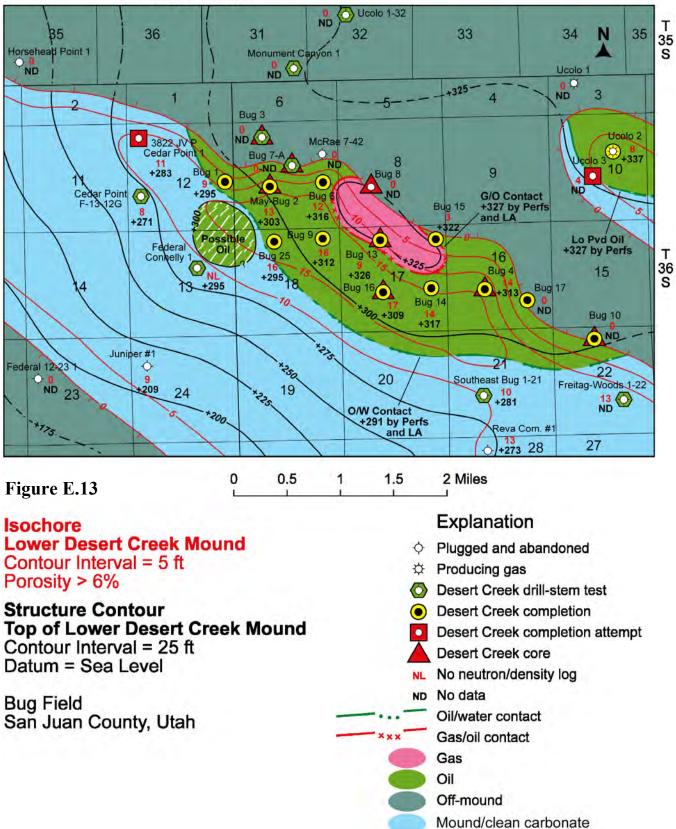


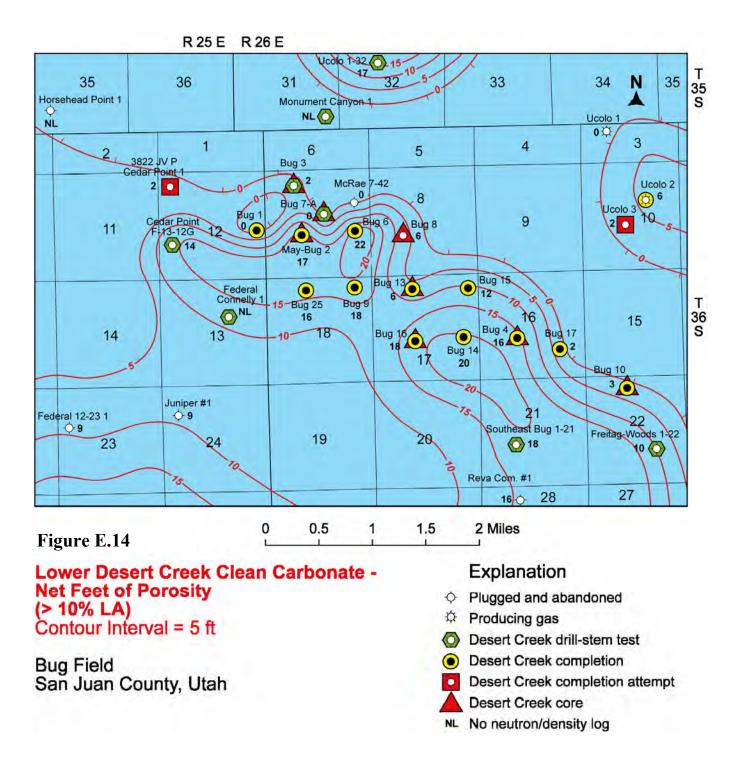
Lower Desert Creek Mound Contour Interval = 5 ft Porosity > 6%

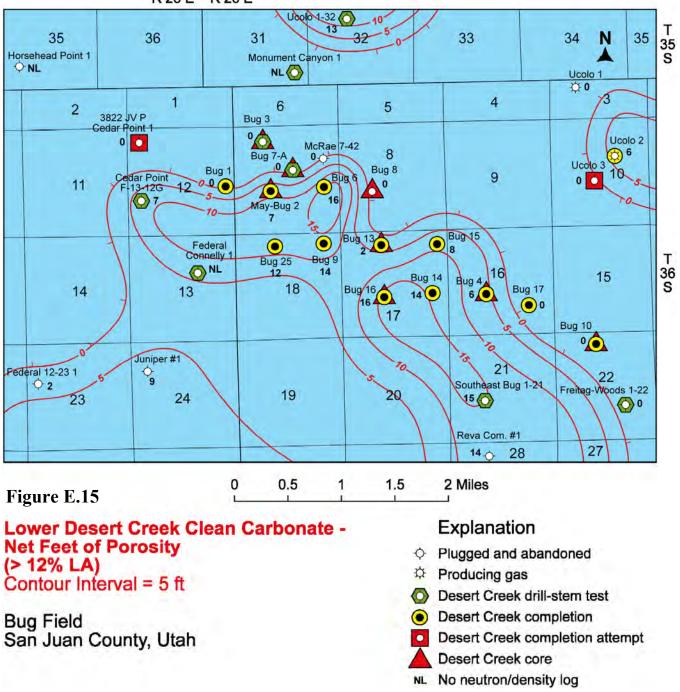
Bug Field San Juan County, Utah

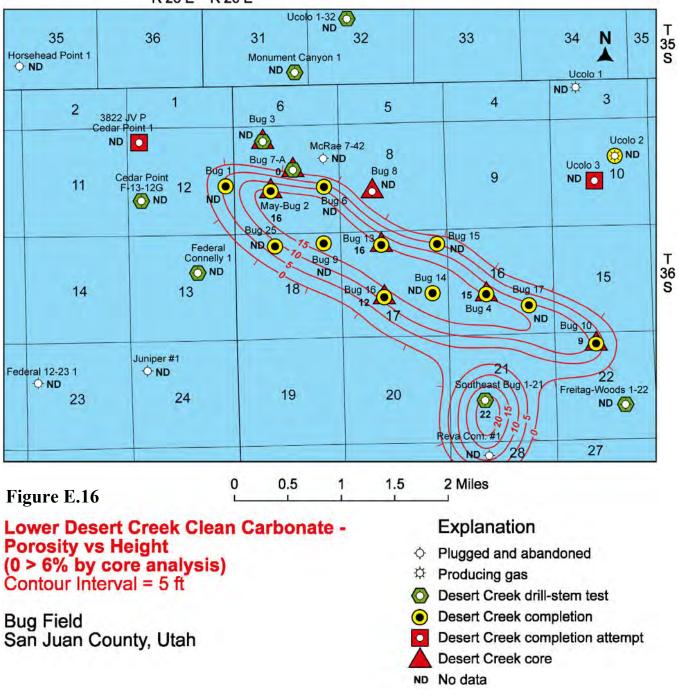
Explanation

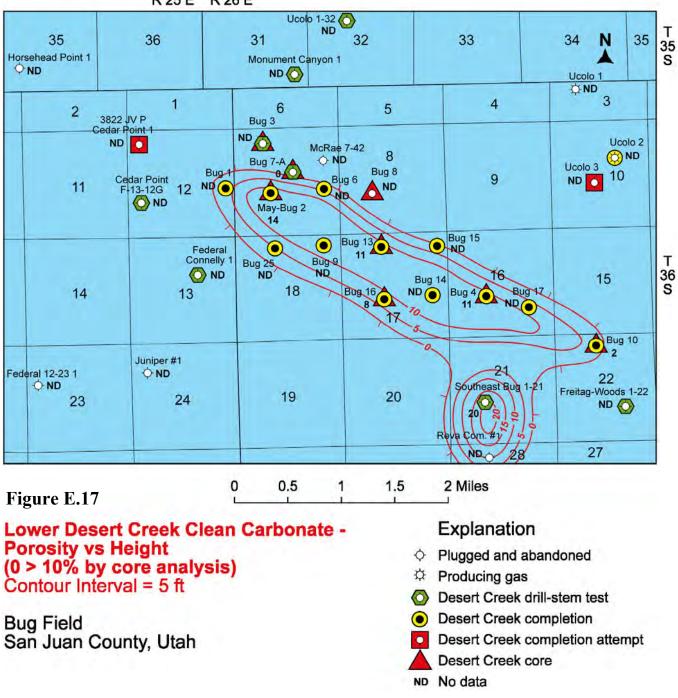
- Plugged and abandoned
- Producing gas D.
- Desert Creek drill-stem test \bigcirc
- Desert Creek completion
- 0 Desert Creek completion attempt
- **Desert Creek core**
- NL No neutron/density log

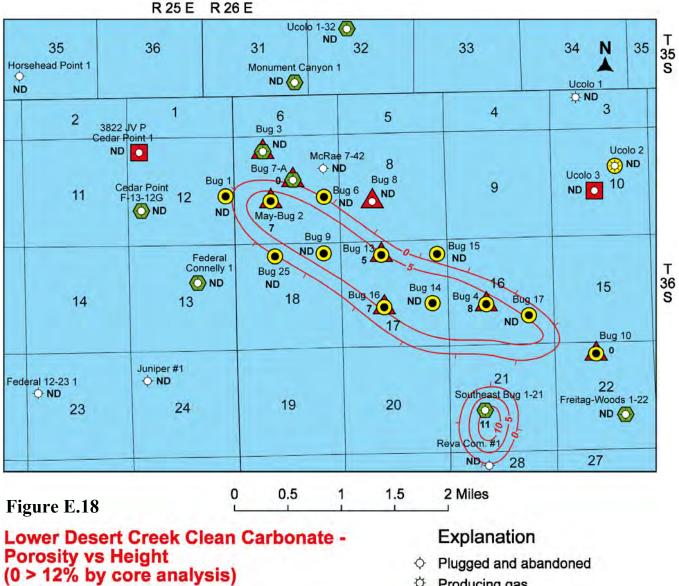








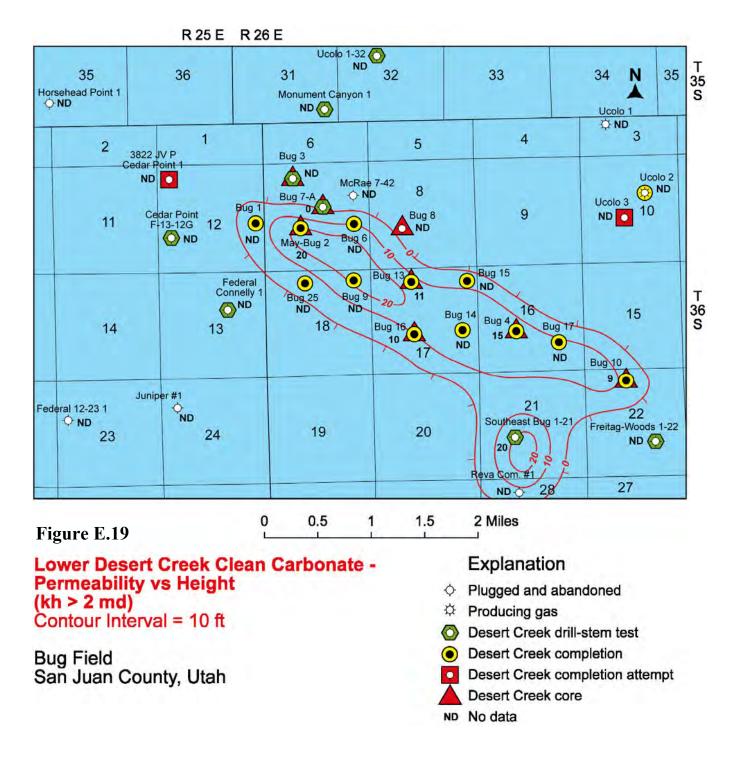


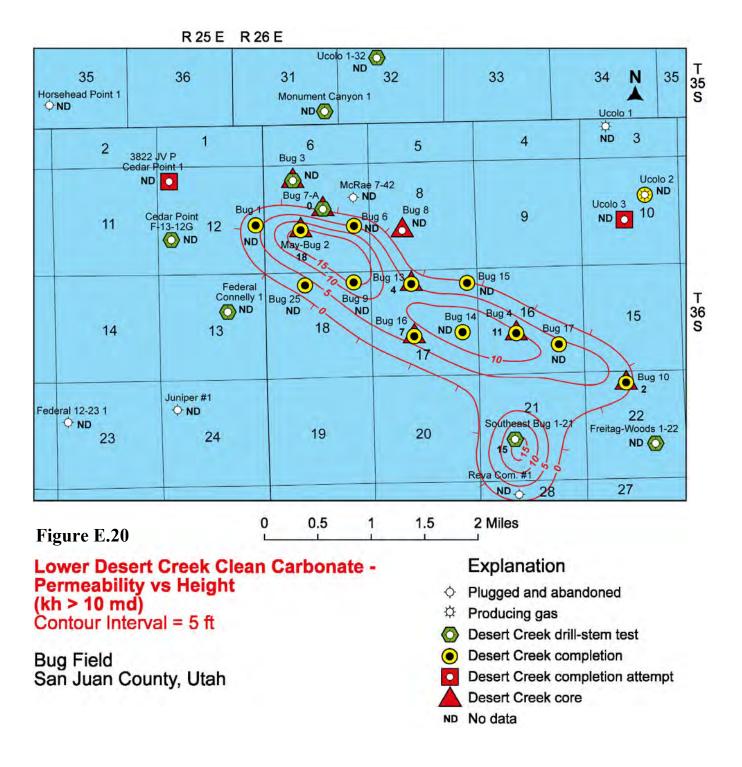


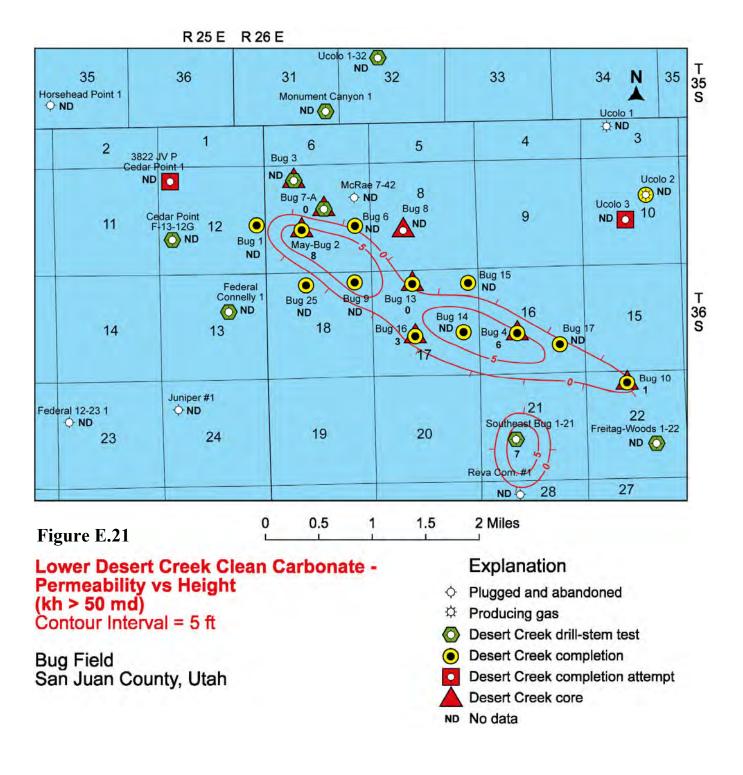
Contour Interval = 5 ft

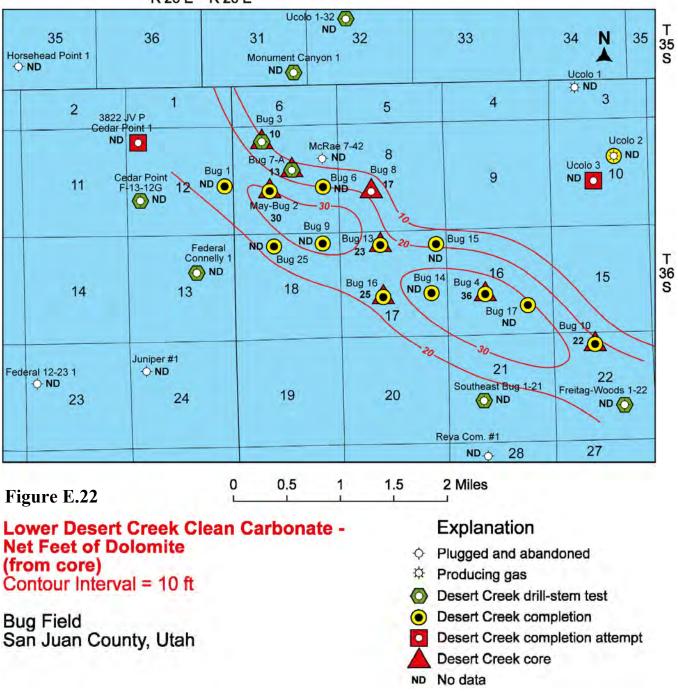
Bug Field San Juan County, Utah

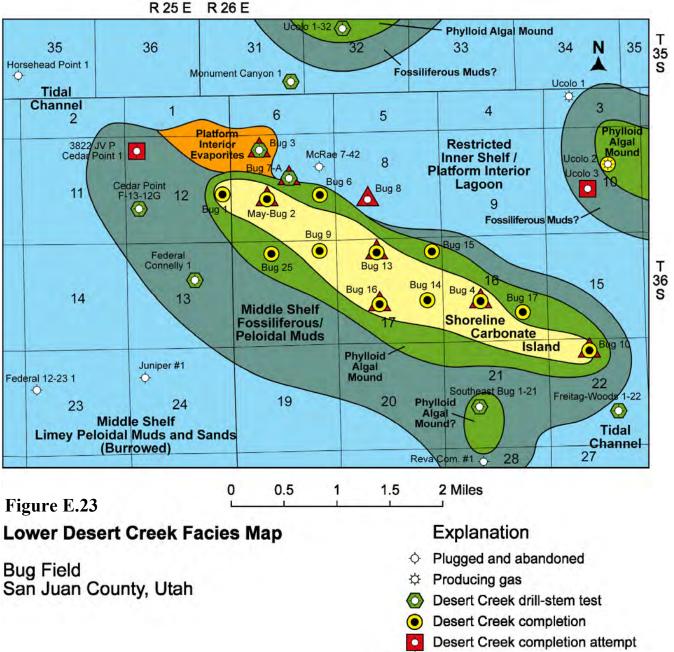
- Producing gas
- Desert Creek drill-stem test $\langle \circ \rangle$
- Desert Creek completion
- Desert Creek completion attempt
- **Desert Creek core**
- ND No data







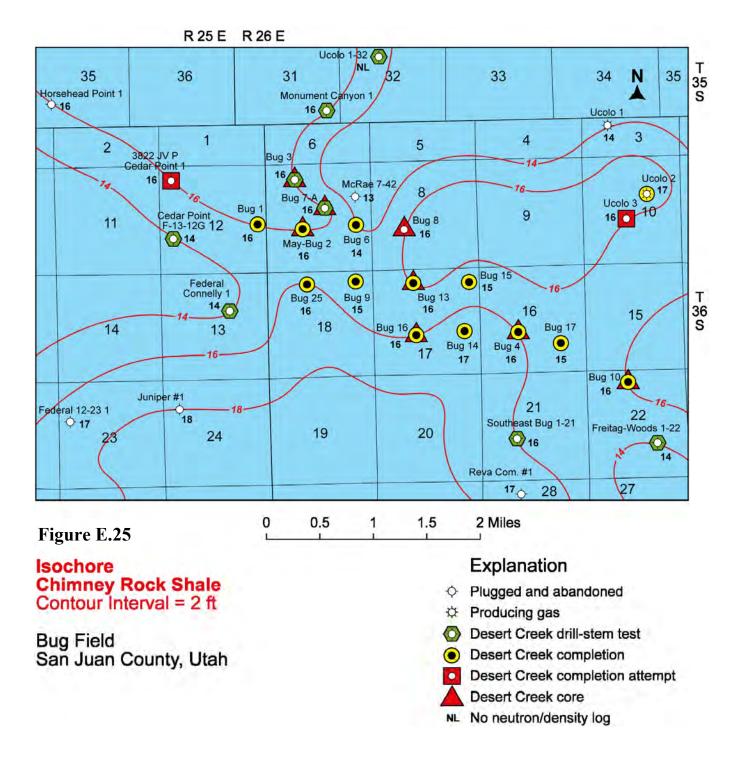


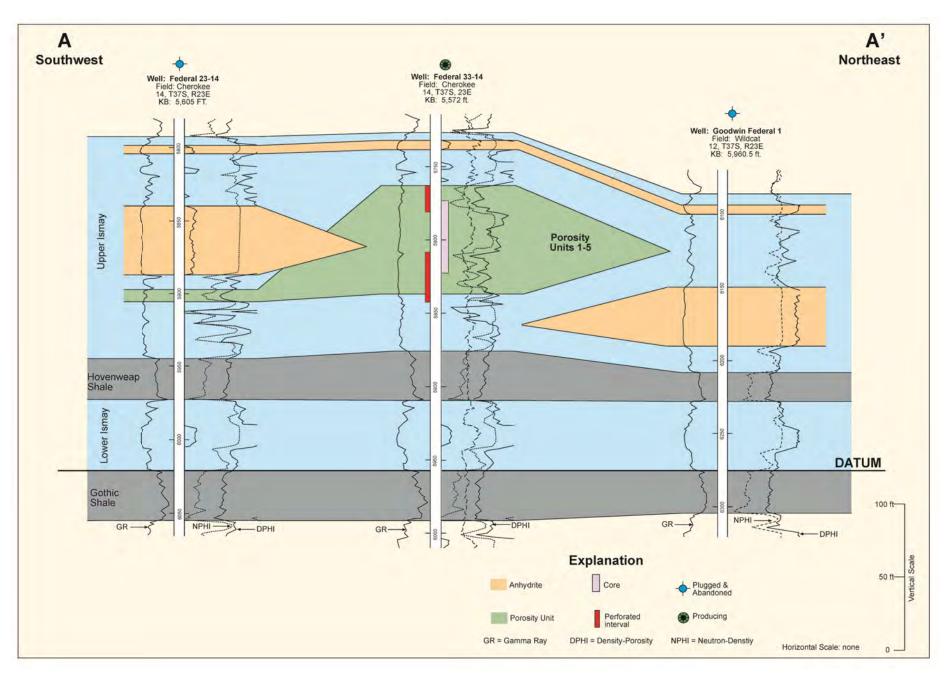


Desert Creek core

R25 E R26 E +304 Ucolo 1-32 т 35 36 31 32 33 34 Ν 35 35 Horsehead Point 1 Monument Canyon 1 S +299 Ucolo 1 Ø +307 3 4 1 6 5 2 3822 JV P Bug 3 Cedar Point 1 A+290 +260 Ucolo 2 McRae 7-42 +313 Bug 7-A +291 ··+292/ *300. 8 Cedar Point F-13-12G 12 Hay-Bug 2 +277 10 9 • 11 \bigcirc Ucolo 3 +302 Bug 8 Bug 1 +268 Bug 6 +307 +300. +282 Bug 13 Bug 15 Bug 25 +261 $oldsymbol{eta}$ +301 Federal Bug т Connelly 1 +246 16 +281 36 Bug 14 15 Bug 4 S 18 Bug 16 +273 13 +288 Bug 17 ۲ •+287 +286 17 Bug 10 +278 275. Juniper #1 ·...+184 21 Federal 12-23 +250. 22 Southeast Bug 1-21 0+165 *200. Freitag-Woods 1-22 ×175 -+225-19 20 23 24 +254 \odot +277 ×150 Reva Com. # 215 +246 27 28 0 0.5 1 1.5 2 Miles Figure E.24 Structure Contour Explanation Top of Chimney Rock Shale Contour Interval = 25 ft Plugged and abandoned Producing gas Datum = Sea Level Desert Creek drill-stem test $\langle \circ \rangle$ Desert Creek completion **Bug Field** San Juan County, Utah Desert Creek completion attempt

- A Desert Creek core
- NL No neutron/density log





E.26 Southwest to northeast stratigraphic cross section, Cherokee field, Utah. Line of section A-A' shown on figure E.28

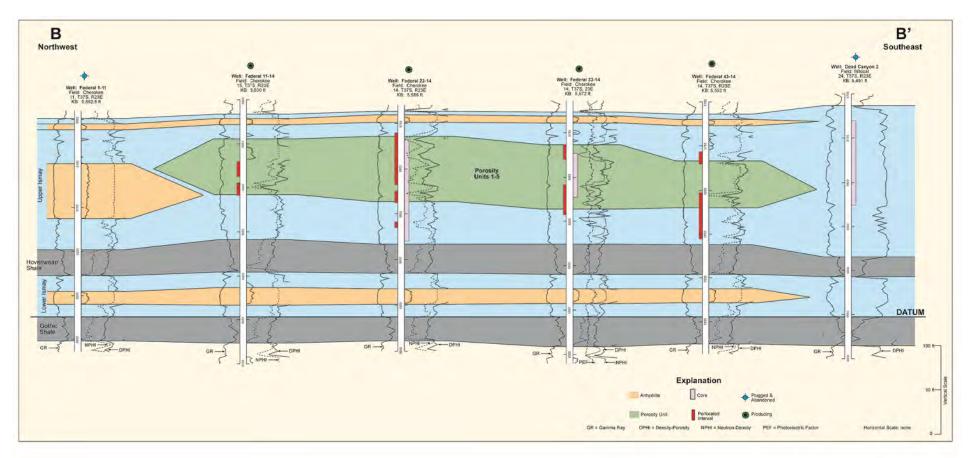
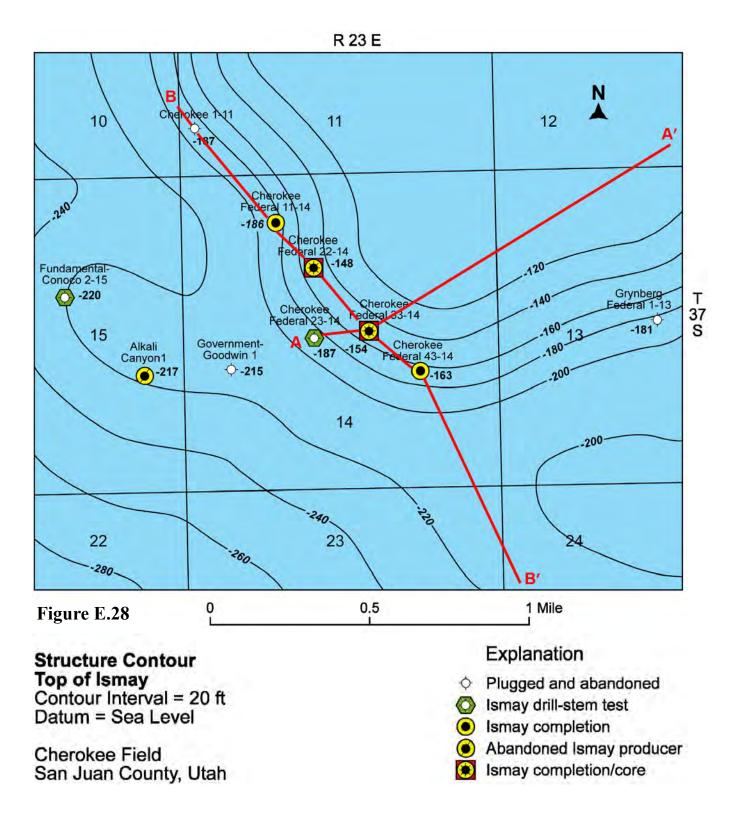
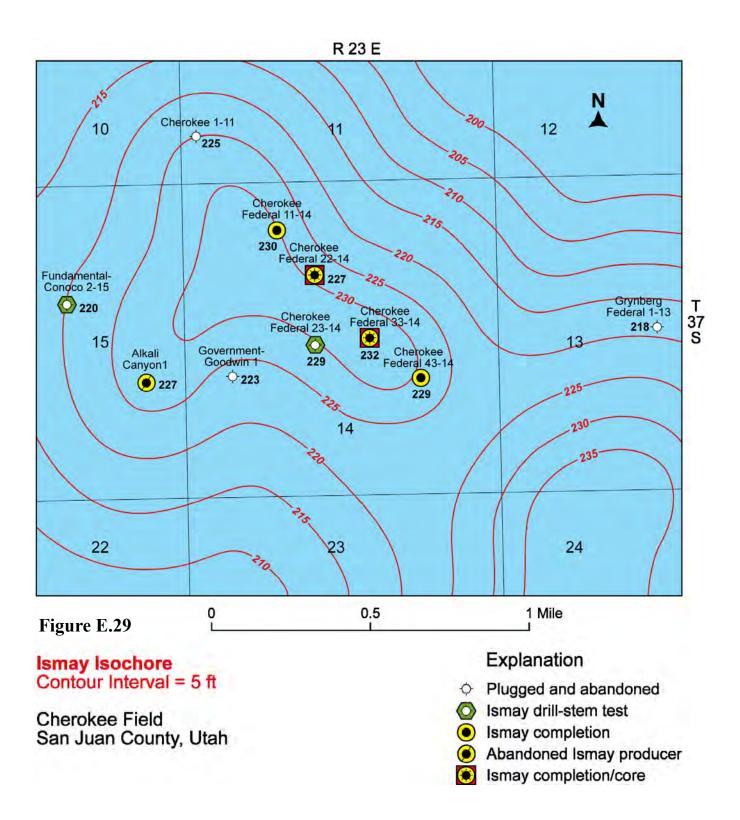
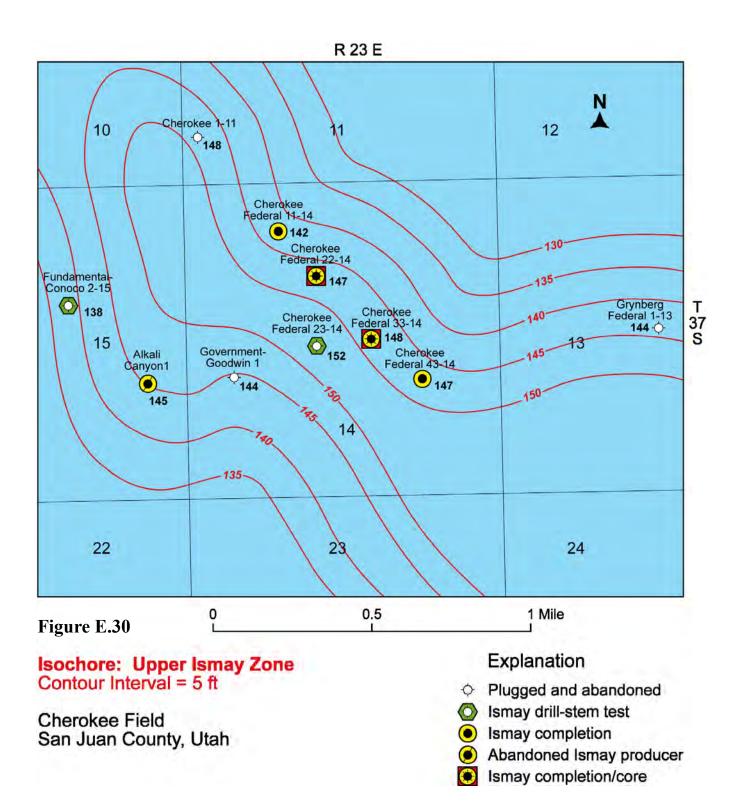


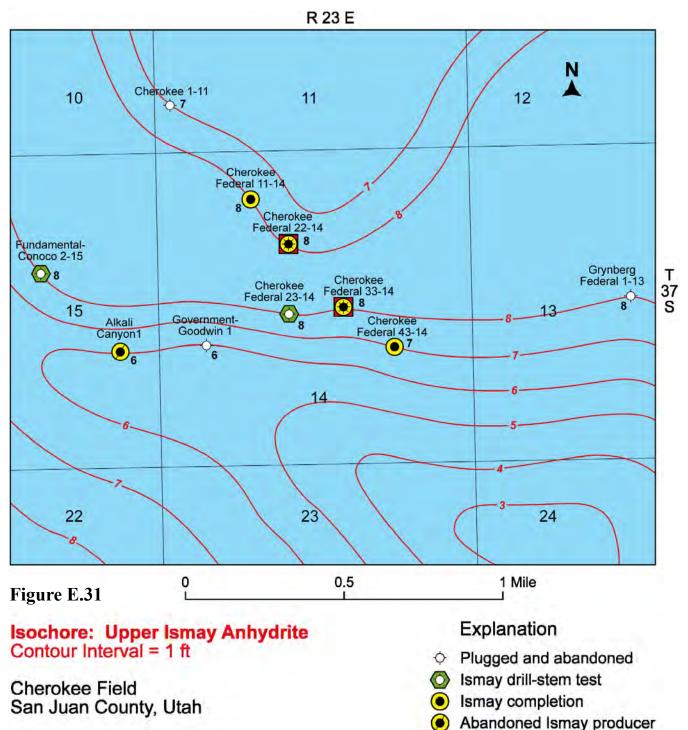
Figure E.27 Northwest to southeast stratigraphic cross section, Cherokee field, Utah. Line of section B-B' shown on figure E.28



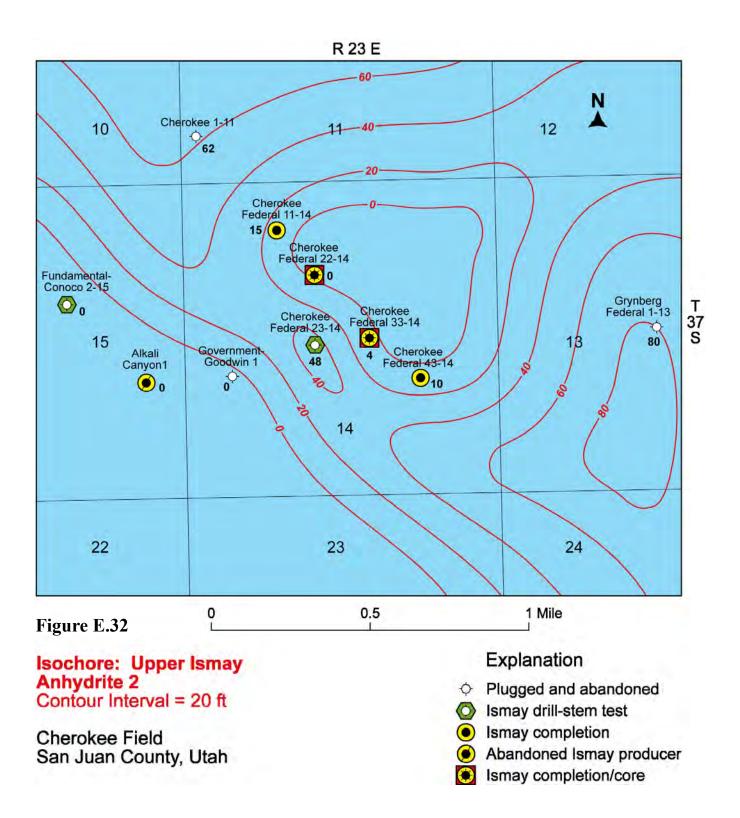
Note: Cross sections A-A' and B-B' are shown on figures E.26 and E.27, which extend beyond the edge of the map.

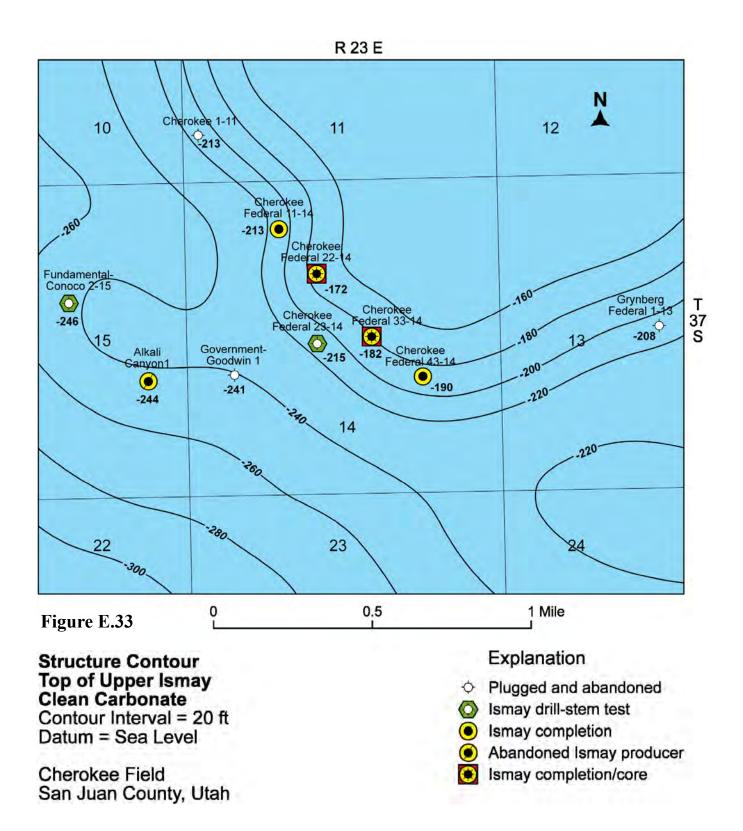


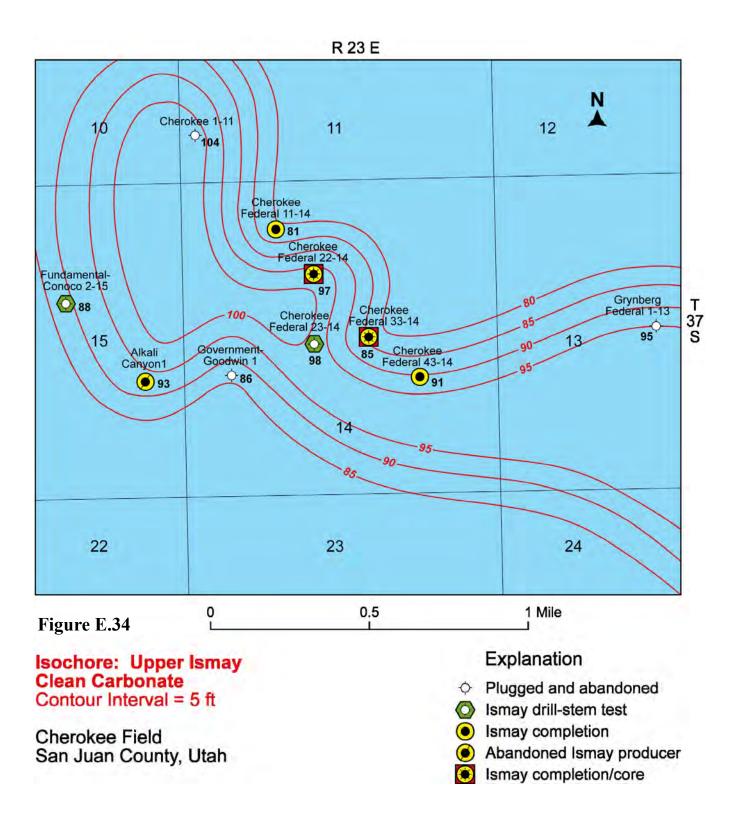


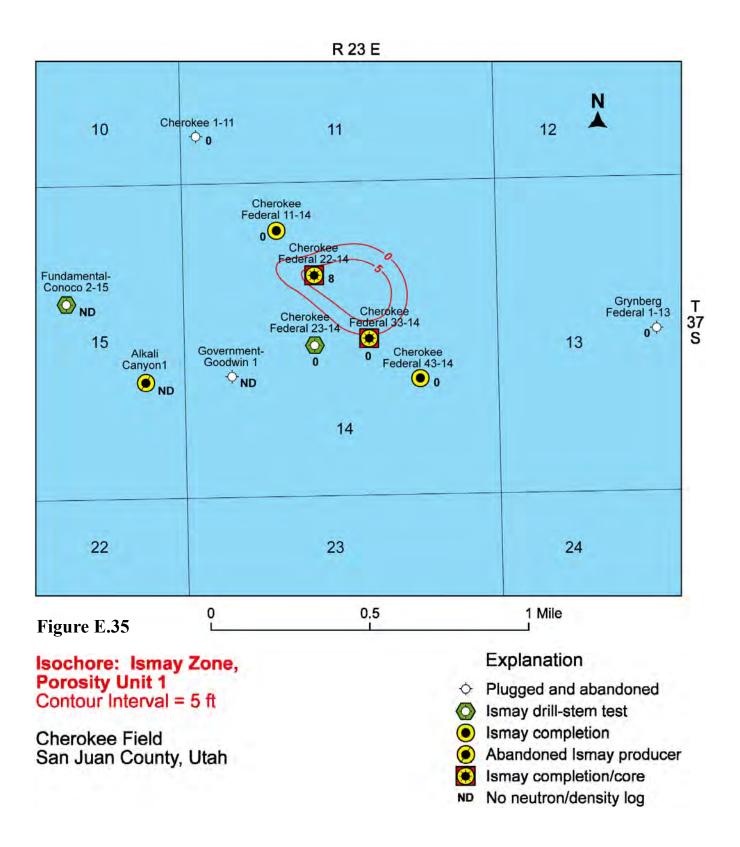


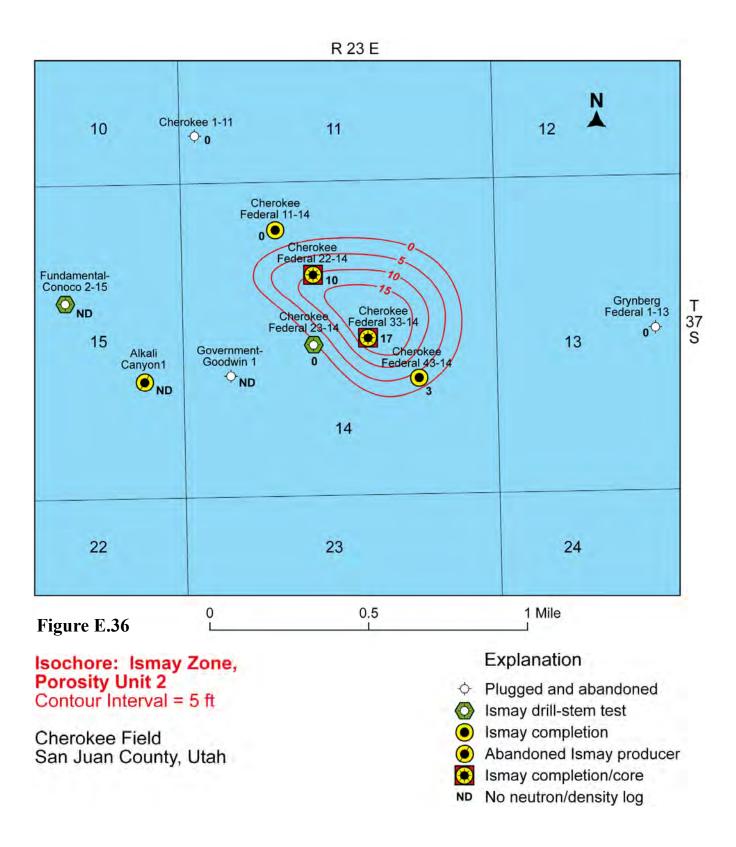
Ismay completion/core

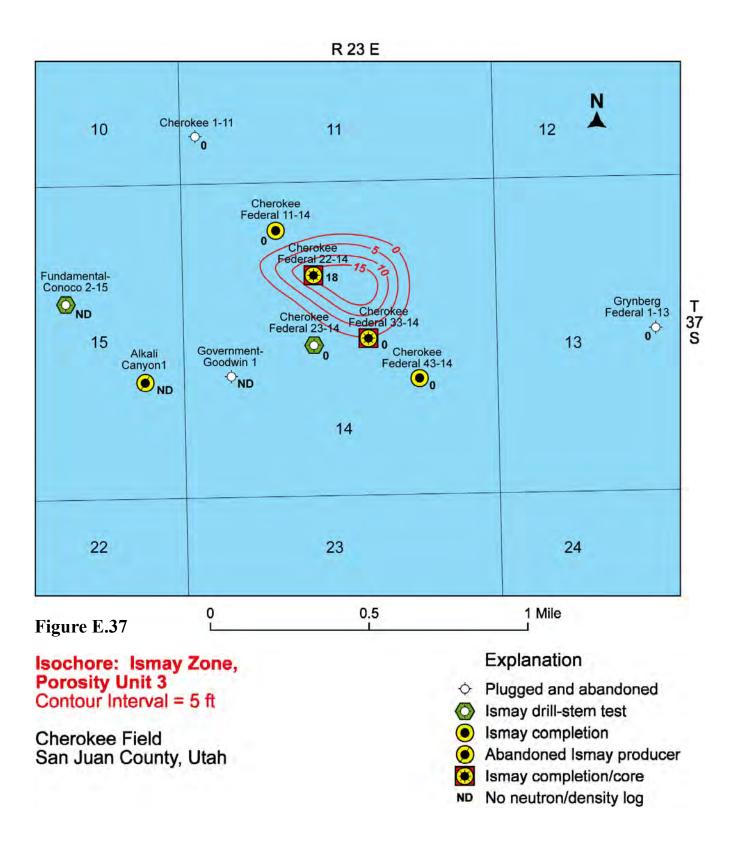


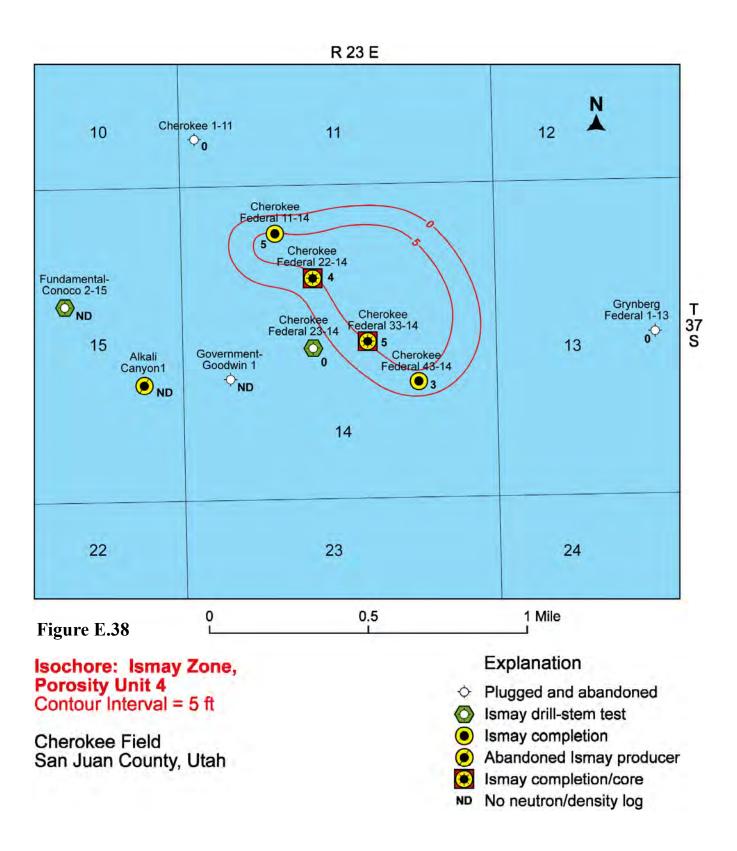


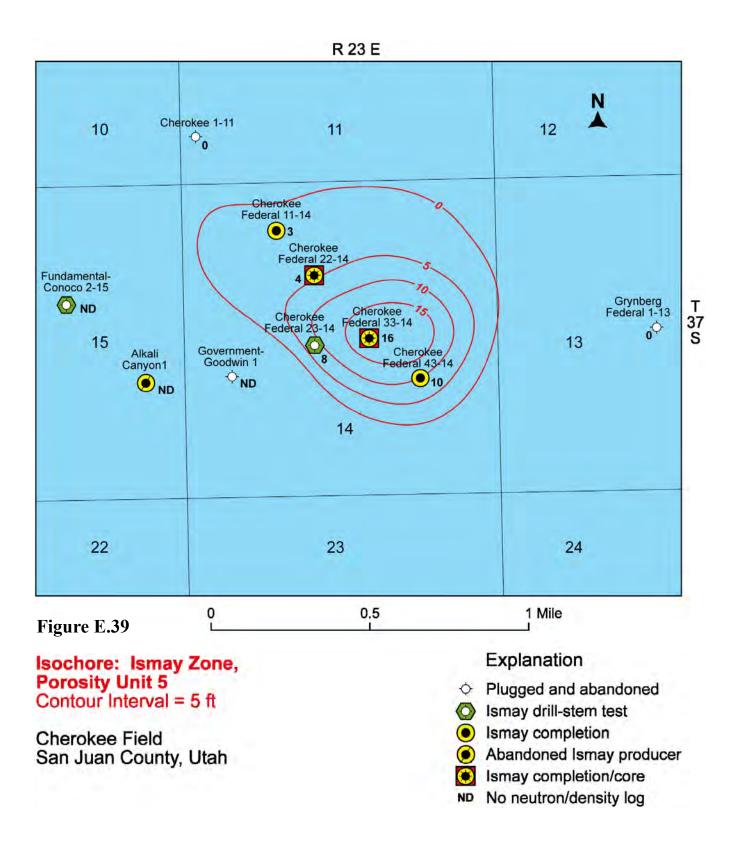


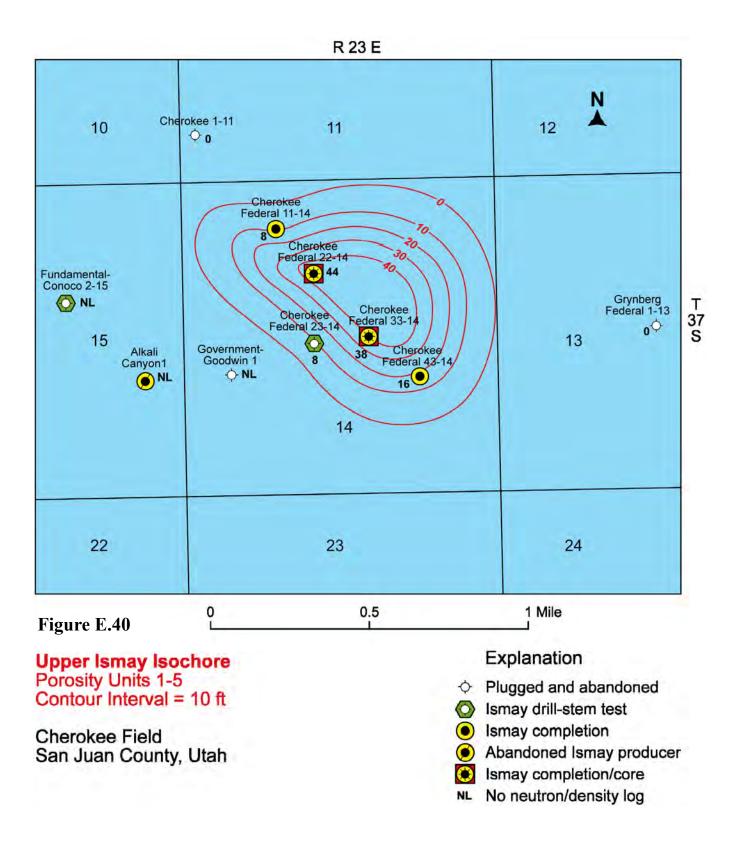


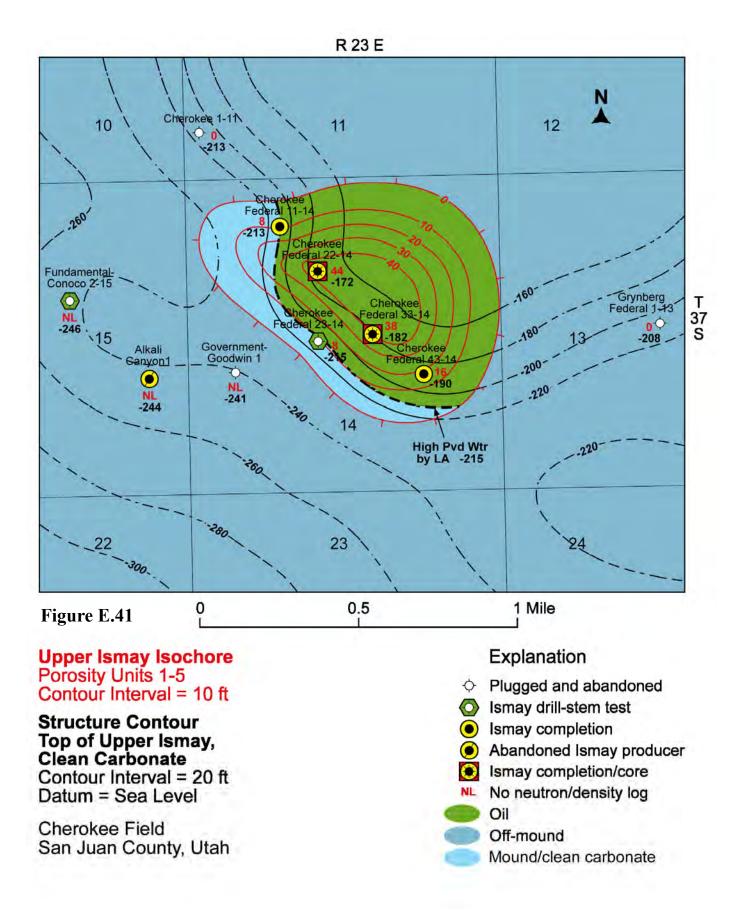


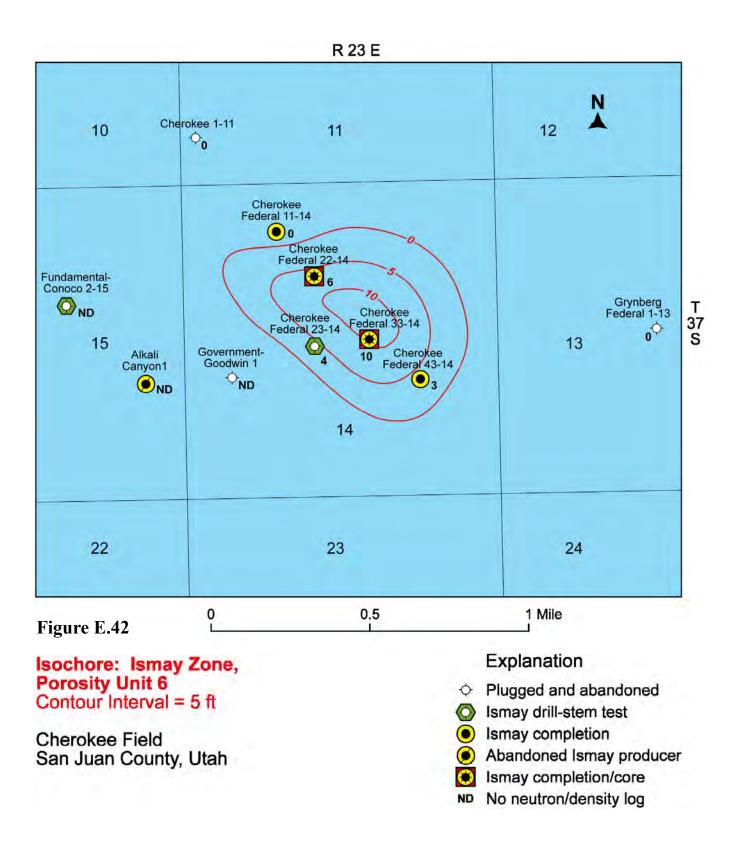


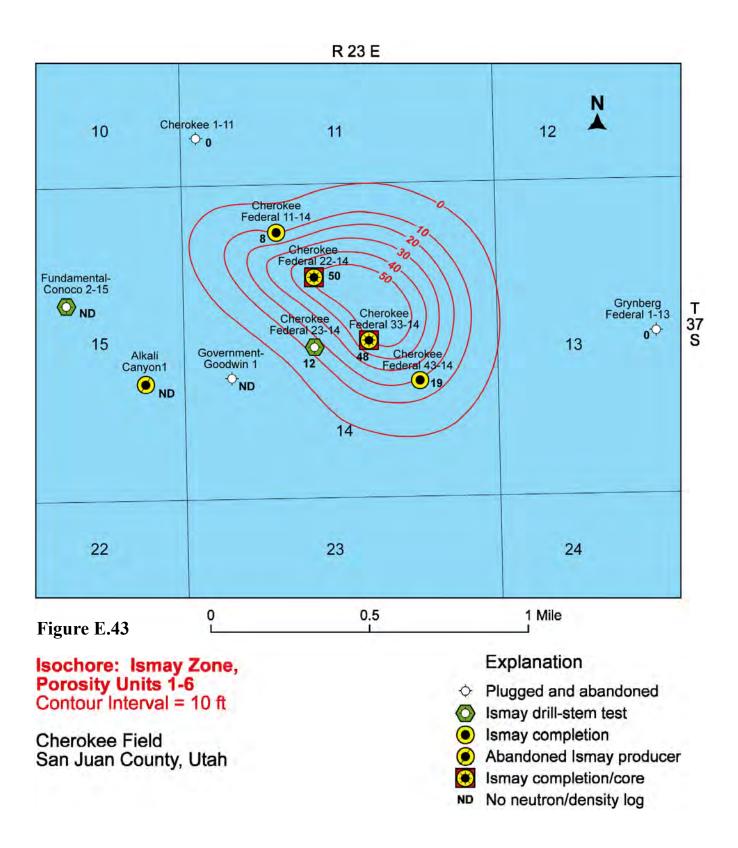


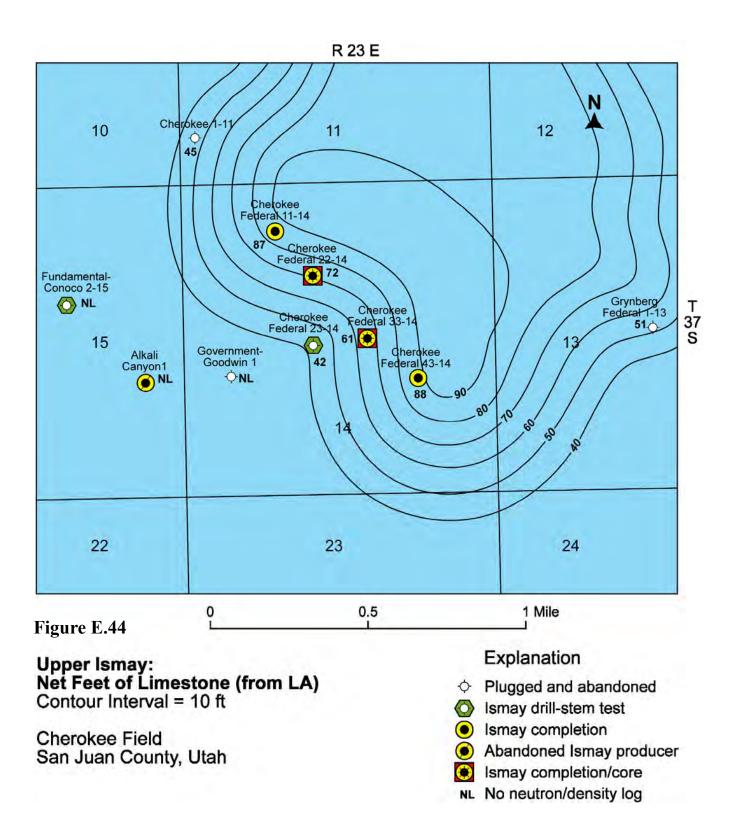


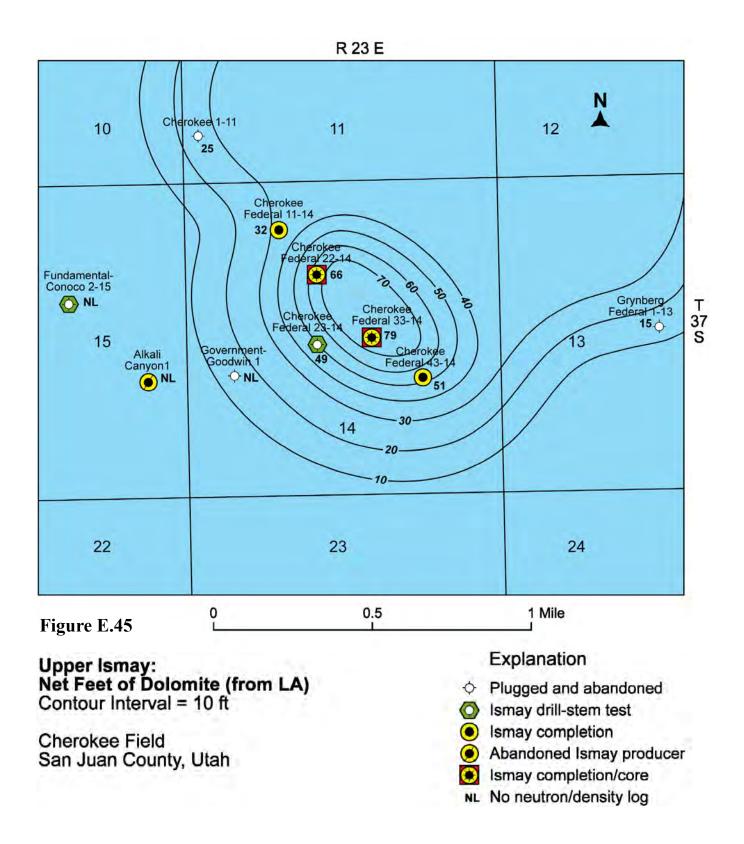


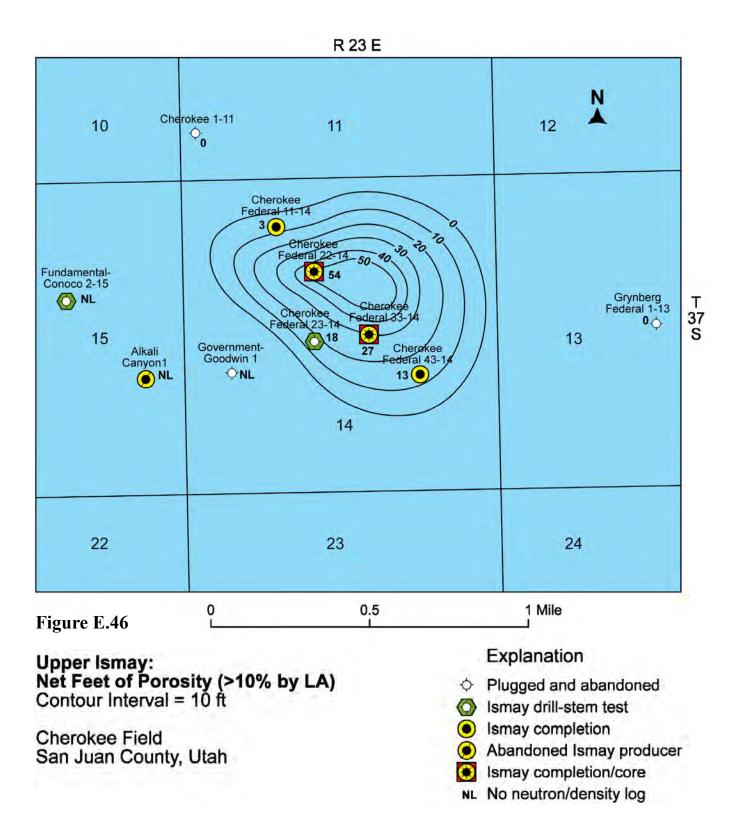


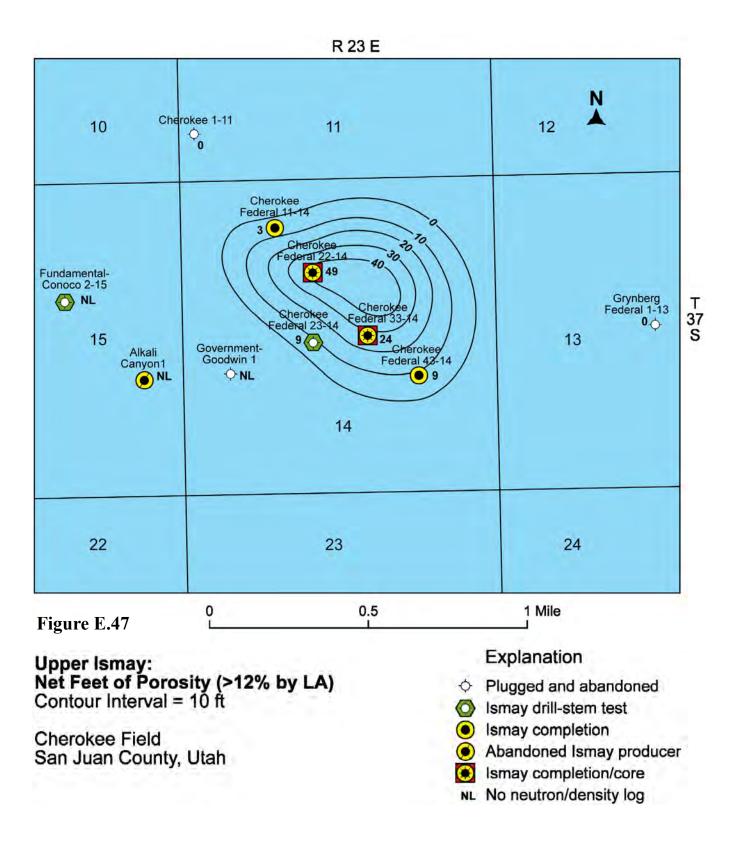


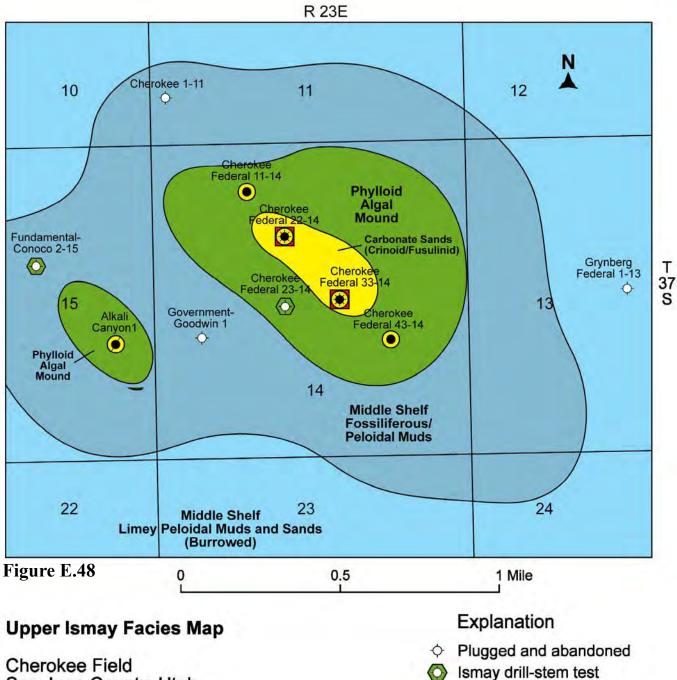










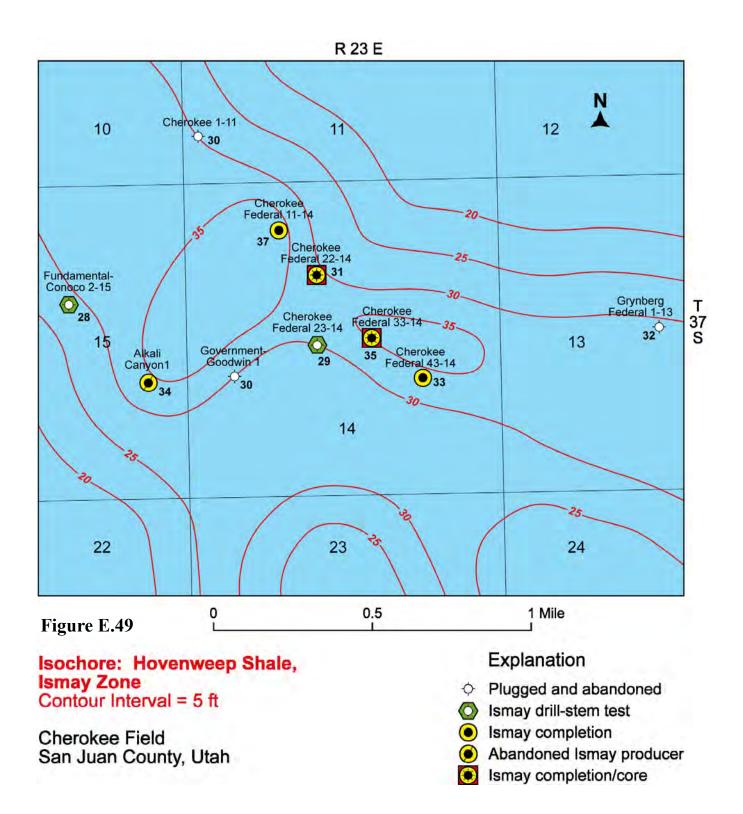


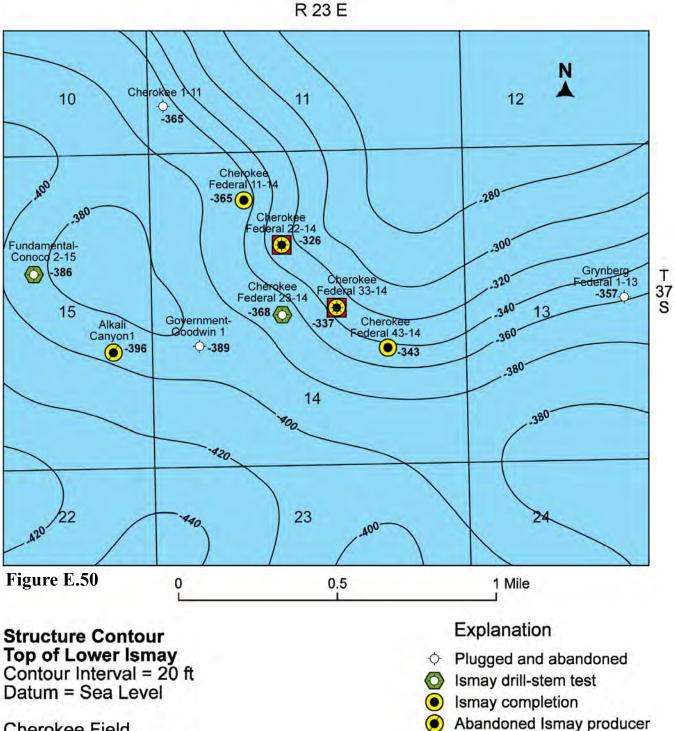
San Juan County, Utah

Ismay completion

Abandoned Ismay producer

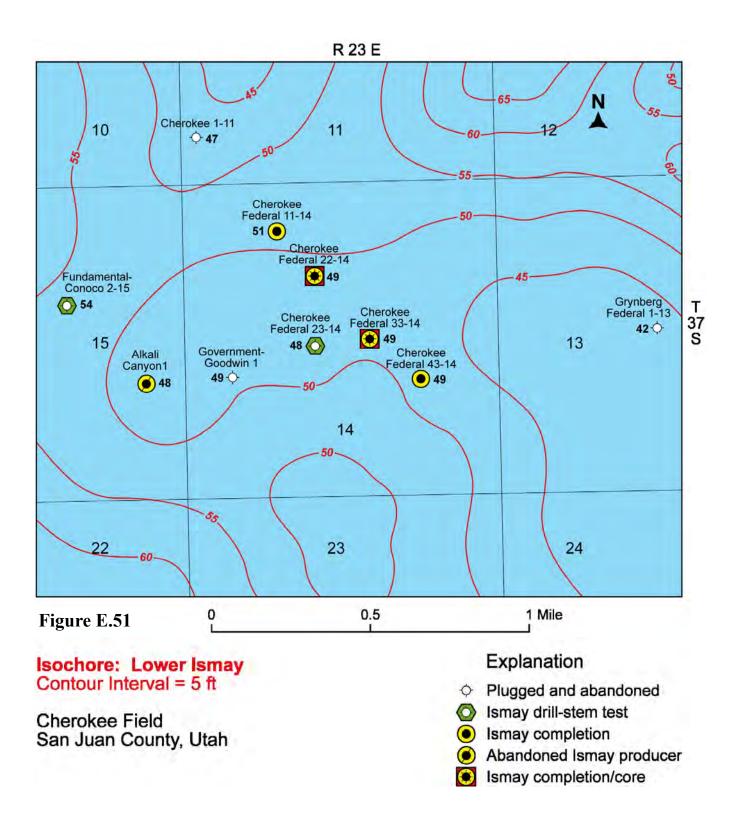
Ismay completion/core

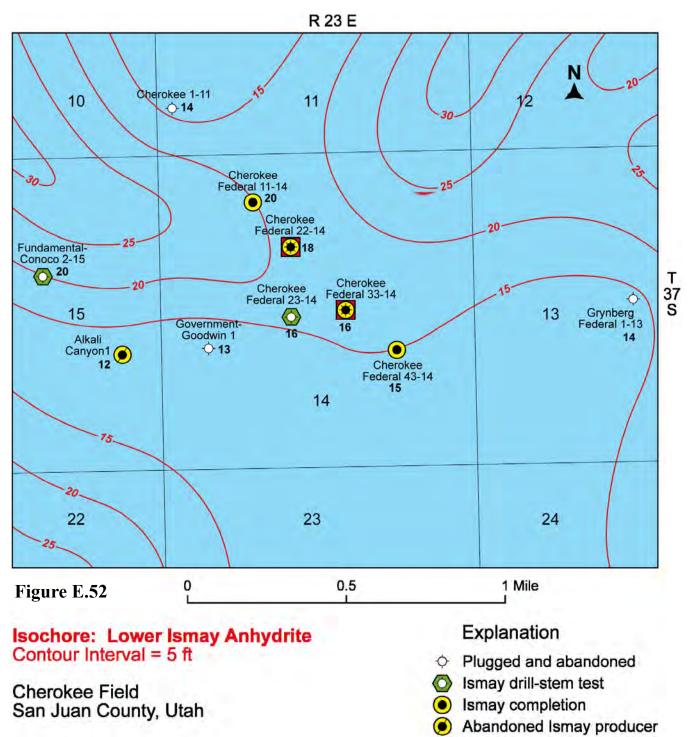




Cherokee Field San Juan County, Utah

Ismay completion/core





Ismay completion/core

