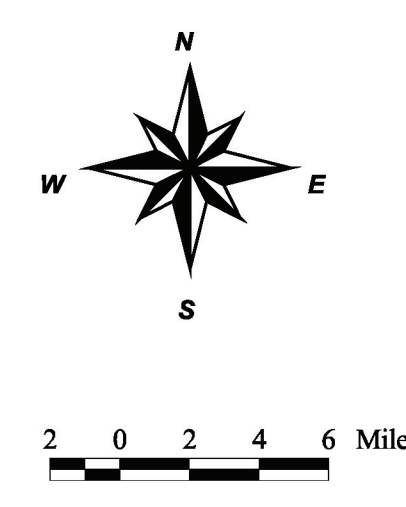


PLATE 1
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- Reservation boundary
 - - - Faults (Inferred)
 - ⋯ Kootenai Formation outcrop edge
 - ~ Structure contours on Dakota silt
Contour interval = 100 feet
- Well symbols
- ⊕ Dakota Silt Elevation to the right
 - NDE = not deep enough
 - ⊕ Dry & Abandoned
 - * Gas
 - Oil
- Only wells that penetrated Dakota Silt or deeper are shown. Structure contours are based on very limited well control, and are therefore approximate and highly interpretive (see structural geology description in text).
- Cross section A-A' shown on Plate 3.

Plate 1. Structure contour map of the top of the Dakota Silt on the Crow Reservation area.

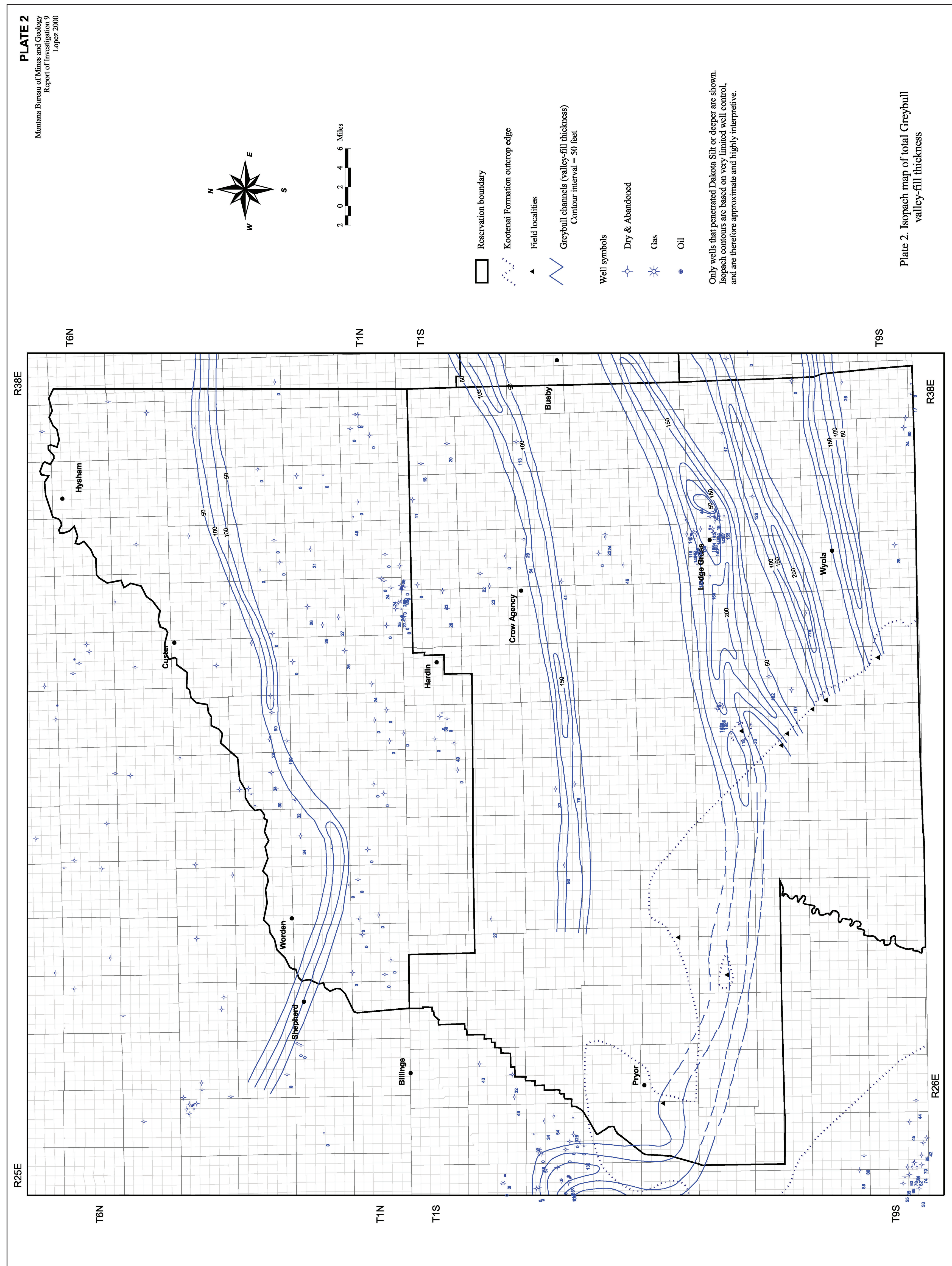
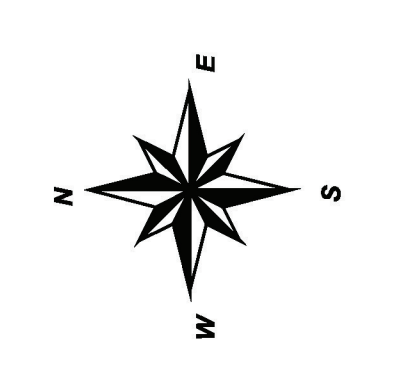


PLATE 2
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- Reservation boundary
 - ⋯ Kootenai Formation outcrop edge
 - ▲ Field localities
 - ~ Greyhull channels (valley-fill thickness)
Contour interval = 50 feet
- Well symbols
- ⊕ Dry & Abandoned
 - * Gas
 - Oil
- Only wells that penetrated Dakota Silt or deeper are shown. Greyhull channels (valley-fill thickness) are shown, and are therefore approximate and highly interpretive.

Plate 2. Logpitch map of total Greyhull valley-fill thickness

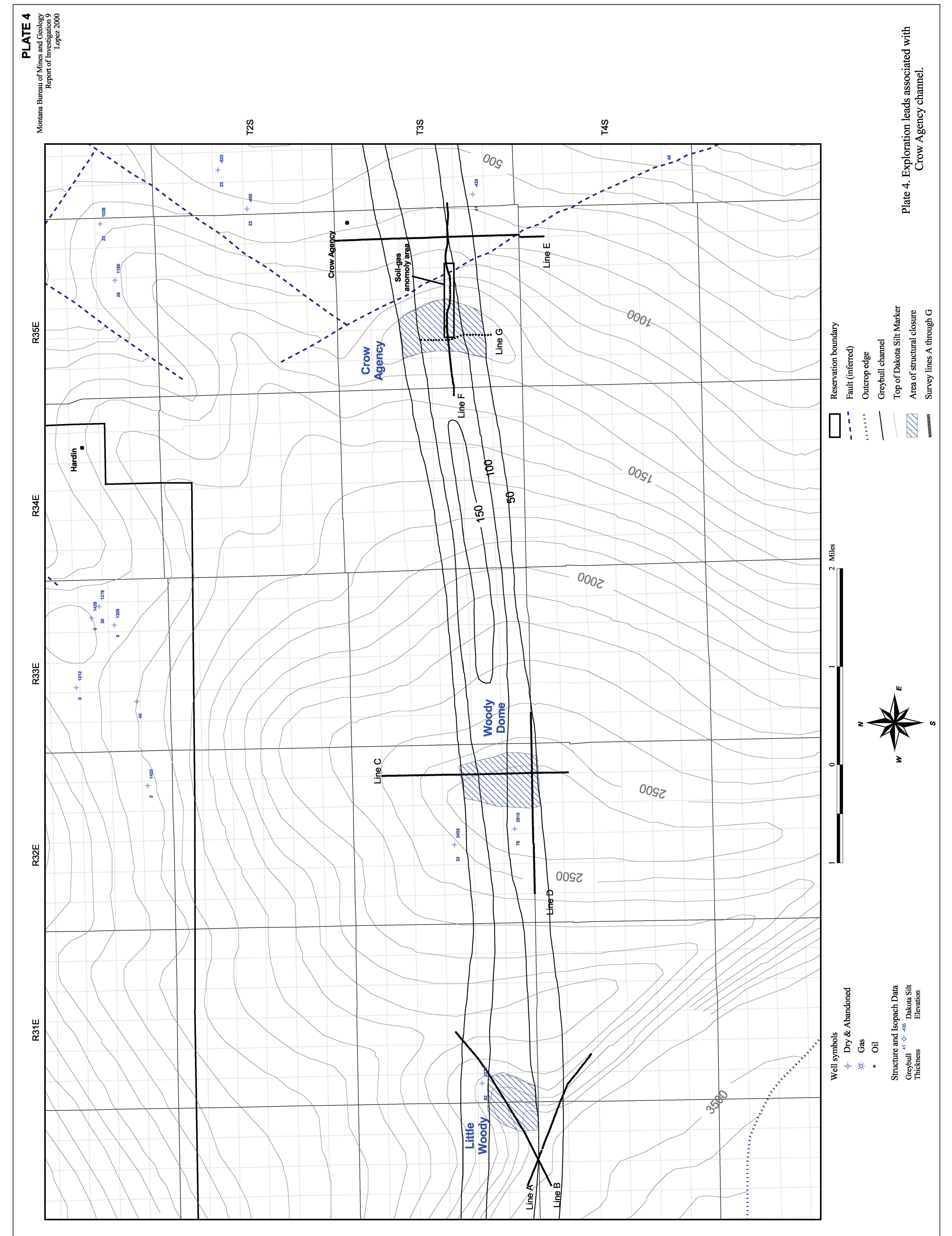
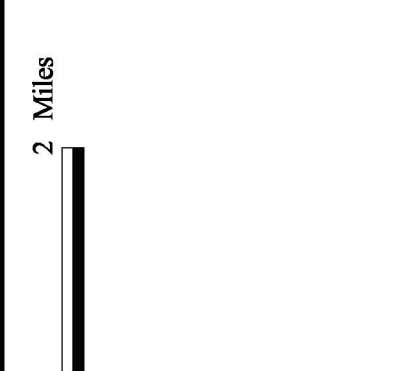


PLATE 4
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- Reservation boundary
 - - - Fault (inferred)
 - ⋯ Outcrop edge
 - ~ Greyhull channel
 - ⊕ Top of Dakota Silt Marker
 - ▨ Area of structural closure
 - ⋯ Survey lines A through G
- Well symbols
- ⊕ Dry & Abandoned
 - * Gas
 - Oil
- Structure and logpitch data
- ~ Greyhull
 - ⊕ Dakota Silt Elevation
 - ⋯ Thickness

Plate 4. Exploration leads associated with Crow Agency channel.