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"Multiple Leg Directional Drilling: A Case Study of Raft River Geothermal Well No. 3." D. Goldman, S. J. Prestwich, R. C. Stoker, J. F. Kunze and L. G. Miller, INEL. Leg 3-A was drilled below the vertical casing angling in an outward westerly direction. The resource encountered was near the maximum anticipated reservoir temperature (300°F) but was a poor producer (few fractures present). Legs 3-B and 3-C were drilled as off-shoots of Leg 3-A into more fractured areas. Drilling of the additional legs increased production approximately 380% while increasing total well cost by only 60%. Thus a low-producing well was optimized at considerable savings.