

Post-Convention Field Trip #4: Upper Cretaceous and Tertiary Rocks of the Powder River Basin: Revisited

Dates:	Thursday, June 30 – Friday, July 1
Leaders:	Rod Tillman, Mark Milliken, Romeo Flores, Russell Stands-Over-Bull
Itinerary:	Departs Best Western Ramkota Inn, Casper, WY on June 30 at 8:00 am, returns to Casper on July 1, at 6:30 pm.
Fees:	Single occupancy: \$410, Double Occupancy: \$450. After May 25 th , Single occupancy: \$480, Double Occupancy: \$520.
Limit:	26

Description: This field trip will visit spectacular outcrops showing oil and gas bearing sandstones of the Upper Cretaceous Shannon Sandstone and the Parkman Sandstone. The field trip will also visit outcrops of the coal-bed methane bearing Fort Union formation in the Powder River Basin. The field trip will leave from Casper in the morning and will head towards the oilfield town of Midwest, WY. Near Midwest, participants will visit outcrops of the Shannon Sandstone member of the Steele Shale and discuss the origin of the offshore sand development and other important features. Following lunch, the trip will visit outcrops within the historic Teapot Dome Oilfield highlighting marine low-stand systems tracts and incised valley fill deposits of the Parkman Sandstone. The trip will then head north to Sheridan, WY with stops looking at outcrops within the coal-bearing Fort Union formation along the way. Lodging accommodations will be provided in Sheridan, WY at the Best Western Sheridan Center as part of this trip. The following day will be spent looking at Fort Union outcrops along the Tongue River and other areas within the Powder River Basin coal-bed methane play.

Note: Transportation from Cheyenne to Casper will be provided on Wednesday June 29 and returning to Cheyenne on the night of June July 1st. Several rooms are available in Casper at the Best Western Ramkota Inn for a group rate of \$77 for the night before and following the field trip. Individuals will be responsible to make these reservations on their own (Ramkota Inn phone number: 307-266-6000; ask for the AAPG Powder River Basin Field Trip discount).