



NORTHERN GREEN RIVER BASIN Aeromagnetic Survey and Geophysical Analysis

EDCON-PRJ has acquired an aeromagnetic survey over the northern Green River Basin, covering 76 townships in Sublette and Sweetwater Counties, Wyoming.

The data can be used to map lineaments, edges of structural bodies, and faulting/fracturing believed to be associated with basement structure and thought to be important contributors to hydrocarbon trapping in this portion of the Green River Basin. Structural highs control some of the most significant fields discovered to date, and Paleozoic sections appear to be related to deep, reactivated basement structure. Additionally, there are indications that secondary porosity macrofracture trends have propagated a significant distance up into sections above basement faults. Intersecting basement fault trends will be more favorable for increased porosity and permeability.

The survey area is in the greater Pinedale Field area. The Wind River Mountains border the survey on the east, and the outcrops provide a reference for basement correlation. The LaBarge - Big Piney Complex on the northern part of the Moxa Arch borders the survey to the west.

SPECIFICATIONS

Flight lines	NE-SW, 0.625-mile line spacing
Tie lines	NW-SE, 2.25-miles line spacing
Elevation	500 feet above ground; draped over mountainous areas
Total mileage	Approximately 5,571
Date flown	1995

DELIVERABLES

CD-ROM with digital profile data and grids of Total Magnetic Intensity (IGRF removed) and Reduced-to-Pole Total Magnetic Intensity.

Additional filter and operator products and maps available.

PRICE

Call for quotation.

