

Central Mackenzie Valley
Geological Fieldwork 2006

NEB ID # 9237-D072-001E

Devon Canada Corporation
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Calgary, Alberta T2P 4H2

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I. Introduction

The main targets for exploration on Talisman/Devon ELs 436, 437, 438, and 439 are reservoir sands contained within the Mt Clark and Mt Cap Formations. Since these formations do not come up to the surface in the area of the exploration permits, outcrop studies were focused elsewhere. 2006 outcrops visited were located in the Mackenzie and Franklin Mountains, with exposed section along riverbanks, canyon, and exposed ridgelines.

II. Outline of Geological Fieldwork Program

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July 7-31, 2006

Area of Study:

Central Mackenzie Valley (Sahtu Settlement Area and Deh Cho Region)
NTS Map Sheets 95 O, 96 A, B, C, D, E, H

Operation:

Helicopter-supported geological mapping based out of Norman Wells, N.W.T.
Detailed study of Cambrian and Proterozoic formations, lithostratigraphic description
including biostratigraphy, and sample collection for analysis of source and reservoir rock
potential.

Operating Companies:

Devon Canada Corporation (W.I. 50 %), and Talisman Energy (W.I. 50%)

Field Party Participants:

Chris Bergquist
Dennis Johnston
Dennis Meloche
Chris Collom
Jennifer Turner
Leanne Pyle

Prime Contractor:

Sahtu Helicopters

III. Results and Interpretation.

The fieldwork was the second phase of a three-year program.

Results and interpretation are presented in the subsequent report NEB ID # 9237-D072-002E.