

defined, approximate, assumed) . Syncline (overturned; arrow indicates direction of plunge; defined, approximate assumed) . . Anticline and syncline (asymmetrical; long arrow points in direction of dip of axial surface) C17988, 26671 Fossil locality (GSC catalogue number; Calgary, Ottawa) Paleontological age (determined, indeterminate); for explanation of time symbols, see Geological Survey of Canada, MC, i Paper 76-1B, p. 263-265 Tentative formational assignment Stratigraphic section CSL : CM Well (gas, dry and abandoned)

SCHEMATIC STRATIGRAPHIC RELATIONSHIPS (Palinspastic base is approximate only) Horizontal Scale

Unconformity

Kilometres

Geology by D.K. Norris 1955, 1956, 1960, 1964, 1982 and 1985

and Petroleum Geology, Geological Survey of Canada

Base map at the same scale published by the Surveys and Mapping Branch in 1980

Copies of the topographic edition of this map may be obtained from the Canada Map Office, Department of Energy, Mines and Resources Ottawa, Ontario, K1A 0E9

> Approximate magnetic declination 1993, 18°32' East, decreasing 6.9' annually

> > Elevations in feet above mean sea level

ACKNOWLEDGMENTS

Geological synthesis based on field observations, data from

exploratory wells, and airphoto interpretation by D.K. Norris, 1955, 1956, 1960, 1964, 1982 and 1985; M.K. Dwyer in 1984 and 1985; and K.C. Richards in 1986.

SCHEDULE OF WELLS

1. Oilfield Development Co. Willow Creek No. 1 7-7-13-2W5 2. Royal Sun Pete No. 1 2-17-13-3W5

3. Phillips Savanna Creek 5-33-14-4W5 4. BA Baysel Riley 7-19-14-2W5

5. Skelly A1 Stimson 10-4-15-3W5 6. Pex Amoco Horseshoe 15-30-14-2W5

Note: Well listing is in order of spudding date

NOTE

1. Cutting samples from Oilfield Development No. 1 well suggest the presence of deformed and thickened Cardium Formation close to or at the surface in the immediate footwall of the Chimney Rock Thrust.



GEOLOGY LANGFORD CREEK

MAP 1837A

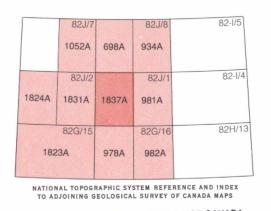
(West Half)

WEST OF THE FIFTH MERIDIAN **ALBERTA**

Scale 1:50 000 - Échelle 1/50 000

Projection transverse universelle de Mercator © Crown copyrights reserved © Droits de la Couronne réservés





MAP LIBRARY / CARTOTHEQUE

GEOLOGICAL SURVEY OF CANADA COMMISSION GEOLOGIQUE DU CANADA

SEP 7 1993

CGIC / CCIG

from the Geological Survey of Canada: 601 Booth Street, Ottawa, Ontario K1A 0E8 3303-33rd Street, N.W., Calgary, Alberta T2L 2A7 100 West Pender Street, Vancouver, B.C. V6B 1R8 Published 1993

114°15′

20'

1993: Geology and structure cross-sections, Langford Creek (West Half), Alberta; Geological Survey of Canada, Map 1837A, scale 1:50 000

Recommended citation:

114°30′