



**Summary of Local Employment and Expenditures**

**Relating to the 1988 Geophysical Survey**

by

**WESTERN GEOPHYSICAL,  
A DIVISION OF WESTERN ATLAS CANADA LTD.**

For

**MOBIL OIL CANADA, LTD.**

**FORT GOOD HOPE 3-D PROSPECT, N.W.T.**

**Report by:**

**Darrel Elliott - Party Manager**

**Work Period: March 17 - April 5, 1988**

**Calgary, Alberta**

**Party 367**

**April, 1988**

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### INTRODUCTION

The Norman Wells expediting operation consisted of two expeditors, two trucks, telephone and communication radios; a mobile trailer was used for office and sleeping quarters. Whenever possible crew members in transit stayed in this trailer. Fuel, food, aircraft and other essential supplies were co-ordinated by the expeditor for the field operations.

The fuel consumption per day was 1400 gallons of diesel fuel and 5 gallons of gasoline. Fuels and lubricants were purchased from a bulk station in Norman Wells.

Canadian Airlines Int. was utilized from southern Canada to ship both men and parts to Norman Wells. The reverse was the rule upon completion of the winter's season. Various sizes of fixed-wing aircraft and helicopter were used on a charter basis. These aircraft transported personnel, food and parts.

Weather conditions during the course of the program were normal with temperatures in the -25°C range in February. As the amount of daylight increased the temperature moderated into April. No recording production was lost due to weather conditions.

Recording started on March 29th, 1988 on the Fort Good Hope 3-D program. We continued work until program was completed on April 5th, 1988. All equipment then went on to work for another client.

**A SUMMARY OF THE 1988 MOBIL OIL SEISMIC EXPLORATION PROGRAM'S  
ECONOMIC ASSISTANCE TO THE COMMUNITY OF NORMAN WELLS AND  
RESIDENTS OF THE NORTHWEST TERRITORIES:**

**LOCAL PERSONNEL**

A total of twenty-two residents of the N.W.T. were hired by Western Geophysical for the 1988 season. Job categories were diverse as some residents have acquired job skills with previous years of service with Western. The line crew was comprised of men from Colville Lake, Fort Franklin, Fort Good Hope, Fort Norman and Norman Wells working as helpers and cable truck operators. One environmental monitor was hired with the consultation of the various hunters and trappers' associations. The expediter based in Norman Wells hired residents of the community on a casual basis when necessary.

The percentage of northern residents versus employees from Alberta calculated as 49% of the "Western" crew. Twenty-Two Thousand, Four Hundred Fifteen Dollars (\$22,415.00) was paid to northern residents in wages during the work period in which the seismic crew operated. This figure excludes the monitor's Ski-doo which amounted to One Thousand, One Hundred Dollars (\$1,100.00).

Attached is a summary of the N.W.T. residents employed during the Fort Good Hope 3-D project.

AIR SERVICE

Canadian Airlines Int. were utilized to transport personnel and equipment from Alberta to Norman Wells and the return. Approximately Thirteen Thousand Six Hundred Thirty One Dollars and Twenty-Three Cents (\$13,631.23) was expended for this service.

Local charter companies were utilized to fly men and equipment from the outlying communities and Norman Wells to the work location. Buffalo Airways, Nahanni Air, Page Flight Services and Okanagan Helicopter were used on a casual basis. The total expenditure for local charter services was approximately Fifty Four Thousand Nine Hundred Forty One Dollars and Sixty Six Cents (\$54,941.66).

CONSTRUCTION AND TRUCKING CONTRACTORS

Cat services were supplied by Borek Construction Ltd. Matco was used in town for hauling heavy equipment to the airplanes. One Hundred Nine Thousand, Five Hundred Dollars (\$109,500.00) was expended for equipment and supplies.

FUELS AND LUBRICANTS

The Imperial Oil bulk station in Norman Wells supplied diesel, gas and oils for crew consumption. Approximately Fifty-Five Thousand, Two Hundred Forty-Six Dollars (\$55,246.00) was expended for combustibles. This figure does not include aviation fuels that were purchased directly by the airline companies.

LOCAL SUPPLIERS

Hudson Bay Company supplied the field crew with food and camp supplies from their local warehouse. Approximately Twelve Thousand, One Hundred Dollars (\$12,100.00) was spent on these items.

Parts and accessories were purchased from various suppliers whenever possible. The local suppliers included Mississquoi Electric Ltd., Acklands Ltd., Inuvik Automotive Westlund Ltd., Canol Welding, Wellponic Well Services, and Norman Wells Transportation Ltd. Total amount expended to these businesses was approximately Four Thousand, Five Hundred Fifty-One Dollars and Twenty-Four Cents (\$4,551.24).

Commissary supplies purchased locally by crew members along with the taxi rides, hotel rooms and entertainment brought local expenditures up to approximately Two Thousand, Five Hundred Dollars (\$2,500.00).

CONCLUSION

The economic contribution of the Fort Good Hope 3-D to the Northwest Territories was in the neighborhood of Two Hundred Seventy-Five Thousand, Nine Hundred Eighty-Five Dollars (\$275,985.00).

The employment of 22 local residents along with supply purchases from small business contributed economically and socially to the welfare of the area.

CONTRACTORS

PRINCIPAL CONTRACTOR

Western Geophysical, A Division of Western Atlas Canada Ltd.  
2612 - 37th Avenue N.E.  
Calgary, Alberta

SUB-CONTRACTORS

Borek Construction Ltd.  
Box 870  
Dawson Creek, B.C.

Fran's Bower  
Langview, B.C.

The foregoing report is respectfully submitted by

WESTERN GEOPHYSICAL,  
A DIVISION OF WESTERN ATLAS CANADA LTD.

  
Jake Herman, Supervisor

## "FORT GOOD HOPE 3-D"

CREW #367 - 1988 MOBIL GEOPHYSICAL SURVEY

JOB #88-042

NAME (IN FULL)	HOME COMMUNITY	JOB CLASSIFICATION	MALE/ FEMALE	ANY DISABILITIES	ABORIGINAL YES/NO	VISIBLE MINORITY	TOTAL WORK DAYS	GROSS INCOME
Darrel ELLIOTT	Herschel, Sask.	Party Manager	M	No	No	No	16	\$2,880.00
Blair R. ELDER	Calgary, Alberta	Clerk	M	No	No	No	6	768.00
Dan DOOLEY	Calgary, Alberta	Observer	M	No	No	No	16	2,240.00
Walter EDGI	Ft. Good Hope, N.W.T.	Line Truck Driv	M	No	Yes	Yes	16	1,520.00
James TUTCHO	Ft. Franklin, N.W.T.	Line Truck Driv	M	No	Yes	Yes	16	1,520.00
Harvey PIERROT	Ft. Good Hope, N.W.T	Line Truck Driv	M	No	Yes	Yes	16	1,330.00
Gordon MACKEINZO	Ft. Franklin, N.W.T.	Rec. Crew Help	M	No	Yes	Yes	16	1,360.00
Charlie BEYONNIE	Ft. Franklin, N.W.T.	Rec. Crew Help	M	No	Yes	Yes	16	1,360.00
Thomas MANUEL Jr.	Ft. Good Hope, N.W.T	Rec. Crew Help	M	No	Yes	Yes	16	1,105.00
Rolly CODZI	Coleville Lake	Rec. Crew Help	M	No	Yes	Yes	10	850.00
Danny ERUTSE	Ft. Good Hope, N.W.T	Rec. Crew Help	M	No	Yes	Yes	13	1,105.00
Ricky TUTCHO	Ft. Franklin, N.W.T.	Rec. Crew Help	M	No	Yes	Yes	16	2,560.00
Steve JOUDREY	Calgary, Alberta	Vib. Technician	M	No	No	No	16	2,080.00
Darren SILVERNAGLE	Calgary, Alberta	Vib. Operator	M	No	No	No	16	2,080.00
Tim MOORE	Calgary, Alberta	Vib. Operator	M	No	No	No	16	2,080.00
Bill MCGINNIS	Darwell, Alberta	Vib. Operator	M	No	No	No	16	2,240.00
Walter ANDREW	Ft. Norman, N.W.T.	Vib. Operator	M	No	Yes	Yes	16	1,920.00
Rick LAMBRICK	Kelowna, B.C.	Surveyor	M	No	No	No	16	2,560.00
Rob PICKEN	Calgary, Alberta		M	No	No	No	2	256.00
Jean Marie GRANDJAMBE	Ft. Good Hope, N.W.T	Survey Helper	M	No	Yes	Yes	15	1,425.00
Walter PIERROT	Ft. Good Hope, N.W.T	Survey Helper	M	No	Yes	Yes	16	1,520.00
Jean P. DUOUAY	Falher, Alberta	Cook	M	No	No	No	16	1,920.00
Peter MCASTOCKER	Revolstoke, B.C.	Cook Helper	M	No	No	No	16	1,840.00
Lou BATER	Calgary, Alberta	Camp Attendant	M	No	No	No	16	1,840.00
Bernie BLOMER	Calgary, Alberta	Mechanic	M	No	No	No	16	2,800.00
Barclay JF	Calgary, Alberta	Mechanic Helper	M	No	No	No	16	2,240.00

"FORT GOOD HOPE 3-D"

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NAME (IN FULL)	HOME COMMUNITY	JOB CLASSIFICATION	MALE/ FEMALE	ANY DISABILITIES	ABORIGINAL YES/NO	VISIBLE MINORITY	TOTAL WORK DAYS	GROSS INCOME
Bob CAMPBELL	Nippiwa, Manitoba	Night Man	M	No	No	No	16	\$2,240.00
James ETCHINELLE	Ft. Norman, N.W.T.	Rec. Help	M	No	Yes	Yes	2	190.00
Raymond MOUNTAIN	Ft. Good Hope, N.W.T.	Rec. Crew Help	M	No	Yes	Yes	7	595.00
Thomas KOCHON	Coleville Lake, N.W.T.	Rec. Crew Help	M	No	Yes	Yes	6	510.00
Doug SOLONENKO	Calgary, Alberta	Surveyor	M	No	No	No	14	2,380.00
Mike HILLS	Calgary, Alberta	Survey Help	M	No	No	No	7	896.00
Wilbert KOCHON	Coleville Lake, N.W.T.	Vib. Operator	M	No	Yes	Yes	5	600.00
Elvis KELLY	Ft. Good Hope, N.W.T.	Rec. Crew Help	M	No	Yes	Yes	5	425.00
John MASUZUMI	Ft. Good Hope, N.W.T.	Rec. Crew Help	M	No	Yes	Yes	5	425.00
Rudolf KOCHON	Coleville Lake, N.W.T.	Rec. Crew Help	M	No	Yes	Yes	1	85.00
Wilfred MCNEELYJr	Ft. Good Hope, N.W.T.	Rec. Crew Help	M	No	Yes	Yes	1	85.00
Karl NAYALLY	Ft. Good Hope, N.W.T.	Rec. Crew Help	M	No	Yes	Yes	1	85.00
Gord PAGE	Calgary, Alberta	Expediter	M	No	Yes	Yes	16	1,920.00
Willy CAMPBELL	Spirit River	Cat Operator	M	No	No	No	16	3,040.00
John BEAN	Dawson Creek	Cat Operator	M	No	No	No	16	3,040.00
Shanan BEAN	Fort Saint John	Cat Operator	M	No	No	No	16	3,040.00
Alexy CHINNA	Fort Good Hope	Cat Operator	M	No	Yes	Yes	16	3,040.00
Brian MOOREMAN	Dawson Creek	Cat Operator	M	No	No	No	16	3,040.00
Dale SHUMAN	Fort Saint John	Cat Operator	M	No	No	No	16	3,040.00
Jim JASSMAN	Spirit River	Cat Foreman	M	No	No	No	16	4,000.00
Ardith HUNTER	Edmonton, Alberta	Cook	F	No	No	No	16	1,600.00