

OIL AND GAS UPDATE

Pipeline and Production Operations Training

The Pipeline Operations Training Committee (POTC) is pleased to announce two new training programs designed to prepare Aboriginal and other Northerners for careers in oil and gas pipeline and production operations.

Pipeline and Production Operations Technical Training Program

This program is focused on preparing people for employment as Production/Field Operators or Engineering Technologists. Students will begin their studies in September of 2004 with Aurora College's Pre-Technology program. In September of 2005 students will proceed to one of five selected two-year technology diploma programs at the Northern Alberta Institute of Technology (NAIT) or the Southern Alberta Institute of Technology (SAIT). Summer work placements in operations positions will be available with the industry partners of the POTC.

Pipeline and Production Operations Apprenticeship Program

This program provides apprenticeship opportunities for people interested in working as Electricians or Heavy Duty Mechanics at natural gas

production and processing sites, compressor stations, pumping stations and other facilities. Individuals will apprentice for a four-year period, with an 8-week session each year to attend technical training at Aurora College or a college in Alberta.

The application deadline for both programs is May 28, 2004.

Members of the Pipeline Operations training Committee (POTC) include:

- Aboriginal Pipeline Group
- ATCO Frontec
- Aurora College
- ConocoPhillips Canada
- Department of Indian Affairs and Northern Development
- Education, Culture and Employment
- Enbridge
- Human Resources and Skills Development Canada
- Imperial Oil Limited
- Northern Student Education Initiative
- Resources, Wildlife and Economic Development
- Shell Canada Limited
- TransCanada Pipelines Limited
- Inuvialuit Regional Corporation
- Deh Cho First Nations
- Sahtu Dene Council
- Gwich'in Tribal Council



Welcome to the 15th issue of *The Oil and Gas Update*, an electronic newsletter that provides training and activity updates related to oil and gas development in the Northwest Territories. This newsletter is published quarterly by the Department of Education, Culture and Employment in partnership with the Department of Resources, Wildlife and Economic Development, Government of the Northwest Territories.

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For more information, please contact Rory Voudrach, Coordinator, Pipeline Operations Training at (867) 777-7839 or POTC@auroracollege.nt.ca. You can also visit the POTC website at: www.auroracollege.nt.ca/potc.



Photo Courtesy of Imperial Oil Ltd.

ECE's Oil and Gas Funding Programs

Several funding programs are available through Education, Culture and Employment's (ECE's) regional Career Centres to provide training assistance to support northerners who are interested in working in the oil and gas industry. Funds are available for advanced training, general training and human resource development planning related to the oil and gas industry.

Maximizing Northern Employment – Advanced Training Initiatives for the Oil and Gas Industry

The Advanced Training Initiatives for the Oil and Gas Industry is broken down into two categories:

1. Advanced Training
2. Training-on-the-Job

There are two objectives of this initiative:

1. Increase the number of NWT workers in positions that require specialized and advanced levels of training.
2. Increase the number of NWT residents working in the oil and gas industry.

Human Resources – Oil and Gas

Funding is available for Aboriginal organizations to support human resources planning for employment and training opportunities associated with oil and gas activities.

Career Development – Oil and Gas

These funds can be used to support entry-level oil and gas training initiatives; i.e. safety training, driver training and other related oil and gas training not supported through the Advanced Training Initiatives for the Oil and Gas Industry.

For more information about ECE's training funds for oil and gas, please contact your regional Career Centre (see page 6 for contact information).

Introduction to the Natural Gas Industry

Education, Culture and Employment's Fort Simpson Career Centre recently sponsored a training event facilitated by the Canadian Energy Research Institute (CERI). Approximately 20 participants spent two days in late March learning about the Canadian natural gas industry. The course was entitled *Introduction to the Canadian Natural Gas Industry ... From Wellhead to Burner-Tip*.

Some of the topics included:

- ◆ Origins of natural gas
- ◆ Mineral rights and land acquisition
- ◆ Exploration and production
- ◆ Transportation of natural gas
- ◆ Pipeline regulations
- ◆ Natural gas consumption
- ◆ Natural gas market dynamics

Each of the participants left with an awareness and understanding of the natural gas industry within Canada and the Northwest Territories specifically.



Photo Courtesy of ECE's Fort Simpson Career Centre

Winter 2003/2004 Oil and Gas Activity

The winter exploration season has wrapped up and companies are still compiling results. There was a slight decrease in the level of oil and gas exploration and development activities across the NWT this winter with the only exception being in the Sahtu region.

Please note: The regional updates contained in the following pages are based on the *estimated* winter activity figures. Final figures will be included in the July 2004 issue of the *Oil and Gas Update*.

INUVIK REGION

Oil and Gas Training (April 2003— March 2004)

Course Name	Location	# of Participants	Course Name	Location	# of Participants
Crane Rigging	Inuvik	15	WHMIS & TDG	Inuvik	10
Workplace Skills	Inuvik	1	St. John's Ambulance Train the Trainer	Inuvik	6
Access to Trades	Inuvik	15	Construction/Pre-apprenticeship	Inuvik	1
Heavy Equipment Operator	Inuvik	12	Training-On-The-Job		
H2S Alive/Fall Safety	Inuvik	42	Renewable Resource Trainee	Fort McPherson	1
Class 5 & 7 Driver Training	Inuvik	37	HSE Specialist	Inuvik	1
Class 1 Driver Training	Inuvik	1	GIS/LMO Trainee	Tuktoyaktuk	1
Marine Emergency Duties	Fort McPherson	3	TOTAL		194
Wood Mizer	Aklavik	8			
Wildlife Monitor Training	All Inuvik region communities	40			

Winter Projects in the Inuvik Region

Proponent	Nearest Community	2D Seismic	3D Seismic	Drilling	Other Projects	Estimated Budget	Direct Employment
Chevron Canada (BP/Burlington)	Inuvik, Aklavik, Tuktoyaktuk (Ellice Island)		Taktuk Program (270 km ²)	1 exploratory well (EL 404)	Winter Roads	\$20M	50
EnCana (ConocoPhillips/Anadarko)	Tuktoyaktuk/Inuvik (Richards Island)	Corral Bay (50 km)		1 exploratory well (EL 384)	Winter Roads	\$20M	50
Mackenzie Gas Project	Gwich'in Settlement Region			Geotechnical Program		\$6M	72
TOTALS:		50 km	270 km²	2 Wells		\$46M	172

DEH CHO REGION

Winter Projects in the Deh Cho (Fort Liard & Cameron Hills)

Proponent	Nearest Community	2D Seismic	3D Seismic	Drilling	Other Projects	Budget	Direct Employment
Anadarko (Paramount)	Fort Liard / Nahanni Butte			1 new well (Netla A-77) 2 re-entries (Arrowhead-K35, F56)	70 km winter road Pipeline Studies	\$10M	80
Chevron Canada (Purcell)	Fort Liard			2 development wells (3K-29, 2M-25)		\$20M	50
Mackenzie Gas Project (Delayed)	Wrigley, Jean Marie River, Trout Lake, Fort Simpson				Geotechnical Program		N/A
Paramount Resources Ltd.	Cameron Hills (70 km south of Kakisa)		75 km ² (500 km linear)	5 wells (1 drilling rig, 1 service rig)	Gathering system	\$10M	100
TOTALS:			75 km²	6 Exploratory Wells 2 Development Wells 2 Re-entries		\$40M	230

Oil and Gas Training (April 2003— March 2004)

Course Name	Location	# of Participants	Course Name	Location	# of Participants
Geophysical Surveying	Fort Simpson	9	Pre-employment Welding	Fort Providence	6
Class 1 Driver Training	Fort Providence	6	Introduction to the Natural Gas Industry	Fort Simpson	20
Cooking	Trout Lake	7	Training-On-The-Job		
Trades Access	Fort Providence	8	Human Resource Clerk	Fort Liard	1
Class 3 Driver Training	Fort Liard	15	Administrative Assistant	Fort Liard	1
Snowcat Training	Trout Lake	3	GIS Trainee	Fort Simpson	1
Class 5 Driver Training	Wrigley	12	Construction Foreman	Fort Liard	1
Class 5 Driver Training	Jean Marie River	5	TOTAL		131
Safety Training	Fort Simpson	28			
Safety Training	Fort Providence	8			

SAHTU REGION

Winter Projects in the Sahtu

Proponent	Nearest Community	2D Seismic	3D Seismic	Drilling	Other Projects	Budget	Direct Employment
Apache / Paramount Resources	Colville Lake			4 Exploratory Wells (EL 399, EL 414 , Nogha– 2 rigs)	70 km of access roads	\$25M	100
EnCana	Tulita (Begadeh-J66)			1 Exploratory Well (Oil)	60 km of access roads	\$6M	50
Northrock Resources	Tulita			1 Exploratory Well (Oil)	75 km of access roads	\$15M	50
Mackenzie Gas Project	Fort Good Hope, Norman Wells, Tulita				Geotechnical Program	\$10M	N/A
TOTALS:				6 Exploratory Wells		\$56M	200

Oil and Gas Training (April 2003— March 2004)

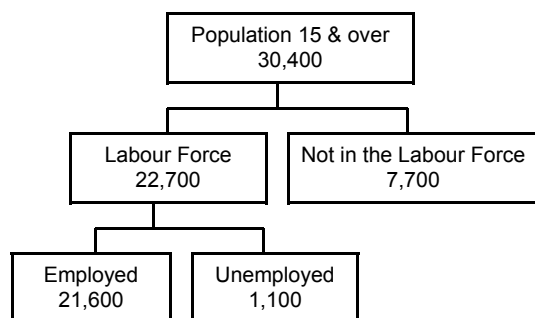
Course Name	Location	# of Participants	Training-On-The-Job	Location	#
Pumpjack Maintenance	Norman Wells	2	High Pressure Steam Truck Driver	Norman Wells	2
Oilfield Training	Norman Wells	15	Aircraft Maintenance Engineer	Norman Wells	1
Environmental Monitoring	Tulita	18	Gasfitter	Norman Wells	1
Orientation, Fall Protection, H2S Alive	Norman Wells	40	Electrician	Norman Wells	1
3rd & 4th Class Power Engineering	Norman Wells	8	Heavy Duty Equipment Mechanic	Norman Wells	1
Arctic Oil/Gas Symposium	Tulita	8	Water/Steam Truck Drivers	Norman Wells	5
			TOTAL		102

SOUTH SLAVE REGION

Oil and Gas Training (April 2003— March 2004)

Course Name	Location	# of Participants	Training-On-The-Job	Location	#
Specialized Welding	Hay River	3	Carpenters	Fort Smith	2
HEO Training	Fort Resolution	4	Carpenters	Hay River	4
Safety Training	Hay River Res.	24	Housing Maintainer	Lutselk'e	1
Training-On-The-Job			Aircraft Maintenance Engineers	Fort Smith	2
Maintenance Person	Hay River	2	Automotive Service Technician	Fort Smith	1
Building Supervisor	Hay River	1	TOTAL		45
Oil Burner Mechanic	Fort Smith	1			

NWT Labour Force Activity—April 2004



For April 2004, Statistics Canada estimates that of the 30,400 residents 15 years of age and older in the Northwest Territories, some 21,600 persons were employed. This represents an employment rate of 71.1%. Overall, NWT employment levels increased by 600 between March 2004 and April 2004.

For April, there were some 1,100 persons unemployed in the Northwest Territories, which was a decrease of 200 from March. The overall NWT unemployment rate for April stood at 4.8%. This compares with an unemployment rate for Canada of 7.6%.

On a year to date basis for the January to April period, the number of employed persons in the Northwest Territories has been, on average, 475 higher for 2004 compared to the same period in 2003.

Source: NWT Bureau of Statistics. *Labour Force Activity—April 2004*
For more information, visit: www.stats.gov.nt.ca

Northwest Territories Labour Force Activity

	Population 15 & Over	Labour Force	Employed	Unem- ployed	Not in the Labour Force	Partic- ipation Rate	Unemp- loyment Rate	Employ- ment Rate
Apr-04	30,400	22,700	21,600	1,100	7,700	74.7	4.8	71.1
Mar-04	30,300	22,300	21,000	1,300	8,000	73.6	5.8	69.3
Feb-04	30,300	22,300	21,000	1,300	8,000	73.6	5.8	69.3
Jan-04	30,200	22,300	20,700	1,600	7,900	73.8	7.2	68.5
<i>Previous years:</i>								
Apr-03	29,700	21,800	20,400	1,400	7,900	73.4	6.4	68.7
Apr-02	29,300	21,500	20,100	1,400	7,800	73.4	6.5	68.6
Apr-01	29,700	22,300	20,400	1,900	7,400	75.1	8.5	68.7

Source: NWT Bureau of Statistics. *Labour Force Activity—April 2004*

Regional Contacts

Career Centres and Canada-NWT Service Centres Education, Culture and Employment

Fort Simpson (Deh Cho Hall)	695-7334
Fort Smith (Sweetgrass Building)	872-7425
Hay River (Courthouse Building)	874-9200
Inuvik (Perry Building)	777-7323
Norman Wells (Government Building)	587-2566
Yellowknife (Joe Tobie Building)	766-5100

Resources, Wildlife and Economic Development

Hay River	874-6702
Fort Simpson	695-2231
Fort Smith	872-6400
Inuvik	777-7102
Norman Wells	587-3503
Fort Liard	770-4300
Yellowknife (Scotia Centre)	920-8691



Comments or Questions? Contact...

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