



Aarvak Services, Inc.

Project Summary

Aarvak Services has been serving the Oil and Gas Processing, Treating and Transmission industries for over 30 years. Projects may involve services of one department or a combination of all departments. Each department is structured to be independent and is capable of handling a project by itself.

Aarvak Services has provided Instrumentation and Electrical Engineering, Design and Drawing Packages, Panel Fabrication, Material Procurement, Control Systems, Field Construction, Inspection, and Start-up and Commissioning for the following, partial list of projects:

USA PROJECTS

AUDUBON

Plant: Chisholm Gas Plant

Project: Instrument pre-commissioning, commissioning and plant startup

Contractor: ETC

Location: La Grange, TX USA

CHEVRON USA, INC.

Project: Startup of a 6 MMSCFD Sour Gas, Amine Treatment Processing Facility. 25 USGP circulation of 30% DEA for removal of H₂S and CO₂, complete with Medium Steam, Amine Storage, Flare System, Acid Gas Incineration System, Electrical Metro Control System.

Contractor: Propak Systems Ltd

Location: Redwash, Utah USA

DOMINION TRANSMISSION, INC.

Plant: Lightburn

Project: Electrical construction for a new compressor station

Contractor: Propak Systems Ltd

Location: Jane Lew, WV USA

DOMINION TRANSMISSION, INC.

Plant: Hastings Run

Project: Electrical construction for a new compressor station

Contractor: MEC

Location: Lost Creek, WV USA



DOMINION TRANSMISSION, INC.

Plant: Hastings NGL Plant

Project: A 200 MMSCFD Cryogenic Turbo Expander Plant, operating at -75 degrees C it is designed to recover propane plus LPG at 99% propane recovers. The major process equipment includes: Inlet Separation, two tower Molecular Sieve Dehydration unit, a six stream Brazed Aluminum Heat Exchanger, 3277 KW Mafi-Trench Frame 3.5 Turbo Expander, and Partially Refluxed Deethanizer Unit.

Contractor: Propak Systems Ltd

Location: Pine Grove, West Virginia USA

DOMINION TRANSMISSION, INC.

Plant: Hastings NGL Plant

Project: Electrical & Instrumentation replacement and repair to the LPG Cryogenic Turbo Expander Plant due to fire damage

Contractor: Dominion Transmission, Inc

Location: Pine Grove, West Virginia USA

DUKE ENERGY CORPORATION

Plant: Egan Hub Storage

Project: Electrical & Instrumentation upgrade of an existing Gas Storage Facilities

Contractor: TKE Engineering

Location: Jennings, Texas USA **Location:** Hubbard, Texas USA

ENRON NORTHERN NATURAL GAS

Plant: Hubbard Compressor Station

Project: Complete Electrical and Instrumentation construction of new Control Room/MCC Building to the Hubbard Compressor Station

Contractor: Bluewater Construction

Location: Hubbard, Texas USA

ENRON CORPORARION

Plant: Enron Southwest Speaks Gas Plant

Project: Electrical & Instrumentation of a complete ECC installation to a new Gas Processing Plant.

Contractor: The Hanover Group

Location: Edna, Texas USA

ENRON CORPORARION

Project: Electrical & Instrumentation plant addition to an existing Gas Processing Plant.

Contractor: Nautilus E & C Inc

Location: Sublette, KS USA

EQT

Plant: Terra Compressor Station

Project: Electrical construction to a new compressor station

Contractor: MEC

Location: Mt. Morris, PA USA

EQT

Plant: Saturn West Union

Project: Electrical construction to an existing compressor station

Contractor: MEC

Location: West Union, WV USA

EQT

Plant: Orma Compressor Station

Project: Electrical construction to an existing compressor station

Contractor: MEC

Location: Orma, WV USA

EQT

Plant: Jones Compressor Station

Project: Electrical construction to an existing compressor station

Contractor: MEC

Location: West Norman Town, WV USA

EQT

Plant: Braden Run M&R Station

Project: Electrical construction to an existing M&R station

Contractor: Willbros

Location: Waynesburg, PA USA

EQUITABLE GATHERING L.L.C.

Plant: Langley New NGL Plant

Project: Electrical & Instrumentation for a new 100 MMSCFD Cryogenic Turbo Expander Plant, operating at -75 degrees C it is designed to recover propane plus LPG at 99% propane recovers.

Contractor: Propak Systems Ltd

Location: Langley, Kentucky USA

HOLNAM INC

Plant: Holnam Cement Plant
Project: Electrical Installation of High Voltage Cables
Contractor: Holnam Inc
Location: Midlothian, Texas USA

HOLNAM INC

Plant: Holnam Cement Plant
Project: Electrical construction to an existing Cement Plant
Contractor: Lentjes Bisohoff Ltd
Location: Midlothian, Texas USA

HUNT OIL

Plant: Fairway Gas Plant
Project: Electrical construction to an existing compressor station
Contractor: Schwob
Location: Poyner, TX USA

LG&E

Plant: Center Compressor station
Project: Electrical construction to a new compressor station
Contractor: MEC
Location: Horse Cave, KY USA

LG&E

Plant: Magnolia Compressor Station
Project: Electrical construction to a new compressor station
Contractor: MEC
Location: Magnolia, KY USA

LONE STAR

Plant: Jackson Co Gas Plant
Project: Instrument pre-commissioning, commissioning and plant startup
Contractor: ETC
Location: Ganado, TX USA

OCKLAND PIPELINE COMPANY

Project: Electrical and Instrumentation installation to a Sulphur Recovery Unit for Removal of H₂S and CO₂, Amine Treatment, Dehydration and Processing 80 MMSCFD.
Contractor: T.H. Russell Company
Location: Buffalo, Texas USA



REGENCY GAS

Plant: Kenedy Gas Plant

Project: Instrument pre-commissioning, commissioning and plant startup

Contractor: ETC

Location: Karnes City, TX, USA

SHELL WESTERN E&P

Plant: TXL Gas Plant

Project: Provide Project Inspection Services to TXL gas plant addition replacing existing refrigerated lean oil absorption process with Cryogenic Process, front end treating and compression to be used for third stage of inlet gas compression to feed Cryogenic facility.

Contractor: Propak Systems Ltd

Location: Notrees, Texas USA

TECO GAS PROCESSING FACILITIES

Plant: Livingston Gas Plant

Project: Electrical and Instrumentation installation to a New 100 MMSCFD Cryogenic Turbo Expander Facility to recover NGL's with 74% Ethane Recovery 160 degrees F.

Contractor: Propak Systems Ltd

Location: Livingston, Texas USA

TEXAS EASTERN TRANSMISSION

Project: Electrical and Instrumentation installation to a MCC Change-out and Cooler Addition

Contractor: Ranger Plant Construction

Location: Oran Missouri USA

THE HANOVER GROUP

Project: Complete Electrical & Instrumentation EPC upgrade of a 3 MMSCFD Gas Processing Plant

Contractor: The Hanover Group

Location: Garwood, Texas USA

UNION PACIFIC RESOURCES

Project: Provide Electrical & Instrumentation Inspection for a 46,000 USG Debutanizer Facility in addition to an existing Processing Plants. Construction included all modifications.

Contractor: Propak Systems Ltd

Location: Coalville, Utah USA

WESTERN GAS RESOURCES, INC

Plant: Pinnacle Gas Treating, Inc.

Project: Complete Instrument and Electrical Design of Control Systems and complete I&E Drawing package and As-Built, Calibration, and Start-up assistance of 350 MMSCFD Sour Gas Facility.

Contractor: Western Gas Resources, Inc

Location: Palestine, Texas USA

WESTERN GAS RESOURCES, INC.

Plant: Various Locations

Project: Electrical & Instrumentation revamp of existing Processing Plants, upgrading Instrument and Electrical Equipment and Services.

Contractor: Western Gas Resources, Inc.

Location: Giddings, Texas USA

WESTERN GAS RESOURCES, INC.

Plant: Katy Storage Facilities

Project: Complete Electrical Design & Inspection of Six Compressors, Dehydration Stations and Underground Gas Storage Facility, along with an As-Built drawing package.

Contractor: Western Gas Resources, Inc.

Location: Katy, Texas USA



CANADA PROJECTS

ALBERTA OIL SANDS PIPELINE LTD

Plant: Oil Pumping Station

Project: Electrical & Instrumentation Installation to Oil Pumping Station

Contractor: Canuck Engineering Ltd

Location: Edmonton, Alberta Canada

ALBERTA OIL SANDS PIPELINE LTD

Plant: House River Gas Plant

Project: Electrical & Instrumentation construction to House River Pumping Station

Contractor: Plains Engineering Ltd

Location: House River, Alberta Canada

ALTEX RESOURCES

Project: Electrical & Instrumentation construction of a new 7 MMSCFD, 100 GPM 50% MDEA sweetening package, 1200 PSIG design, 6.0 MM BTU/Hr. amine re-boiler duty.

Plant: Altex Provost Gas Plant

Contractor: Altex Resources

Location: Provost, Alberta Canada

AMERADA MINERALS CORPORATION OF CANADA LTD

Plant: Sturgeon Lake Gas Plant

Project: Electrical & Instrumentation installation of a new Amerada's Gas Plant

Contractor: Calco Mechanical Contractors Ltd

Location: Sturgeon Lake, Alberta Canada

AMOCO CANADA PETROLEUM COMPANY LTD.

Project: Electrical & Instrumentation installation of new Compressor Station consisting of two 1500 HP compressors processing 90 MMSCFD. Utility heating system consist of two 2,000,000 BTU/HR. Boilers power generation – three 125 kW generator sets. The compressor station is controlled by a programmable logic controller tied into a field automation system.

Contractor: Amoco Canada Petroleum Ltd

Location: Three Hills, Alberta Canada

AMOCO CANADA PETROLEUM LTD

Plant: Amoco Anti Creek Plant

Project: Electrical & Instrumentation installation upgrade of existing Gas Plant Processing

Contractor: Amoco Canada Petroleum

Location: Anti Creek, Alberta Canada



AMOCO CANADA PETROLEUM LTD

Plant: Amoco Anti Creek Plant

Project: Electrical & Instrumentation installation upgrade of existing Gas Plant Processing

Contractor: Amoco Canada Petroleum

Location: Anti Creek, Alberta Canada

AMOCO CANADA PETROLEUM LTD

Plant: Martin Hills Compressor Station

Project: Electrical & Instrumentation Installation of Amoco Martin Hills Compressor Station

Contractor: Arnex Industries Ltd

Location: Bigoray River, Alberta Canada

AMOCO CANADA PETROLEUM LTD

Plant: Frenman Gas Plant

Project: Electrical & Instrumentation Installation for a new Gas Processing Plant

Contractor: Canon Industries Ltd

Location: Frenman, Alberta Canada

AMOCO CANADA PETROLEUM LTD

Plant: Amoco Hilton Gas Plant

Project: Electrical & Instrumentation installation to a new 5 MMSCFD, 35 GPM MDEA Sweetening Plant, 1240 PSIG design, direct fired amine regeneration.

Contractor: Amoco Canada

Location: Hilton, Alberta Canada

AMOCO CANADA PETROLEUM COMPANY

Project: Electrical & Instrumentation installation for a new 24 MMSCFD Processing Plant, consisting of two screw compressors and 400 HP electrical drivers.

Location: West Pembina, Alberta Canada

AMOCO CANADA PETROLEUM LTD

Plant: Fort Saskatchewan CO₂ Removal Plant

Project: Electrical & Instrumentation installation for an 18,000 SBPD liquid ethane/amine (MDEA) selective Sweetening Plant (3.5% CO₂, 50 PPM H₂S) circulating 240 USGM of 50 WT% MDEA. The process design incorporated the addition of the new amine plant to an existing 25,000 SBPD plant and debottle-necking the existing system to utilize existing exchangers, pumps, etc. New equipment included the new amine train in a modular form in addition to a new inlet filter separator, water-cooling tower, and 15 MMBTU/HR. Glycol heater and 560 GPM glycol pump.

Contractor: Propak Systems Ltd



AMOCO CANADA PETROLEUM LTD

Location: Fort Saskatchewan, Alberta Canada

Project: Electrical & Instrumentation major modification and addition to Gas Processing Facility for the processing and recover of 55% of propane from 12 MMSCFD of sweet natural gas.

Contractor: Amoco Canada Petroleum

Location: Two Hills, Alberta Canada

AMOCO CANADA PETROLEUM COMPANY LTD

Project: Electrical & Instrumentation installation for a new 25 MMSCFD Amine Sweetening Plant, 14 GPM, 30 WT % DEA.

Contractor: Propak Systems Ltd

Location: Red Deer, Alberta Canada

AMOCO CANADA PETROLEUM COMPANY LTD

Project: Electrical & Instrumentation installation for a new Amine sweetening Processing Plant, 7 MMSCFD, 50 USGPM DEA (30%), .04% H₂S CO₂, 1250 HP compression and dehydration, total throughput 10.2 MMSCFD.

Contractor: Propak Systems Ltd

Location: Westlock, Alberta Canada

AMOCO CANADA PETROLEUM COMPANY LTD

Project: Electrical & Instrumentation installation for a Addition to a 16 MMSCFD Refrigeration Plant to run independently but in conjunction with existing plants #1 and #2.

Contractor: Plains Construction

Location: Drayton Valley, Alberta Canada

AMOCO CANADA PETROLEUM COMPANY LTD

Plant: Amoco St Lina Compressor Station

Project: Electrical & Instrumentation installation for a new installation to a new Compressor Station Facility.

Contractor: Sceptre Engineering Ltd

Location: St Lina, Alberta Canada

B .P. EXPLORATION CANADA LTD

Plant: Chauvin Gas Plant

Project: Electrical & Instrumentation installation for new alterations to existing Gas Plant

Contractor: B.P. Exploration

Location: Chauvin, Alberta Canada



BLUE SKY OIL & GAS

Project: Electrical & Instrumentation installation for a new Refrigeration Solution Gas Plant, 1 MMSCFD, 214 BPD LPG product glycol injection, propane refrigeration.

Contractor: Blue Sky Oil & Gas

Location: Joffre, Alberta Canada

CANADIAN SUPERIOR OIL LTD

Plant: Harmattan Gas Plant

Project: Electrical & Instrumentation installation to a new installation of Harmattan Gas Plant

Contractor: Phoenix Construction Holdings Ltd

Location: Harmattan, Alberta Canada

CANADIAN SUPERIOR OIL LTD

Plant: Liege Compressor Station

Project: Electrical & Instrumentation installation for a new installation to a new Gas Compressor Facility

Contractor: Cord Projects Ltd

Location: Chipewan Lake, Alberta Canada

CANADIAN SUPERIOR OIL LTD

Plant: Liege Well Sites

Project: Electrical & Instrumentation installation to various well site facilities

Contractor: Cord Projects Ltd

Location: Chipewan Lake, Alberta Canada

CANADA CITIES SERVICE LTD

Project: Electrical & Instrumentation installation to a new Gas Processing Plant

Contractor: Maloney Steel Ltd

Location: Swift Current, Saskatchewan Canada

CHAMPLIN PETROLEUM COMPANY

Plant: Champlain Cynthia Gas Plant

Project: Electrical & Instrumentation construction for the Cynthia Compressor Station

Contractor: Arnex Industries Ltd

Location: Cynthia, Alberta Canada

CHEVRON STANDARD LTD

Plant: Brazeau Gas Plant

Project: Electrical & Instrumentation installation of new Compressor Station Facilities

Contractor: Propak Systems Ltd

Location: Brazeau, Alberta Canada



CHEVRON STANDARD LTD

Project: Electrical & Instrumentation to a new Refrigeration Solution Gas Plant, 3.0 MMSCFD, glycol injection, companies refrigeration 225 B/D deethanized LPG product.

Contractor: Chevron Standard

Location: Bigoray, Alberta Canada

CHEVRON STANDARD LTD

Plant: Fox Creek Plant

Project: Electrical & Instrumentation addition to existing Gas Processing Plant

Contractor: Chevron Standard Ltd.

Location: Fox Creek, Alberta Canada

CONSOLIDATED PIPELINE LTD.

Plant: Carstairs Compressor Station

Project: Electrical & Instrumentation installation of a new Pipeline Compressor Facility.

Contractor: Olympic Ironworks Ltd

Location: Carstairs, Alberta Canada

CZAR RESOURCES LTD.

Project: Electrical & Instrumentation installation to a new refrigeration hydrocarbon dew point control plant, 3.1 MSCFD glycol injection, propane refrigeration and 45 B/D deethanized LPG product.

Location: Torrington, Alberta Canada

CZAR RESOURCES LTD

Project: Electrical & Instrumentation installation to a Inlet manifold, separation, and mechanical Refrigeration Hydrocarbon Dew Point Control Plant, 25 MMSCFD, 50 BPD stabilized product, 250 HP propane refrigeration, and 800 HP natural gas compression.

Location: Parkland Gas Plant, Alberta Canada

DOME PETROLEUM LTD

Plant: Didsbury Pumping Station

Project: Electrical & Instrumentation installation for a new Oil Pumping Station

Contractor: Dome Petroleum Ltd

Location: Didsbury, Alberta Canada



DOME PETROLEUM LTD

Project: Electrical & Instrumentation installation to a new 11.0 MMSCFD mechanical refrigeration plant producing 130 BBLS/Day of stabilized condensate. The mechanical refrigeration consists of two Mycom 6B compressors, each 75 HP. A 1200 HP electric drive gas compressor package was also installed.

Contractor: Dome Petroleum Ltd

Location: Majorville, Alberta Canada

DOME PETROLEUM LTD

Plant: Castor Compressor Station

Project: Electrical & Instrumentation installation of a new Gas Compressor Station Facility

Contractor: Dome Petroleum Ltd

Location: Castor, Alberta Canada

DOME PETROLEUM LTD

Plant: Dome Cutbank Gas Plant

Project: Electrical & Instrumentation installation of a new Gas Compressor Station Facility

Contractor: Pheonix Constructors Ltd

Location: Cutbank, Alberta Canada

DOME PETROLEUM LTD

Plant: Dome Primrose Gas Plant

Project: Electrical & Instrumentation installation of Telecontrol Equipment to an existing Control System

Contractor: Dome Petroleum Ltd

Location: Primrose, Alberta Canada

DOME PETROLEUM LTD

Plant: Kirby Lake Gas Plant

Project: Electrical & Instrumentation installation of Gas Processing Plant

Contractor: Phoenix Construction Ltd

Location: Kirby Lake, Alberta Canada

ESSO RESOURCES CANADA LTD

Plant: Cold Lake Gas Plant

Project: Electrical & Instrumentation installation of Water Pumping Station for Heavy Oil Project.

Contractor: F.D.S. Oilfield Service Ltd

Location: Cold Lake, Alberta Canada



FOOTHILLS PIPELINE LTD

Plant: Jenner Pipeline Station

Project: Electrical & Instrumentation EPC contract to a Utility Building Upgrade to an existing Gas Plant

Contractor: Foothills Pipeline

Location: Jenner, Alberta Canada

GOLDEN EAGLE OIL & GAS LTD

Project: Electrical & Instrumentation to a 7 MMSCFD amine sweetening plant, 14 GPM, 30WT. % DEA Gas Plant

Contractor: Golden Eagle Oil & Gas

Location: Nosehill, Alberta Canada

GULF CANADA RESOURCES INC

Plant: Gulf Malmo Plant

Project: Electrical & Instrumentation installation to a H₂S Gas Processing Plant

Contractor: Gulf Canada Resources Ltd

Location: Malmo South, Alberta Canada

GULF CANADA RESOURCES INC

Project: Electrical & Instrumentation for a new Refrigeration Hydrocarbon Dew Point Plant, 3.5 MMSCFD, glycol injection, propane refrigeration, and 12 B/D stabilized condensate.

Contractor: Gulf Canada Resources Ltd

Location: Hanna, Alberta Canada

GULF OIL CANADA LTD

Plant: Hanna Gas Plant

Project: Electrical & Instrumentation EPC for Gulf's Oil Gas Plant

Contractor: Gulf Canada Resources Ltd

Location: Hanna, Alberta Canada

HOME OIL COMPANY LIMITED

Project: Electrical & Instrumentation installation of complete new oil and gas production battery.

Contractor: Home Oil Company

Location: Cynthia, Alberta Canada



UDSON BAY OIL & GAS COMPANY

Project: Electrical & Instrumentation installation to a Mechanical Refrigeration Hydrocarbon Dew Point Control Plant, 6 MMSCFD, 85 BPD De-ethanized LPG product, and glycol injection, propane refrigeration

Contractor: Hudson Bay Oil & Gas

Location: Eaglesham, Alberta Canada

HUSKY OIL OPERATIONS LTD

Plant: Pikes Peak Pilot Oil

Project: Electrical & Instrumentation installation to a new Heavy Oil Pilot Project

Contractor: Husky Oil Operations

Location: Pikes Peak, Saskatchewan Canada

HUSKY OIL OPERATIONS LTD

Plant: Pikes Peak Pilot Oil

Project: Electrical & Instrumentation installation upgrade to an existing Oil Battery Station

Contractor: Husky Oil Operations

Location: Lloydminster, Saskatchewan Canada

INTER CITY ACHESON GAS PLANT

Plant: Inter City Gas Limited

Project: Electrical & Instrumentation installation to a new Gas Processing Plant

Contractor: Duckworth Price Henderson Ltd

Location: Hardisty, Alberta Canada

INTERNATIONAL PIPELINES LTD

Plant: International Tank Farm Station

Project: Electrical & Instrumentation installation to a new Oil Tank Farm Storage & Injection Facility

Contractor: Cord Projects Ltd

Location: Hardisty, Alberta Canada

KERR-McGEE CANADA LTD

Project: Electrical & Instrumentation installation for a Refrigeration Plant to provide supplemental refrigeration to existing facility at the Kerr-McGee gas plant in Elnora, Alberta. The refrigeration used in ammonia package is complete with Mycom N160 LUDH compressors, separators, oil coolers with pneumatic and altronic panels.

Contractor: Kerr-McGee Ltd

Location: Elnora, Alberta Canada



BILE OIL CANADA LTD

Plant: Celtic Heavy Oil Plant

Project: Electrical & Instrumentation installation of Steam Injection Plant – Heavy Oil

Contractor: Kenting Oilfield Services Ltd

Location: Celtic-Lloydminster, Alberta Canada

MOBILE OIL CANADA LTD

Plant: Whitecourt Gas Plant

Project: Electrical & Instrumentation installation of a 1500 HP injection pump system for a Water Disposal Facility in the existing Winborn Gas Plant.

Contractor: Propak Systems Ltd

Location: Winborn, Alberta Canada

MOBILE OIL CANADA LTD

Plant: Celtic Heavy Oil Plant

Project: Electrical & Instrumentation installation of Steam Injection Plant – Heavy Oil

Contractor: Kenting Oilfield Services Ltd

Location: Celtic-Lloydminster, Alberta Canada

MOBILE OIL CANADA LTD

Plant: Whitecourt Gas Plant

Project: Electrical & Instrumentation installation to a 72 MMSCFD MDEA selective Sweetening System Plant

Location: Whitecourt, Alberta Canada

MOBILE OIL CANADA LTD

Plant: Celtic Heavy Oil Plant

Project: Electrical & Instrumentation installation of Steam Injection Plant – Heavy Oil

Contractor: Vikon Technical Services Ltd

Location: Celtic-Lloydminster, Alberta Canada

MOBILE OIL CANADA LTD

Plant: Rainbow Lake Gas Plant

Project: Electrical & Instrumentation installation of Gas Processing Plant

Contractor: Kenting Oilfield Services Ltd

Location: Rainbow Lake, Alberta Canada

MURPHY OIL COMPANY LTD

Project: Electrical & Instrumentation construction of five Pumping Stations

Contractor: Kenting Oilfield Services Ltd

Location: Grill Lake, Nielsburg, Unity, Kerrobert, Lone Rock Saskatchewan Canada



NATOMIS OIL & GAS LTD

Plant: Natomis Oil Battery Site: Overall EPC of Electrical and Instrumentation to a Central Oil Battery Facility.

Contractor: Natomis Oil & Gas

Location: NIPISI, Alberta Canada

NEWALTA CORPORATION

Project: Electrical & Instrumentation installation for a 15.0 MMSCFD (422X 10₃ M₃/D) Mechanical Refrigeration Plant producing 120 BPD (10M3D) of stabilized condensate product, one (1) 1000 HP (746) gas driven inlet gas compressor, (1) 2000 BBLs (159m³) condensate product tank, office/MCC trailer and flare system.

Contractor: Plains Construction

Location: Edson, Alberta Canada

NOVALTA RESOURCES LTC

Plant: Boyle Compressor Station

Project: Electrical & Instrumentation installation of a new Pipeline Compressor Station

Contractor: Quantel Energy

Location: Boyle, Alberta Canada

NOVACORP INTERNATIONAL CONSULTING LTD

Plant: Shell Waterton Gas Plant

Project: Electrical & Instrumentation construction for the Porcupine Hills Hydrocarbon Liquids Pump and Meter Station at the Shell Waterton Gas Plant. In addition, the fabrication and installation of three remote controlled block valve stations along the receiving station at the Petro Canada Turner Valley Site.

Contractor: Novacorp International

Location: Porcupine Hills, Alberta Canada

PANCANADIAN PETROLEUM LTD.

Plant: Rimbey Gas Plant

Project: Electrical & Instrumentation installation upgrade to new Gas Plant

Contractor: Plains Engineering Group Ltd

Location: Rimbey, Alberta Canada

PANCANADIAN PETROLEUM LTD.

Plant: Morley Gas Plant

Project: Electrical & Instrumentation installation upgrade to an existing Gas Plant

Contractor: Quantel Energy

Location: Morley, Alberta Canada



PANCANADIAN PETROLEUM LTD.

Project: Electrical & Instrumentation installation to a new Mechanical Refrigeration Hydrocarbon Dew Point Controls Plant, 20 MMSCFD, glycol injection, propane refrigeration, and stabilized condensate.

Contractor: PanCanadian Petroleum

Location: Makepeace, Alberta Canada

PANCANADIAN PETROLEUM LTD

Plant: Wintering Hills Gas Plant

Project Electrical & Instrumentation construction to modify and relocate a 10 MMSCFD Refrigeration Package from P.C.P. Makepeace Gas Plant to Wintering Hills Facility.

Contractor: PanCanadian Petroleum Ltd

Location: Halkirk, Alberta Canada

PANCANADIAN PETROLEUM LTD

Plant: Redland Gas Plant

Project: Electrical & Instrumentation installation of Redland Gas Processing Facility

Contractor: Plains Construction Ltd

Location: Redland, Alberta Canada

PANCANADIAN PETROLEUM LTD

Plant: Countess "B" Pool Battery

Project: Electrical & Instrumentation construction to perform modifications to the including installation of a new F.W.K.O. vessel and oil storage tank farm.

Contractor: PanCanadian Petroleum Ltd.

Location: Countess, Alberta Canada

PANCANADIAN PETROLEUM LTD

Plant: Countess Gas Plant

Project: countess Electrical & Instrumentation construction of an inlet separation, oil treating and Water Injection Facility.

Contractor: Propak Systems Ltd

Location: Lamond, Alberta Canada

PASSBURG PETROLEUM LTD

Plant: Drumheller Oil Plant

Project: Electrical & Instrumentation installation to a new Oil Battery Facility

Contractor: Tartan Engineering

Location: Drumheller, Alberta Canada



PETRO CANADA EXPLORATION INC.

Plant: Cactus Lake Pumping Station

Project: Electrical & Instrumentation installation for Pumping Station

Contractor: Petro Canada Exploration Inc. **Location:** Cactus, Saskatchewan Canada

PETRO CANADA EXPLORATION INC.

Plant: Cactus Lake Pumping Station

Project: Electrical & Instrumentation installation for a Pumping Station

Contractor: Petro Canada Exploration Inc.

Location: Cactus, Saskatchewan Canada

PETRO CANADA EXPLORATION INC.

Plant: Brazeau River Gas Plant

Project: Electrical & Instrumentation installation of Petro Canada's Compressor Station

Contractor: Petro Canada Exploration Inc

Location: Brazeau River, Alberta Canada

PETRO CANADA EXPLORATION INC.

Plant: Petro Canada Fox Creek Plant

Project: Electrical & Instrumentation addition of existing Gas Processing Plant

Contractor: Petro Canada Exploration Inc.

Location: Fox Creek, Alberta Canada

PETRO CANADA EXPLORATION INC.

Plant: Utikuma Gas Plant

Project: Electrical & Instrumentation addition of existing Gas Processing Plant

Contractor: Petro Canada Exploration Inc.

Location: Utikuma, Alberta Canada

PETRO CANADA EXPLORATION, INC.

Project: Electrical & Instrumentation to a new 4.6 MMSCFD Mechanical Refrigeration H.C. Recovery Package, 65 BPD stabilized product and a 50 HP refrigeration compressor.

Contractor: Petro Canada Exploration

Location: Arrowwood, Alberta Canada

PETRO CANADA EXPLORATION, INC.

Project: Electrical & Instrumentation EPC for a new Gas Processing Plant

Contractor: Petro Canada Exploration

Location: Bigoray, Alberta Canada



PETRO CANADA EXPLORATION, INC.

Plant: Caroline Gas Plant

Project: Electrical & Instrumentation installation upgrade to an existing Gas Processing Plant

Contractor: Petro Canada Exploration

Location: Caroline, Alberta Canada

PETROGAS PROCESSING LTD

Plant: Balzac Plant

Project: Electrical & Instrumentation installation & Maintenance of a Gas Processing

Contractor: Petrogas Processing

Location: Balzac, Alberta Canada

POCO PETROLEUMS LTD

Project: Electrical & Instrumentation installation to a Compressor Fuel Gas Sweetening Plant utilizing MDEA amine process to sweeten 250,000 SCFD sour gas. MDEA circulation rate 16 L/Min. sweetening followed by TEG dehydration.

Contractor: Plains Construction

Location: Gopher, British Columbia Canada

PORT MAITLAND MANAGEMENT LTD

Plant: Port Maitland Straddle Plant

Project: Electrical & Instrumentation installation to a 15 MMSCFD Cryogenic Process Plant to -100 °F for H.C. liquid recover, 270 BPD LPG mix.

Contractor: Propak Systems Ltd

Location: Port Mainland, Ontario Canada

PROVIDENT RESOURCES LTD

Plant: Wainwright Gas Plant

Project: Electrical & Instrumentation installation of Compressor Station

Contractor: Colt Engineering Ltd

Location: Wainwright, Alberta Canada

PROVIDENT RESOURCES LTD

Plant: Edgerton Gas Plant

Project: Electrical & Instrumentation installation of Compressor Station

Contractor: Colt Engineering Ltd

Location: Edgerton, Alberta Canada



REMINGTON ENERGY LTD

Project: Electrical & Instrumentation installation for a new 30 MMSCFD Inlet Facility with a 30 MMSCFD Amine Sweetening Unit

Contractor: Propak Systems Ltd

Location: Fort St. John, British Columbia Canada

MOBILE OIL CANADA LTD

Plant: Whitecourt Gas Plant

Project: Electrical & Instrumentation installation for a 72 MMSCFD MDEA Selective Sweetening System, 80 GPM circulation rate, 50 WE% MDEA, direct fired reboiler.

Location: Whitecourt, Alberta Canada

SABRE PETROLEUM LTD

Plant: Sabre Rocky Mountain House Gas Plant

Project: Electrical & Instrumentation installation of Nitrogen Injection Plant

Contractor: Phoenix-Lotepro Joint Venture

Location: Rocky Mountain House, Alberta Canada

SELPETRO LIMITED

Plant: Selpetro Water flood Plant

Project: Electrical & Instrumentation installation of a new Gas & Oil Water Flood System

Contractor: Mecalta Industries

Location: Little Bow, Alberta Canada

SHELL CANADA LIMITED

Plant: Swan Hills Plant

Project: Electrical & Instrumentation installation to a existing Gas Processing Plant.

Contractor Propak Systems Ltd

Location: Swan Hills, Alberta Canada

SHELL CANADA RESOURCES

Project: Electrical & Instrumentation construction for a Sulfinal Sweetening Slant and Utility Package, 5 MMSCFD, 200 PPM H₂S, 16 GPM.

Contractor Shell Canada Resources

Location: House Mountain, Alberta Canada

SUN OIL COMPANY LTD

Project: Electrical & Instrumentation construction for a Hydrocarbon Dew Point Control Plant, 20 MMSCFD.

Contractor: Sun Oil Company

Location: Killam, Alberta Canada



TELESIS OIL & GAS

Project: Electrical & Instrumentation installation for a 1 MMSCFD LPG Recovery Plant using a 75 HP Mycom P6WB compressor. Joules- Thompson expansion valve cools to -130°F to a stainless steel deethanized, low temperature designed to -238°C

Contractor: Propak Systems Ltd

Location: Renwick, Ontario Canada

TEXACO CANADA RESOURCES LTD

Plant: Texaco Bonnie Glen Gas Plant

Project: Electrical & Instrumentation installation of Recovery Liquid fraction facility

Contractor: Corp Projects Ltd

Location: Bonnie Glen, Alberta Canada

TEXACO CANADA RESOURCES LTD

Plant: Wabasca Compressor Station

Project: Electrical & Instrumentation installation for a new Compressor Station Facility

Contractor: Corp Projects Ltd

Location: Wabasca, Alberta Canada

TEXACO CANADA RESOURCES LTD

Plant: Bonnie Glenn Gas Plant

Project: Electrical & Instrumentation installation to a Gas Processing Plant

Contractor: Phoenix Constructors Ltd

Location: Bonne Glenn, Alberta Canada

TURBO RESOURCES LTD

Plant: Turbo Refinery

Project: Instrumentation and electrical installations of complete grassroots oil and gas refinery.

Contractor: Turbo Resources Ltd

Location: Balzac, Alberta Canada

UNOCAL CANADA

Project: Electrical & Instrumentation installation for a new 4 MMSCFD Refrigeration Plant using a P4B reciprocating compressor. Complete with inlet separator, gas/gas chiller, and stabilizer.

Contractor: Unocal Canada

Location: Vega, Alberta Canada



UNITEX PETROLEUM CORPORATION

Plant: Hotchkiss Compressor Station

Project: Electrical & Instrumentation installation to a Hotchkiss Compressor Station

Contractor: Propak Systems Ltd

Location: Manning, Alberta Canada

WAINOCO OIL & GAS

Project: Electrical & Instrumentation installation to a Dew Point Control Plant, complete with Mycom 6B-refrigeration compressor, 106/5 BPD of LPG mix. The mechanical refrigeration consists of a 125 HP electric driven Mycom 6B compressor. Low temperature separator operates at a temperature of -30°F with subsequent flash cooling.

Location: Gilby, Alberta Canada

WAINCO OIL & GAS LTD

Plant: Wainoco Gilby Gas Plant

Project: Electrical & Instrumentation installation to a new 5 MMSCFD Mechanical Refrigeration Plant with future provisions for LPG recovery. Mechanical refrigeration systems consist of a Mycom 62B of 8 B (modification to either possible) with a 100 HP electric drive unit.

Location: Beaver Lodge, Alberta Canada



SOUTH AMERICA PROJECTS

CHACO S.A.

Plant: Carrasco Amine

Project: EPC Turnkey Project consisting of an addition of a 70VVSCFD CO₂ Extraction Amine Plant. Plant design based on 410 USGM amine circulation 35W% DEA for removal of 5.0 Mol% CO₂ concentration to 1.4 Mol% PSIG

Contractor: Propak Systems Ltd

Location: Carrasco Cochabamba Bolivia SA

ENERSA ENERGIA INTEGRAL S.A. (ENERSA S.A.)

Plant: Carrasco Gas Processing Plant

Project: 70 MMSCFD Cryogenic Turbo Expander Plant to recovery NGL's with 94.8% propane recovery, operating at 140 °F Cryogenic Facility.

Contractor: Propak Systems Ltd

Location: Carrasco Cochabamba Bolivia SA

PETROLEOS MEXICANOS (PEMEX)

Plant: Pemex Refinery

Project: CO₂ Removal Unit addition to the existing Oil Refinery

Contractor: Propak Systems Ltd

Location: Reynosa, Mexico SA

PETROECUADOR (PETROINDUSTRIAL):

Plant: Secoya Station Gas Liquids Recovery Facility

Project: CO₂ Removal Unit addition to the existing Oil Refinery

Project: A 30 MMSCFD LPG Recovery Plant, Field Testing/Inspection and Evaluation of Field Flare Gas and Potential Liquids Receiver from 27 field production sites.

Contractor: Propak Systems Ltd

Location: Secoya, Province of Sucumbios, Ecuador, S.A.

TOTAL AUSTRAL

Plant: Canadon Alfa Turbo Expansion Facility

Project: 280 MMSCFD Dew Point Control Refrigeration Plant using a 750 HP driven Mycom Screw Compressor for refrigeration compression and Glycol spray injection dehydration. The plant consist of 16 modules: inlet/sales metering skid, inlet free water KO skid, refrigeration chiller skid with overhead gas/gas exchanger skid, low temperature separator skid, condensate metering skid with overhead (stacked) condensate flash drum skid, condensate booster and export pump skid, utility fuel gas skid, glycol regeneration system skid, refrigeration compressor suction scrubber and economizer skid, refrigeration compressor and lube oil scrubber skid, and pipe rack skids plus the aerial propane cooler and rigid frame compressor building.

Contractor: Propak Systems Ltd

Location: Canadon Alfa, Argentina SA



TOTAL AUSTRAL

Plant: Rio Cullen Project

Project: Inspection Services of Fuel Gas Treatment Package.

Contractor: Propak Systems Ltd

Location: Rio Cullen, Argentina SA

TOTAL AUSTRAL SA

Plant: Aguada Pichana Gas Plant

Project: 289 MMSCFD refrigeration hydrocarbon dew point control plant to produce 979 m3/d stabilized condensate.

Contractor: Propak Systems Ltd

Location: Neuquen, Argentina SA

TOTAL AUSTRAL S.A. FRANCE

Plant: Ara-Canadon AFA Condensate Recovery Plant

Project: A 145 MMSCFD refrigeration plant to recover 7816 BBLCFD of mixed LPG product. Major process equipment includes high pressure inlet separator, gas chilling equipment, glycol injection and regenerator, low temperature separation, 750 HP Mycom refrigeration electric drive compressor, condense export pumps, firewater deluge system, control electrical distribution, separator for medium pressure compression of 240 MMSCFD of inlet gas.

Contractor: Propak Systems Ltd

Location: Tierra Del Fuego, Argentina SA

YACIMENTOS PETROLIFEROS FISCALS BOLIVIANOS (YPFR)

Project: 60 MMSCFD TEG Dehydration Unit consisting of I&E Engineering, Construction and Calibration of a Amine CO₂ Remover Facility.

Contractor: Propak Systems Ltd.

Location: Santa Cruz, Bolivia SA

