

## **A&D: Acquisition & Divestiture**

|           |  |
|-----------|--|
| A&N:      | Assignment & Novation Agreement                                    |
| A/P:      | Accounts Payable   |
| A/R:      | Accounts Receivable  |
| AA:       | Administrative Assistant or Assignment Agreement                   |
| AAG:      | Ancillary Agreement – Grazing Lease                                |
| ABN:      | Abandon  |
| AC:       | Acre(s) or Atlantic Canada   |
| ACO:      | Aboriginal Consultation Office                                     |
| ADR:      | Appropriate Dispute Resolution                                     |
| AECO:     | Alberta Energy Company   |
| AEP:      | Alberta Environment and Parks                                      |
| AER:      | Alberta Energy Regulator   |
| AFE(s):   | Authorization(s) for Expenditure                                   |
| AFN:      | Assembly of First Nations  |
| AGC:      | Automatic Generation Control                                       |
| ALA:      | <i>Alberta Limitations Act</i>                                     |
| ALC:      | Agricultural Land Commission                                       |
| ALR:      | Agricultural Land Reserve  |
| AMI:      | Area of Mutual Interest or Alberta Mineral Information             |
| AMT:      | Asset Management   |
| AOA:      | Area Operating Agreement   |
| AOE:      | Area of Exclusion Agreement  |
| APEGA:    | Association of Professional Engineers and Geoscientists of Alberta |
| APO:      | After Payout   |
| APPO:     | After Penalty Pay Out  |
| APP/APEN: | After Penalty Payout   |
| ASGA:     | Alberta Sand and Gravel Association                                |
| ATE:      | Allow to Expire  |
| ATS:      | Alberta Township Survey  |
| AUC:      | Alberta Utilities Commission                                       |

## **B: Billion(s)**

|           |  |
|-----------|--|
| bbbls/d:  | barrels per day  |
| bcf/d:    | billion cubic feet per day   |
| BCH:      | BC Hydro (British Columbia Utility Company)                                  |
| BCOGC:    | BC Oil & Gas Commission  |
| BCUC:     | British Columbia Utilities Commission  |
| boe:      | barrels of oil equivalent converting 6 mcf of natural gas to 1 barrel of oil |
| boe/d:    | barrels of oil equivalent per day  |
| BOP:      | Blow Out Preventer   |
| BPO:      | Before Payout  |
| BPPO:     | Before Penalty Pay Out   |
| BPP/BPEN: | Before Penalty Payout  |
| Btu:      | British thermal unit   |
| BU:       | Business Unit  |

## **CA: Confidentiality Agreement**

|        |   |
|--------|---|
| CAD:   | Canadian Dollars                                      |
| CAPL:  | Canadian Association of Petroleum Landmen             |
| CAPLA: | Canadian Association of Petroleum Land Administration |
| CAPP:  | Canadian Association of Petroleum Producers           |

|         |   |
|---------|---|
| CAPPA:  | Canadian Association of Petroleum Production Accounting |
| CAV:    | Caveat  |
| CBM:    | Coal Bed Methane  |
| CCTS:   | Commitment/Compliance Tracking System                   |
| CEAA:   | <i>Canadian Environmental Assessment Act</i>            |
| CEP:    | Coal Exploration Permit                                 |
| CEPA:   | Canadian Energy Pipeline Association                    |
| CFB:    | Canadian Forces Base                                    |
| cf/day: | cubic feet per day                                      |
| CGA:    | Canadian Gas Association                                |
| CLC:    | Canadian Labour Code                                    |
| CLS:    | Conditional Surrender or Conservation Land Search       |
| CNC:    | Consultative Notation Company                           |
| CNT:    | Consultative Notation                                   |
| CO&O:   | Construction, Ownership & Operating Agreement           |
| COGEH:  | Canadian Oil & Gas Evaluation Handbook                  |
| COGOA:  | <i>Canadian Oil &amp; Gas Operations Act</i>            |
| COGPE:  | Canadian Oil & Gas Property Expense                     |
| COLA:   | Cost of Living Adjustment or Allowance                  |
| COP:    | Community of Practice                                   |
| COS:    | Cost of Service   |
| CPRA:   | <i>Canadian Petroleum Resources Act</i>                 |
| CR:     | Crown   |
| CRP:    | Conservation and Reclamation Plan                       |
| CS:     | Compressor Station                                      |
| CSA:    | Canadian Standards Association                          |
| CSL:    | Conditional Surrender of Lease                          |
| CTL:    | Coniferous Timber License                               |
| CTP:    | Coniferous Timber Permit                                |
| CTR:    | Commercial Trail Riding Permit                          |
| CUP:    | Cultivation Permit                                      |
| CWI:    | Carried Working Interest                                |

## **D&A: Dry and Abandoned**

|       |   |
|-------|---|
| D&C:  | Drilled and Cased                                 |
| D&C:  | Drilling and Completions                          |
| D56:  | Directive 056 (AER)                               |
| DCT:  | Duplicate Certificate of Title                    |
| DDS:  | Digital Data Submission (AER)                     |
| DEV:  | Development Well                                  |
| DFO:  | Department of Fisheries and Oceans                |
| DHOA: | Designated Heavy Oil Area (Saskatchewan)          |
| DHR:  | Designated Historic Resource                      |
| DIR:  | Directional Well                                  |
| DLS:  | Dominion Land Survey                              |
| DND:  | Department of National Defense                    |
| DOA:  | Delegation of Authority                           |
| DOA:  | Disposition Operational Approval (similar to TFA) |
| DOE:  | Department of Energy                              |
| DOI:  | Division of Interest                              |
| DOT:  | Department of Transportation                      |
| DRR:  | Deep Rights Reversion                             |
| DRR:  | Document Registration Request – Land Titles Form  |

DRRZD: Deeper Rights Reversion Zone Designation  
 DRS: Disposition Reservation  
 DST: Drill Stem Test  
 DSU: Drill Spacing Unit  
 DTL: Deciduous Timber License  
 DTP: Deciduous Timber Permit  
 DWD: Drilling Waste Disposal

**E3M3: 1,000 cubic metres**

E&P: Exploration & Production  
 EAM: Energy Asset Management  
 EAP: Enhanced Approval Process (AER)  
 EASE: Easement  
 EC: Environment Canada  
 ECA: Ecological Corridor Agreement  
 ECM: Enterprise Content Management System  
 ECON: Saskatchewan Ministry of the Economy  
 EDS: Electronic Disposition System (AER)  
 EFT: Electronic Funds Transfer  
 EHS: Environment, Health & Safety  
 EIA: Environmental Impact Assessment (Saskatchewan)  
 EID: Eastern Irrigation District  
 EMT: Emergency Management Team  
 ENC: Encumbrance  
 ENGO: Environmental Non-Government Organization  
 EOR: Enhanced Oil Recovery  
 EPAC: Explorer and Producers Association of Canada  
 EPEA: *Environmental Protection and Enhancement Act*  
 EPM: Environmental Protection Manual (see EPP)  
 EPP: Environmental Protection Plan  
 EPZ: Emergency Planning Zone  
 ER: Ecological Reserve  
 ERP: Emergency Response Plan  
 ESA: Environmental and Socio-economic Assessment  
 ESP: Electrical Submersible Pump  
 ESR: Environmental Screening Report (pursuant to the CEAA)  
 E-SRP: Electronic Surface Release Package (System)  
 ETS: Electronic Transfer System  
 EZE: Easement

**FACT: Facilities Tracker (online pipeline tracking system)**

FAO: Farmers Advocate Office  
 FDL: Farm Development Lease  
 FDS: Farm Development Sale  
 FEE: Fee Simple  
 FGL: Forest Grazing License or Lease  
 FH: Freehold  
 FI: Farmin  
 FLCR: Facility Land Clearance Report  
 FMA: Forest Management Agreement  
 FMT: Freehold Mineral Tax  
 FNC: First Nations Consultation  
 FO: Farmout  
 FOA: Freehold Owners Association  
 FRD: Forestry Road

**G&A: General and Administrative**

GCA: Gas Cost Allowance  
 GEO: Geophysical  
 GHG: Greenhouse Gas(es)  
 GIS: Geographic Information System  
 gj: gigajoule  
 GLIMPS: Geographic Land Information Management Planning System  
 GoC: Government of Canada  
 GOR/GORR: Gross Overriding Royalty  
 GOR: Gas to Oil Ratio  
 GPS: Global Positioning System  
 GPUAR: *Gas Pipeline Uniform Accounting Regulations*  
 GRC: Gross Royalty Certificate  
 GRL: Grazing Lease  
 GRP: Grazing Permit  
 GRT: Gross Royalty Trust

**Ha: Hectare(s)**

HAP: Hay Permit  
 HBP: Held by Production  
 HDD: Horizontal Directional Drilling  
 HRG: Heritage Rangeland  
 HRS: Holding Reservation  
 HRV: Historical Resource Value  
 HSE: Health, Safety and Environment  
 HST: Harmonized Sales Tax  
 HVP: Vapor Pressure Products  
 HZ: Horizontal Well

**ICP: Intermediate Casing Point**

ILM: Integrated Land Management  
 INAC: Indigenous and Northern Affairs Canada  
 IOGC: Indian Oil and Gas Canada  
 ION: Independent Operations Notice  
 IOP: Individual Ownership Plan  
 IOS: Industry Operation Standard  
 IPL: International Power Line  
 IRIS: Integrated Resource Information System (Saskatchewan)  
 IRS: Indian Reserve  
 IRWA: International Right-of-Way Association  
 ISC: Information Services Corporation (Saskatchewan Land Titles)  
 ISO: International Organization for Standardization  
 ISP: Industrial Sample Plot

**JDE or JD Edwards: Accounting system**

JIB: Joint Interest Billing  
 JOA: Joint Operating Agreement  
 JV: Joint Ventures  
 JVA: Joint Venture Admin  
 JVA: Joint Venture Agreement

**KB: Kelly Bushing**

km: Kilometre(s)  
 kp: Kilometre Post  
 kPa: Kilopascals

**LALA:** *Land Agents Licensing Act*

|          |  |
|----------|--|
| LAT:     | Landscape Analysis Tool (AER)  |
| LAT:     | Latitude   |
| LDC:     | Local Distribution Company   |
| LDR:     | Land Disposition Request   |
| LEN:     | Lien   |
| Lets:    | Third Party Agreements (i.e.: crossing consent) that are granted to another company; see Takes |
| LF:      | Loss Factor  |
| LIP:     | Landowner Information Package  |
| LLD:     | Legal Land Description   |
| LLR:     | Licensee Liability Rating  |
| LMG:     | Land Matters Group (National Energy Board)   |
| LNG:     | Liquefied Natural Gas  |
| LOA:     | Letter of Authority  |
| LOC:     | License of Occupation  |
| LOI:     | Letter of Intent   |
| LONG:    | Longitude  |
| LOR:     | Lessor Royalty   |
| LOR/LSR: | Lessor Royalty   |
| LPG:     | Liquefied Petroleum Gas (propane and butane)   |
| LSA:     | Local Study Area   |
| LSAS:    | Land Status Automated System   |
| LSD:     | Legal Subdivision  |
| LTO:     | Land Titles Office   |
| LWD:     | Land Spraying While Drilling   |

**M:** **thousand, thousands (\$M – thousands of dollars)**

|                      |   |
|----------------------|---|
| M:                   | Meridian (i.e.: W4M)  |
| M&A:                 | Mergers and Acquisitions  |
| m <sup>3</sup> /d:   | cubic metres per day  |
| mbbls:               | thousands of barrels  |
| MBKB:                | Metres Below Kelly Bushing  |
| mboe:                | thousands of barrels of oil equivalent  |
| mcf/d:               | thousand cubic feet per day   |
| mcf <sub>e</sub> :   | thousand cubic feet gas equivalent converting barrel of oil to 6 mcf of natural gas |
| mcf <sub>e</sub> /d: | thousand cubic feet of natural gas equivalent per day                               |
| MD:                  | Measured Depth  |
| MLL:                 | Miscellaneous Lease   |
| MLP:                 | Miscellaneous Permit  |
| mmbtu:               | million british thermal units   |
| mmcf/d:              | million cubic feet per day  |
| MME:                 | Metallic Mineral  |
| MNC:                 | Métis National Council  |
| MOA:                 | Memorandum of Agreement   |
| MOP:                 | Maximum Operating Pressure  |
| MP:                  | Mile Post   |
| MPMO:                | Major Projects Management Office  |
| MS:                  | Meter Station   |
| MSL:                 | Mineral Surface Lease   |
| MT:                  | Mineral Title   |
| MTG:                 | Mortgage  |

**NA:** **Natural Areas**

|        |  |
|--------|--|
| NALTA: | National Association of Lease and Title Analysts |
| NEB:   | National Energy Board                            |
| NG:    | Natural Gas                                      |

|        |  |
|--------|--|
| NGL:   | Natural Gas Liquids (ethane, propane, butane, isobutane and natural gas) |
| NGO:   | Non-Government Organization  |
| NIMBY: | Not In My Back Yard  |
| NOA:   | Notice of Assignment   |
| NOI:   | Net Operating Income   |
| NPI:   | Net Profit Interest  |
| NPS:   | Nominal Pipe Size (in inches)  |
| NPV:   | Net Present Value  |
| NRCan: | Natural Resources Canada   |
| NTS:   | National Topographic System  |
| NYMEX: | New York Mercantile Exchange   |

**O&G:** **Oil & Gas**

|        |   |
|--------|---|
| OD:    | Outside Diameter                            |
| OFM:   | Oil Field Manager                           |
| OGAA:  | <i>Oil &amp; Gas Activities Act</i> (BC)    |
| OGRR:  | <i>Oil &amp; Gas Road Regulation</i> (BC)   |
| OH:    | Open Hole                                   |
| OPAC:  | Online Permitting and Clearance             |
| OPUAR: | Oil Pipeline Uniform Accounting Regulations |
| OS:    | Oilsands                                    |
| OSE:   | Oilsands Exploration                        |
| OSL:   | Oilsands Lease                              |

**P&NG:** **Petroleum and Natural Gas**

|        |  |
|--------|--|
| P&S:   | Purchase & Sale  |
| P/L:   | Pipeline   |
| pa:    | per annum  |
| PA:    | Production Accountant or Performance Agreement         |
| PAR:   | Project Approval Request                               |
| PASC:  | Petroleum Accountants Society of Canada                |
| PAUA:  | Production Allocation Unit Agreement                   |
| PAZ:   | Protective Action Zone                                 |
| PBL:   | Plan Block Lot   |
| PCS:   | Plan Confirmation Services System (AER)                |
| PDL:   | Project Description Letter                             |
| PET:   | Petroleum  |
| PFPP:  | Participant Funding Program (National Energy Board)    |
| PGR:   | Provincial Grazing Reserve                             |
| PIL:   | Pipeline Installation Lease                            |
| PITS:  | Petroleum Industry Training Service                    |
| PJVA:  | Petroleum Joint Venture Association                    |
| PLA:   | Pipeline Agreement                                     |
| PLAR:  | Public Lands Administration Regulation                 |
| PLC:   | Parks License of Occupation                            |
| PLC:   | Provincial Park Access Road                            |
| PLCR:  | Pipeline Land Clearance Report                         |
| PLS:   | Private Land Sale                                      |
| PMO:   | Project Management Office                              |
| PMS:   | Parks Mineral Surface Lease                            |
| PNG:   | Petroleum and Natural Gas                              |
| PNT:   | Protective Notation                                    |
| POA:   | Power of Attorney                                      |
| POC:   | Proof of Concept                                       |
| PPA:   | Parks Pipeline Agreement                               |
| PPBoR: | Plan, Profile and Book of Reference ( <i>NEB Act</i> ) |
| PPI:   | Provincial Park Facility                               |

PPIS: Pipeline Participant Involvement Summary  
 PPL: Public Pit Licence  
 PRB: Peace River Block  
 PRD: Peace River District  
 PROD: Producing  
 PRRD: Peace River Regional District  
 PS: Pump Station  
 PSA: Private Surface Agreement  
 PSAC: Petroleum Services Association of Canada  
 PSU: Production Spacing Unit  
 PTAC: Petroleum Technology Alliance Canada

**QA: Quality Assurance**

QC: Quality Control  
 QD: Quadrant (approx. 10 acres)  
 QMS: Quality Management System  
 QQ: Quarter Quadrant (approx. 2.5 acres)  
 QTR: Quarter Section (approx. 160 acres)

**R&D: Research and Development**

RACI: Responsible, Accountable, Consulted, Informed  
 RDR: Reversion of Deep Rights  
 RDS: Roadway  
 REA: Rural Electrification Association  
 REC: Recreational Lease  
 RFI: Request for Information  
 RFP: Request for Purchase or Request for Proposal  
 RFQ: Request for Quote  
 RGE: Range  
 RI: Royalty Interest  
 RMLC: Request for Mineral Land Clearance  
 RNN: Rent Review Notice  
 ROE: Right of Entry  
 ROFO: Right of First Offer  
 ROFR: Right of First Refusal  
 ROR: Rate of Return  
 ROW: Right-of-Way  
 RRD: Registered Roadway  
 RSA: Regional Study Area  
 RTA: Request to Abandon  
 RTC: Request to Complete  
 RTD: Request to Drill  
 RTP: Request to Produce  
 RTR: Request to Re-enter  
 RTTI: Request to Tie In

**SA: Special Areas**

SAGD: Steam Assisted Gravity Drainage  
 SAP: Solvent Aided Process  
 SARA: *Species at Risk Act*  
 SBU: Sub Business Unit  
 SCADA: Supervisory Control and Data Acquisition  
 SEC: Section (1 square mile)  
 SEPAC: Small Explorers and Producers Association of Canada  
 SGL: Sand and Gravel Lease  
 SGR: Sour Gas Release  
 SIW: Shut In Well

SLAM: Surface Land Asset Management  
 SLCR: Surface Land Clearance Report  
 SLO: Surface Lease Questionnaire  
 SMC: Surface Material License  
 SME: Surface Material Exploration  
 SML: Surface Material Lease  
 SOR: Steam to Oil Ratio  
 SOX: *Sarbanes-Oxley Act*  
 SRA: *Surface Rights Act*  
 SRB: Surface Rights Board  
 SRR: Shallow Rights Reversion  
 SSL: Soldier Settlement Lease  
 SU: Spacing Unit  
 SUSP: Suspended  
 SWD: Salt Water Disposal

**T: Ton/Tonne**

Takes: Third Party Agreements (i.e.: crossing consent) that are granted by another company; see Lets  
 TD: Target Depth  
 TFA: Temporary Field Authorization  
 TIK: Take in Kind  
 TLU: Traditional Land Use  
 TPA: Trapping Area  
 TVD: True Vertical Depth  
 TW: Test Well  
 TWP: Township  
 TWS: Temporary Workspace  
 TWSA: Temporary Workspace Agreement  
 TWSU: Test Well Spacing Unit

**UoM: Unit of Measure**

USD: US Dollars  
 UR: Unconventional Resources  
 URF: Unconventional Regulatory Framework  
 UTM: Universal Transverse Mercator  
 UWI: Unique Well Identifier

**VAT: Value-Added Tax**

VCE: Vegetation Control Easement

**WCSB: Western Canada Sedimentary Basin**

WDL: Water Development License  
 WDRS: Well Data Requirement Sheet  
 WELDA: Well Data Report  
 WI: Water Injection  
 WI: Working Interest  
 WICA: Working Interest Clarification Agreement  
 WID: Western Irrigation District  
 WPIS: Wellsite Participant Involvement Summary  
 WRO: Wild Rice Operation  
 WSA: *Water Sustainability Act (BC)*  
 WTax: Withholding Tax  
 WTI: West Texas Intermediate

**YTD: Year-to-Date**