

Chapter 10

Abbreviations and Acronyms

Compiled by T.R. Klett



***Click here to return to
Volume Title Page***

Chapter 10 of

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By USGS Powder River Basin Province Assessment Team

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Contents

Abbreviations 1
Acronyms 2

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Abbreviations

B or bbl	Barrel or barrels	Cum.	Cumulative
BB	Billion barrels	D	Darcy or darcies
BBL	Billion barrels of petroleum liquids; includes crude oil, condensate, and natural gas liquids	EUR	Estimated ultimate recovery
BBNGL	Billion barrels of natural gas liquids	°F	Degree Fahrenheit
BBO	Billion barrels of crude oil	ft	Foot or feet
BBOE	Billion barrels of oil equivalent	h	Hour or hours
BCF	Billion cubic feet	HI	Hydrogen index
BCFG	Billion cubic feet of natural gas	km	Kilometer
BL	Barrels of petroleum liquids; includes crude oil, condensate, and natural gas liquids	L	Liter or liters
BNGL	Barrels of natural gas liquids	L	Petroleum liquids; includes crude oil, condensate, and natural gas liquids
BO	Barrels of crude oil	lb	Pound or pounds
BOE	Barrels of oil equivalent	LNG	Liquified natural gas
Btu/lb	British thermal units per pound	m	Meter or meters
BW	Barrels of water	Ma	Million years ago
°C	Degree Celsius	MB	Thousand barrels
CF	Cubic feet	MBL	Thousand barrels of petroleum liquids; includes crude oil, condensate, and natural gas liquids
CFG	Cubic feet of natural gas	MBNGL	Thousand barrels of natural gas liquids
Cond.	Condensate	MBO	Thousand barrels of crude oil
		MBOE	Thousand barrels of oil equivalent

MCF	Thousand cubic feet
MCFG	Thousand cubic feet of natural gas
mD	Millidarcy or millidarcies
mi	Mile
min	Minute or minutes
MMB	Million barrels
MMBL	Million barrels of petroleum liquids; includes crude oil, condensate, and natural gas liquids
MMBNGL	Million barrels of natural gas liquids
MMBO	Million barrels of crude oil
MMBOE	Million barrels of oil equivalent
MMCF	Million cubic feet
MMCFG	Million cubic feet of natural gas
m.y.	Million years
No.	Number
OI	Oxygen index
psi/ft	Pounds per square inch per foot
Ro	Vitrinite reflectance, in oil
sq.	Square
TAI	Thermal alteration index
TCF	Trillion cubic feet
TCFG	Trillion cubic feet of natural gas
TOC	Total organic carbon

TWT	Two-way travel time
wt.	Weight

Acronyms

AAPG	American Association of Petroleum Geologists
API	American Petroleum Institute
AU	Assessment unit
EIA	Energy Information Administration
EPCA	Energy Policy and Conservation Act of 2000
EUR	Estimated ultimate recovery
GIS	Geographic information system
GOR	Gas to oil ratio
LGR	Liquids to gas ratio
MMS	Minerals Management Service
NGL	Natural gas liquids
OGIFF	Oil and gas integrated field file
SEG	Society of Exploration Geophysicists
TPS	Total petroleum system
U.S. or U.S.A.	United States of America
USGS	U.S. Geological Survey



***Click here to return to
Volume Title Page***