

## COGCC Formation Codes

Code	Description	Code	Description
AARPH	ALLUVIUM-ARAPAHOE	CCRWF	CRCRN-COZZ-RLNS-WMFK
ABCK	ARBUCKLE	CD-CRL	CODELL-CARLILE
ACGMI	AMAZON-COUNCIL GROVE-MISSOURI	CD-FH	CODELL-FORT HAYS
ADMI	ADMIRE	CDHL	CEDAR HILLS
AFXHL	ALLUVIUM-FOXHILLS	CDMTN	CEDAR MOUNTAIN
AKAH	AKAH SALT	CDRN	CHADRON
AL-FU	ALMOND-FORT UNION	CGAFL	COUNCIL GROVE - AMAZON - FOUNTAIN - LYONS
AL-LW	ALMOND-LEWIS	CGTR	CHUGWATER
ALLFM	ALL FORMATIONS	CHIN	CHINLE
ALLN	ALLEN	CHRK	CHEROKEE
ALMD	ALMOND	CHTIS	CUTLER-HONAKER TRAIL-ISMAY
ALRME	ALLUVIUM-LARAMIE	CKEMW	CHEROKEE-MORROW
ALVM	ALLUVIUM	CLCDFH	CARLILE-CODELL-FORT HAYS
AMZN	AMAZON	CLFH	CLIFF HOUSE
ANMS	ANIMAS	CLGP	COLORADO GROUP
APRRE	ALLUVIUM-PIERRE	CLMN	COALMONT
APSP	APISHAPA	CM-MR	CEDAR MOUNTAIN-MORRISON
ARPH	ARAPAHOE	CMBR	CAMBRIAN
ATOK	ATOKA	CMEO	CAMEO
BCKHN	BUCKHORN	CMEOC	CAMEO COAL
BENT	BENTONITE	CMSMV	CAMEO SANDS-MESAVERDE
BENTN	BENTON	COAL	COAL
BK-CM	BUCKHORN-CEDAR MOUNTAIN	CODL	CODELL
BK-MR	BUCKHORN-MORRISON	COUGR	COUNCIL GROVE
BKCK	BARKER CREEK	COZZ	COZZETTE
BKCKL	BARKER CREEK - LOWER	CR-MN	CORCORAN-MANCOS
BKCKU	BARKER CREEK - UPPER	CR-MV	CORCORAN-MESAVERDE
BLANK	HOT LINE FORM NA	CRCMS	CAMEO SAND-CORCORAN
BLFEN	BLUFF-ENTRADA	CRCRN	CORCORAN
BLFF	BLUFF SANDSTONE	CRCWF	CRCRN-CMEO SD-WMFK
BLIN	BLAINE	CRCZR	CORCORAN-COZZETTE-ROLLINS
BOWIE	BOWIE COAL	CRKE	CHEROKEE K
BRBSN	BRUSHY BASIN	CRLGR	CARLILE-GREENHORN
BRCDK	BURRO CANYON-DAKOTA	CRTC	CRETACEOUS
BRCN	BURRO CANYON	CRTS	CURTIS
BRPK	BROWNS PARK	CSGEM	CASTLEGATE-EMERY
BXTR	BAXTER	CSGMN	CASTLEGATE-MANCOS
CAMCZ	CAMEO COAL-COZZETTE	CSLGT	CASTLEGATE
CAMMV	CAMEO COALS-MESAVERDE	CSPR	CASPER SAND
CAMSC	CAMEO SANDS-COALS	CT-HT	CUTLER-HONAKER TRAIL
CARL	CARLILE	CTARK	CUTLER-ARBOSE
CARM	CARMEL	CTHRM	CUTLER-HERMOSA
CCCMC	COZZETTE-CORCORAN-CAMEO C	CTLR	CUTLER
CCCSW	CRCN-COZZ-CAMEO SD-WMFK	CWMFK	COZZETTE WILLIAMS FORK
CCRCW	COZZ-CRCRN-RLNS-CMEO-WMFK	CYNN	CHEYENNE
CCRMV	COZZ-CRCRN-RLNS-MESAVERDE	CZ-CR	COZZETTE-CORCORAN

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CZ-MV	COZZETTE-MESAVERDE	DNBCD	D SAND-CODELL-NIOBRARA
CZCRM	COZZETTE-CORCORAN-MESAVERD	DNVR	DENVER
CZCRW	COZZETTE-CORORAN-WMFK	DOSND	D & O SAND
CZRLS	COZZETTE-ROLLINS	DPCK	DEEP CREEK SAND
D-CDL	D SAND-CODELL	DSCR	DESERT CREEK
D-GRH	D-GREENHORN	DSMS	DES MOINES
D-J-O	D-J-O SANDS	DSND	D SAND
DCKM	DOCKUM	DUNE	DUNE SAND
DCMCR	DAKOTA-CEDAR MTN-CORCORAN	DWSN	DAWSON
DENNB	DAKOTA-ENTRADA-NIOBRARA	EMRY	EMERY
DEVN	DEVONIAN	EN-DK	ENTRADA-DOCKUM
DGCK	DOUGLAS CREEK	EN-GL	ENTRADA & GLORIETA
DJ-LK	DSND-JSND-LAKOTA	EN-LY	ENTRADA-LYONS
DJINJ	DENVER BASIN COMBINED DISPOSAL ZONE	ENBLM	ENTRADA-BLUFF-MORRISON
DJNCS	DKTA-J-NBRR-CODL-SUSX	ENBMR	ENTRADA-BLUFF-MORRISON
DJSND	D & J SAND	ENRD	ENTRADA
DK-BC	DAKOTA-BUCKHORN	ENTNG	ENTRADA-NUGGET
DK-CDL	DAKOTA-CODELL	EOCN	EOCENE
DK-CM	DAKOTA-CEDAR MOUNTAIN	EPUP	ENTRADA - PERMIAN - UPPER PENNSYLVANIAN
DK-GL	DAKOTA-GALLUP	ERCS	ERICSON
DK-J	DAKOTA-JSND	FCASLE	FNTN-AMZN-COUGR-LSTKA-LYNS-ENRD
DK-JD	DAKOTA-J SAND-D SAND	FCMVD	FRUITLAND COAL-MESAVERDE
DK-LK	DAKOTA-LAKOTA	FLNLW	FORT UNION-LANCE-LEWIS
DK-LY	DAKOTA-LYONS	FMNG	FARMINGTON
DK-MC	DAKOTA-MANCOS	FNTN	FOUNTAIN
DK-MR	DAKOTA-MORRISON	FRDK	FRONTIER-DAKOTA
DK-NB	DAKOTA-NIOBRARA	FRKR	FORAKER
DK-PR	DAKOTA-PURGATOIRE	FRLD	FRUITLAND
DK-SN	DAKOTA-SANASTEE	FRLDC	FRUITLAND COAL
DK-WB	DAKOTA-WEBER	FRLLE	FORELLE
DKCMM	DAKOTA-CEDAR MTN-MORRISON	FRMD	FRONTIER-MUDDY
DKENG	DAKOTA- ENTRADA-GLORIETA	FRPCL	FRUITLAND-PICTURED CLIFFS
DKENT	DAKOTA-ENTRADA	FRSC	FORT SCOTT
DKGP	DAKOTA GROUP	FRSD	FERRON SANDSTONE
DKGRC	DAKOTA-GREENHORN-CODELL	FRTR	FRONTIER
DKJCD	DAKOTA-J-CODELL	FT-LW	FORT UNION-LEWIS
DKJCS	DAKOTA-J SAND-CODELL-SUSS	FT-MV	FORT UNION-MESAVERDE
DKJNC	DAKOTA-J-NIOBRARA-CODELL	FT-WS	FORT UNION-WASATCH
DKJSX	DAKOTA-J SAND-SUSSEX	FTH-J	FORT HAYS-J SAND
DKMCB	DAKOTA-MANCOS B	FTHYS	FORT HAYS
DKMNB	DAKOTA-MUDDY-NIOBRARA	FTLN	FORT UNION-LANCE
DKMRS	DAKOTA-MORRISON-SALT WASH	FTUN	FORT UNION
DKNCD	DAKOTA-CODELL-NIOBRARA	FTUNC	FORT UNION COAL
DKPCF	DAKOTA-PICTURED CLIFFS	FUSN	FUSON
DKTA	DAKOTA	FWLLE	Fountain-Wolfcamp-Lyons-Lykins-Entrada
DMEDG	DKTA-PRGR-MRSN-ENRD-DCKM-GLRT	FXHLB	FOX HILLS BASE

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Code	Description	Code	Description
FXHLS	FOX HILLS	JDCNB	J-D-CODELL-NIOBRARA
GDMDG	GRRS-DKTA-PRGR-MRSN-ENRD-DCKM-GLRT	JFHC	J-FORT HAYS-CODELL
GLDR	GLACIAL DRIFT	JGGNC	JSND-GRANEROS-GREENHORN-NIOBRARA-CODELL
GLLP	GALLUP	JGRNC	JSND-GREENHORN-NIOBRARA-CODELL
GLMC	GILMORE CITY	JGRRS	JSND-GRANEROS
GLRT	GLORIETA	JNBCD	J-NIOBRARA-CODELL
GOSH	GOTHIC SHALE	JNBRR	J-NIOBRARA
GR-DK	GRANEROS - DAKOTA	JNBSX	J-NIOBRARA-SUSSEX
GRJD	GRANEROS DSND JSND	JNCKS	J-NIOB-CODL-DAK-SUSSEX
GRNHN	GREENHORN	JNCSN	J-CODELL-NIOBRARA-SHANNON
GRNNC	GREENHORN-NIOBRARA-CODELL	JNCSS	JSND-CODL-NIO-SUSX-SHAN
GRNT	GRANITE	JNCSX	J-CODELL-NIOBRARA-SUSSEX
GRRS	GRANEROS	JNFCS	J-NIOBRARA-FORT HAYS-CODELL-SUSSEX
GRRV	GREEN RIVER	JNFHC	J-NIOBRARA-FT HAYS-CODELL
GRSD	GREELEY SAND	JRSC	JURASSIC
GRTNB	GREENHORN-TIMPAS-NIOBRARA	JSND	J SAND
HEBNR	HEEBNER	JSXSN	JSND-SUSSEX-SHANNON
HHDC	HONAKER TR-HOVENWEEP-DESERT CREEK	JTPCD	J-CODELL-TIMPAS
HM-IS	HERMOSA-ISMAY	KDRK	KINDERHOOK
HN-DC	HONAKER TRAIL-DESERT CRK	KEYES	KEYES
HN-IS	HONAKER TRAIL-ISMAY	KRTL	KIRTLAND
HNKRT	HONAKER TRAIL	KSSC	KANSAS CITY
HNTSM	HUNTSMAN	L-D-M	LAKOTA-DAKOTA-MUDDY
HOVS	HOVENWEEP SHALE	LASAL	LASAL
HR-DS	HERMOSA/DESERT CREEK	LDVLL	LEADVILLE
HRDNG	HARDING	LECMP	LECOMPTON
HRFN	HUERFANO	LEWS	LEWIS SHALE
HRMS	HERMOSA	LFTUN	LOWER FORT UNION
HRSN	HARRISON	LG-MR	LANSING-MARMATON
HTCH	HATCH	LG-MS	LANSING-MISSISSIPPIAN
HYGN	HYGIENE	LG-PN	LANSING-PENNSYLVANIAN
IGLD	INGLESIDE	LGKC	LANSING-KANSAS CITY
ILES	ILES	LISMY	LOWER ISMAY
ILESC	ILES COAL	LKMR	LAKOTA-MORRISON
INTR	IGNEOUS SILL INTRUSIVE	LKNB	LAKOTA-NIOBRARA
IS-DC	ISMAY-DESERT CREEK	LKNS	LYKINS
ISMY	ISMAY	LKSN	LAKOTA-SUNDANCE
J-2	J-2 SAND	LKT-J	LAKOTA - J SAND
J-3	J-3 SAND	LKTA	LAKOTA
J-CDL	J-CODELL	LLWIS	LOWER LEWIS
J-GRH	J & GREENHORN	LN-FX	LANCE-FOXHILLS
J-O	J & O SAND	LN-LW	LANCE-LEWIS
J-SN	J SAND & SHANNON	LN-WS	LANCE-WASATCH
J-SX	J & SUSSEX	LNC-L	LANCE LOWER
JCDSX	J-CODELL-SUSSEX	LNC-U	LANCE UPPER
JCSUS	J-CODELL-SUSSEX-SHANNON	LNCE	LANCE

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Code	Description	Code	Description
LNFTW	LANCE-FORT UNION-WASTCH	MNCSB	MANCOS B
LNFYW	LANCE-FOXHILLS-WASATCH	MNKP	MOENKOPI
LNRD	LEONARD	MNKT	MINNEKAHTA
LNSNG	LANSING	MNRN	MINTURN
LOESS	LOESS	MOLS	MOLAS
LOYD	LOYD SS	MORG	MORGAN
LRMI	LARAMIE	MR-AT	MORROW-ATOKA
LSNGA	LANSING A	MR-FS	MARMATON-FORT SCOTT
LSNGB	LANSING B	MR-KY	MORROW-KEYES
LSNGC	LANSING C	MR-MN	MORAPOS-MANCOS
LSNGD	LANSING D	MR-MT	MORROW-MARMATON
LSTKA	LOWER SATANKA	MR-SN	MORRISON-SUNDANCE
LW-MV	LEWIS-MESAVERDE	MR-SW	MORRISON-SALT WASH
LWFTW	LEWIS-FORT UNION-WASATCH	MRKYS	MARMATON-KEYES
LWIS	LEWIS	MRON	MAROON
LWISA	LEWIS A ZONE	MRPS	MORAPOS
LY-NB	LYONS-NIOBRARA	MRRW	MORROW
LYKNS	LYKINS	MRRW1	MORROW V-1
LYLKA	LYONS-LAKOTA	MRRW2	MORROW V-2
LYNS	LYONS	MRRW3	MORROW 3
LYTL	LYTLE	MRRW4	MORROW V-4
M-O-W	MISSISSIPPIAN-OSAGE-WARSAW	MRRW5	MORROW V-5
MCKK	MCCRACKEN	MRRW6	MORROW V-6
MCCL	MCCLAVE	MRRW7	MORROW V-7
MCDM	MC DERMOTT	MRRWA	MORROW A
MD-DK	MUDDY-DAKOTA	MRRWB	MORROW B
MD-FS	MUDDY-FUSON	MRRWU	MORROW-UPPER
MD-LK	MUDDY-LAKOTA	MRSN	MORRISON
MD-SK	MUDDY-SKULL CREEK	MRTFS	MARMATON-TOPEKA-FT SCOTT
MDDY	MUDDY	MRTN	MARMATON
MDDYD	MUDDY D	MRV11	MORROW V-11
MDDYJ	MUDDY J	MS-KY	MISSISSIPPIAN-KEYES
MDLYS	MUDDY-LYONS	MS-MW	MISSISSIPPIAN-MORROW
MDMW	MUDDY-MOWRY	MS-OS	MISSISSIPPIAN-OSAGE
MDSN	MADISON	MS-PN	MISSISSIPPIAN-PENNSYLVANI
ME-PL	MENEFEE-POINT LOOKOUT	MS-SL	MISSISSIPPIAN-ST LOUIS
MENF	MENEFEE	MS-SP	MISSISSIPPIAN-SPERGEN
MENFC	MENEFEE COAL	MSND	M SAND
MFUNB	MUDDY-FUSON-NIOBRARA	MSPOS	MISS.-SPERGEN-OSAGE
MK-SR	MOENKOPI-SHINARUMP	MSSP	MISSISSIPPIAN
MM-MW	MARMATON-MORROW	MSSR	MISSOURI
MN-EM	MANCOS-EMERY	MT-CRK	MARMATON-CHEROKEE
MN-SE	MANCOS-SEGO	MULTI	MULTIPLE FORMATIONS
MNCAB	MANCOS A & B	MV-SN	MESAVERDE-SANASTEE
MNCS	MANCOS	MVDK	MESAVERDE-DAKOTA
MNCSA	MANCOS A	MVMNB	MESAVERDE-MANCOS B

## COGCC Formation Codes

Code	Description	Code	Description
MVRD	MESAVERDE	OURAY	OURAY
MVRDC	MESAVERDE COAL	PAWN	PAWNEE
MWRY	MOWRY	PAWNA	PAWNEE A
N-COM	NOT COMPLETED	PAWNB	PAWNEE B
N-COM1	NOT COMPLETED	PC-MV	PICTURED CLIFFS-MESAVERDE
N-COM2	NOT COMPLETED	PCCF	PICTURED CLIFFS
N-COM3	NOT COMPLETED	PCKK	PICEANCE CREEK
N-COM4	NOT COMPLETED	PCMB	PRECAMBRIAN
N-T-C	NIOBRARA-TIMPAS-CODELL	PCMDK	PICT CLIFFS-MESAVERDE-DAK
NA	NOT APPLICABLE	PENN	PENNSYLVANIAN
NAVA	NAVAJO	PHCK	PARACHUTE CREEK
NB-CD	NIOBRARA-CODELL	PLZOC	PALEOZOIC
NB-FH	NIOBRARA-FT HAYS	PNATK	PENNSYLVANIAN-ATOKA
NB-FR	NIOBRARA-FRONTIER	PNLK	POINT LOOKOUT
NB-SN	NIOBRARA-SHANNON	POCNC	POISON CANYON COAL
NB-SR	NIOBRARA-SHARON SPRINGS	PR-AP	PIERRE-APISHAPA
NB-SX	NIOBRARA-SUSSEX	PR-DK	PURGATOIRE-DOCKUM
NB-TM	NIOBRARA-TIMPAS	PRDX	PARADOX
NBCDL	NIOBRARA-CODELL-LYONS	PRGR	PURGATOIRE
NBCSN	NIOBRARA-CODELL-SHANNON	PRKM	PARKMAN
NBCSX	NIOBRARA-CODELL-SUSSEX	PRKNC	PARKMAN-NIOBRARA-CODELL
NBCTB	NIOB-CODELL-TEPEE BUTTES	PRMN	PERMIAN
NBFHC	NIOBRARA-FT HAYS-CODELL	PRRE	PIERRE
NBFHS	NIOBRARA-FT HAYS-SUSSEX	PRREA	PIERRE A
NBGFR	NIOBRARA-GREENHORN-FRONTI	PRREB	PIERRE B
NBRR	NIOBRARA	PSPR	PHOSPHORIA
NBSSX	NIOBRARA-SHANNON-SUSSEX	RCRD	RICHARD
NBTCL	NIOBRARA-TIMPS-CODL-LAKOT	RCZCR	ROLLINS-COZZETTE-CORCORAN
NBTSX	NIOBRARA-TIMPAS-SUSSEX	RDCV	RED CAVE
NCMN	NACIMIENTO	REGN	REAGAN
NESLC	NESLEN COAL	RL-WF	ROLLINS-WILLIAMS FORK
NEVA	NEVA	RLNS	ROLLINS
NFCC	NIOBRARA-FORT HAYS-CODELL-CARLILE	RMVWS	ROLLINS-MESAVERDE-WASATCH
NFCSX	NIOB-FT HYS-CODELL-SUSSEX	ROLCM	ROLLINS-CAMEO
NGSD	NUGGET SANDSTONE	ROLCR	ROLLINS-CORCORAN
NOTSP	NOT SPECIFIED	RT-VJ	RATON-VERMEJO COALS
NTCSX	NIOBRARA-TIMPAS-CODL-SUSS	RTON	RATON COAL
OGLL	OGALLALA	RTONS	RATON SAND
OGRK	ORGAN ROCK	RTS-VJ	RATON SAND - VERMEJO COAL
OHCRK	OHIO CREEK	SCRL	STONE CORRAL
OJAM	OJO ALAMO	SD-NG	SUNDANCE-NUGGET
OLGCN	OLIGOCENE	SECSG	SEGO - CASTLEGATE
ORDV	ORDOVICIAN	SEGO	SEGO
OS-AB	OSAGE-ARBUCKLE	SGDC	SANGRE DE CRISTO
OSAGE	OSAGE	SHLE	SHALE
OSND	O SAND	SHSP	SHARON SPRINGS

## COGCC Formation Codes

Code	Description	Code	Description
SHWNE	SHAWNEE	TOPKB	TOPEKA B
SIMSN	SIMPSON	TOPKC	TOPEKA C
SKCRK	SKULL CREEK	TORCH	TORCH
SL-DV	SILURIAN-DEVONIAN	TORON	TORONTO
SLRN	SILURIAN	TP-CD	TIMPAS-CODELL
SLTW	SALT WASH	TP-FS	TOPEKA-FORT SCOTT
SMKH	SMOKY HILL	TP-LK	TIMPAS-LAKOTA
SMLM	SUNDANCE-MORR-LAKOTA-MDDY	TP-LS	TOPEKA-LANSING
SMVL	SUMMERVILLE	TPABC	TOPEKA A B C
SN-CD	SHANNON-CODELL	TPBT	TEEPEE BUTTES
SN-MO	SUNDANCE-MORRISON	TPKBC	TOPEKA B & C
SN-TP	SHANNON-TEEPEE BUTTES	TPKSH	TOPEKA-SHAWNEE
SNDC	SUNDANCE	TPKWB	TOPEKA-WABAUNSEE
SNJS	SAN JOSE	TPLCLS	TOPEKA-LECOMPTON-LANSING
SNSD	SHANNON	TPLFS	TOPEKA-LANSING-FT SCOTT
SNST	SANASTEE	TRCK	TROUT CREEK
SP-OS	SPERGEN-OSAGE	TRDD	TRINIDAD
SPABK	SPERGEN-ARBUCKLE	TRTY	TERTIARY
SPGN	SPERGEN	TUNK	TUNUNK
SRMP	SHINARUMP	UNK	UNKNOWN
SRMWB	SHINARUMP/MOENKOPI/WEBER	VLCC	VOLCANICS
SSNCD	SUSSEX-SHANNON-NIOB-CODL	VRGL	VIRGIL
STCH	SAWATCH	VRMJ	VERMEJO COAL
STGV	ST GENEVIEVE	W-N-L	WOLFCAMP-NEVA-LANSING
STJO	ST JOE	WBNS	WABAUNSEE
STLLN	ST LOUIS-LANSING	WEBR	WEBER
STLS	ST LOUIS	WFCGW	WOLFCAMP GRANITE WASH
STLSP	ST LOUIS-SPERGEN	WFCM	WILLIAMS FORK - CAMEO
STMTN	STONY MOUNTAIN	WFCMC	WILLIAMS FORK-CAMEO COAL
SUDD	SUDDUTH COAL	WFCMP	WOLFCAMP
SUSX	SUSSEX	WFCMS	WILLIAMS FORK - CAMEO SD
SW-DK	SALT WASH-DAKOTA	WFFMV	WASATCH-FORT UNION_FOX HILLS_MESA VERDE
SX-CD	SUSSEX-CODELL	WFILM	WILLIAMS FORK- ILES - MANCOS
SX-MD	SUSSEX-MUDDY	WFILS	WILLIAMS FORK-ILES
SX-SN	SUSSEX-SHANNON	WFULW	WASATCH-FT UNION-LEWIS
SXSCD	SUSSEX-SHANNON-CODELL	WFUMV	WASATCH-FT UNION-MESAVERD
SXTCD	SUSSEX-TIMPAS-CODELL	WHLRC	WHEELER COAL
TDLT	TODILTO	WMFK	WILLIAMS FORK
TDWL	TIDWELL	WMFKC	WILLIAMS FORK COAL
TMPS	TIMPAS	WMRCM	WILLIAMS FK-ROLLINS-CAMEO
TNLP	TENSLEEP	WNGT	WINGATE
TOCT	TOCITO	WOSJA	WARSAW-OSAGE-ST JOE-ABCK
TOPAB	TOPEKA A & B	WROSG	WARSAW-OSAGE
TOPAC	TOPEKA A C	WRSW	WARSAW
TOPK	TOPEKA	WRVR	WHITE RIVER
TOPKA	TOPEKA A	WSGR	WASATCH-GREENRIVER

## COGCC Formation Codes

<b>Code</b>	<b>Description</b>	<b>Code</b>	<b>Description</b>
WSMVD	WASATCH-MESAVERDE		
WSTAB	WASATCH A & B		
WSTAG	WASATCH A & G		
WSTC	WASATCH		
WSTCA	WASATCH A		
WSTCB	WASATCH B		
WSTCD	WASATCH D		
WSTCF	WASATCH F		
WSTCG	WASATCH G		
WSTFG	WASATCH F & G		
XBEN	X BENTONITE		