
Subject Index

This index comprises author-supplied and title keywords from Bureau and geological society publications; individual sections of longer Bureau publications are not indexed.

Many of the publications cited in this index are out of print (OP) and available in photocopy form only, and some are available from University Microfilms International in Ann Arbor, Michigan; see the individual publication listings for availability and prices.

Bureau Publication Code Abbreviations

AR = Annual Report	EM = Educational Material	IS = Index Series	RB = River Basins
AT = Atlas	ER = Energy Resources Map	LOP = List of Publications	RI = Report of Investigations
BA = Bouguer Gravity Atlas	GA = Geologic Atlas of Texas	MC = Mineral Resource	RK = Rock Kit
BL = Bulletin (UT)	Sheet	Circular	RN = Research Note
BS = Bibliography Series	GB = Guidebook	MM = Miscellaneous Map	SL = Submerged Lands
BX = Highway Geology Map of Texas	GC = Geological Circular	MP = Mineral Producers List	SM = State Map
CS = Cross Section	GF = Geological Folio	MR = Mineral Resource Pamphlet	SP = Symposia
DE = Down to Earth	GQ = Geologic Quadrangle Map	MS = Mineral Resource Survey Circular	SR = Special or Other Publication
EA = Environmental Geologic Atlas	HB = Handbook	PB = Publication (UT)	SW = Software or Digital Data
	HX = Logging forms		WR = Well Record Circular

Geological Society Publication Code Abbreviations

AGS = Austin Geological Society	CCGS = Corpus Christi Geological Society	HGS = Houston Geological Society	NOGS = New Orleans Geological Society
ALGS = Alabama Geological Society	GCAGS = Gulf Coast Association of Geological Societies	LGS = Lafayette Geological Society	STGS = South Texas Geological Society
		MGS = Mississippi Geological Society	

abandoned oil fields, GC8503

Abilene area, GA0001

Acala quadrangle, OFSM042

acoustic logs, GC8705

active piercement, RI0224

advection, RI0207

aggregate, MC0084, RN0004

Agua Dulce field, SW0003

Agua Fria quadrangle,

MM0001, RI0015

airborne geophysics, RI0257

Alabama, ALGS LW1

Appalachians, ALGS GB 11,

ALGS GB 23, ALGS GB 31,

ALGS GB 37

Birmingham area,

ALGS GB 16

Cahaba Synclinorium,

ALGS GB 28

coastal plain geology,

ALGS GB 4

coastal sedimentation,

ALGS GB 10

Coosa deformed belt,

ALGS GB 12

Cretaceous formations,

ALGS GB 20, MGS 101G,

MGS 105G

depositional sequences,

ALGS GB 29

facies changes,

ALGS GB 4, ALGS GB 6

Mississippian system,

ALGS GB 28, ALGS GB 30

Talladega Metamorphic

Front, ALGS GB 11

Alamo Creek Basalt, RI0240

Alaska, RI0179

Albian, RI0028

Algerita Escarpment, RI0235

Alibates Formation, GC8108

alkalic rocks, RI0183

alkali lakes, BL2234

Allamore district, GC7301

alluvial fans, RI0198

Almond Formation, RI0138

Alta Loma field, GC9004

aluminum, MC0018, MC0067

Amarillo area, BA0001, GA0002

ammonites, ammonoids,

BL1762, BL1856, BL2748,

BL3701, GC7202, PB6304,

RI0028

Anacacho asphalt deposits,

STGS 209G

Anadarko Basin, RI0106,

RI0213

analog simulation, RI0215

Anderson County, GA0024,

GA0035, MS0022, MS0044

Andrews County, GA0017

Angelina County, MS0017

Anhalt quadrangle, OFSM095

anhydrite diagenesis, RI0195

anticlinal theory, BL1822

Apache Mountains, GQ0035

Appalachian Miogeocline

(Alabama), ALGS GB 22

Appalachian Mountains

(Alabama), ALGS GB 12,

ALGS GB 23, ALGS GB 30,

ALGS GB 31, ALGS GB 37

aquifers, MC0076, RI0189,

SM0009

Carrizo-Wilcox, RI0256,

SM0009

characteristics, GC8303,

RI0205, SM0009

Edwards aquifer, MM0038,

RI0141, RI0192, RI0238,

RI0250, SM0009

Gulf Coast aquifer, GC7704,

RI0108, SM0009

management, RI0250,

RI0256

Ogallala aquifer, GC8803, RI0177, RI0229, RI0236, RI0242, SM0009
⁴⁰Ar/³⁹Ar, RI0240, RI0253
Aransas Bay, GC9301
Aransas County, GA0004, GA0010
archeology, GB0022
areal geologic map index, IS0001
arid-land hydrochemistry, GC9005, RI0261
Arkansas, AT0007, RI0137, MGS 103, NOGS 11
Armstrong County, GA0002, GA0027, RI0032
asbestos, GC7301
ash (volcanic), MS0002
ash-flow tuffs, GB0023, RI0151, RI0183, RI0206, RI0240, RI0253
asphalt, MS0011, STGS 209G
Atascosa County, BL2230, GA0011, GA0029, MS0047, WR0001
atlases, AT0001, AT0002, AT0005, AT0007, AT0012, AT0015
Atoka Group, RI0125
atolls, PB5607
Austin area
digital elevation model, EM0006
Edwards aquifer, RI0141, RI0192
environmental geology, RI0086
guidebooks, DE0001, GB0005, GB0013, GB0016
Lake Travis area, RI0084
maps, EM0006, GA0003, GQ0038, MM0016
Austin Chalk, GC9002, GC9802, AGS 007
Austin County, GA0003, GA0030
Austin Formation, BL2230
Austin West quadrangle, GQ0038
Australia, RI0231
“bad water” zones, RI0141
Bailey County, GA0007
Balcones Escarpment, GC7505
Balcones Fault Zone, BL2744, RI0192
faults and fractures, AGS 013
maps, MM0038, MM0039
Balcones/Quachita Trend, GC8201
ball clay, PB5019
Bandera County, GA0029, WR0002
Bandera quadrangle, OFSM001
Barbers Hill salt dome, RI0176
barite, MC0004, MC0011, MC0085, MS0035
barite scale, GC9503
barium, MC0085
barrier bars, GC9401, RI0144
barrier inlets, RI0144
barrier islands, GB0011, GC8505, GC8901, GC9004
barrier/strandplain, GC9402, RI0152, RI0217
Barrilla Mountains, RI0008
Barton Creek, AGS 014
Barton Springs, RI0141, AGS 006, AGS 014
basement rocks, PB5605
basin and range, GB0027, MM0036, RI0240, RI0253
basin comparison, RI0228
basin evolution, RI0216
basin hydrodynamics, RI0165, RI0202
basin subsidence, RI0156
Bastrop County, GA0003, GA0030, MR0003, MS0020
Bastrop quadrangle, OFSM108
Bastrop SW quadrangle, OFSM109
Bat Cave quadrangle, OFSM097
bathymetry map, GCAGS 403M
bauxite, MC0018
Bay City area, EA0001, GA0005, SL0001
Baylor County, GA0038, MM0008, MS0031
beaches, GC8505, GC9703; *see also* shoreline changes
Bear Creek quadrangle, GQ0012
Beaumont area, EA0002, GA0004
bedrock, RI0259
Bee County, GA0005, GA0011
Bee Mountain Basalt, RI0240
Beeville–Bay City area, GA0005
Bell Canyon Formation, RI0255
Bell County, BL3016, MS0012, WR0003
Edwards aquifer, RI0192, AGS 008
maps, GA0003, GA0037, MM0008
Bend limestone, BL2703
benthic macroinvertebrates, SL0001–SL0007
bentonites, GB0003, MC0003, MS0017, MS0030, MS0041, MS0042, MS0048
benzene, GC9701
Berea Sandstone, RI0138
Bergheim quadrangle, OFSM025
Bexar County, BL1932, BL2230, GA0029, MM0038, MS0002
bibliographies and indexes
clastic depositional systems, EM0001
Gulf Coast geology, GCAGS 113, GCAGS 317BC
Texas geology, BL3232, BS0001–BS0004, PB5015, PB5910
Trans-Pecos Texas minerals, MC0073
well data, IS0004, IS0005
Big Bend, MM0034, PB6711, RI0014, RI0183, RI0240
guidebooks, DE0002, GB0007, STGS 210G
Big Bend Ranch State Park, GB0027, RI0253
Big Brown Lignite Mine, RI0160
Big Spring area, BA0002, GA0006
Big Wells (San Miguel) reservoir, RI0153
biostratigraphy, GCASGS 203R
bituminous coal—*see* coal
Blach Ranch–Crystal Falls, RI0041
Black Gap Area, GQ0030
Blacklands Experimental Watershed, RI0012
Black Mesa, RI0240
black shale, RI0201
Black Warrior Basin, ALGS GB 19, MGS 104G
Blackwater Draw Formation, GB0024, RI0239, RI0242, SP0006
Blair Formation, RI0138
Blanco area (Hays County), MM0016
Blanco County
dolomite, MC0025
maps, GA0020, GQ0010, GQ0025, GQ0027, GQ0029, GQ0033, GQ0034, GQ0043, GQ0044, GQ0046, GQ0047, GQ0049–GQ0051, MM0007, MM0012
serpentine, MC0014, MC0025, RI0004
Blanco Lake quadrangle, OFSM123
bleaching clay — *see* clays
Blowout quadrangle, GQ0005
Boerne quadrangle, OFSM026
Bofecillos Mountains, GB0027, GQ0037, RI0240, RI0253
Boling Dome, GC8802
Bolivar Roads, GC7402, GC7506
bomb ³⁶Cl, RI0207
bomb ³H, RI0207
Boquillas Formation, RI0240
Borden County, GA0006
borehole ellipticity, RI0204
Bosque County, GA0013, GA0037
Bowie County, GA0033
Bowie Group, RI0170
brachiopods, BL3042, RI0047
Bracken area, MM0016
braided streams, RI0231
Brazoria County, GA0005, GA0018, MC0031
Brazos County, GA0003
Brazos Island, GC7502
Brazos River area, GB0011, GC7504, GC9703, PB3801, RI0155
Brazos River valley, RI0046, STGS 208G, STGS 506SV
breccias, GC9702
Brewster County
Agua Fria quadrangle, MM0001, RI0015
Big Bend — *see* Big Bend
Black Gap Area, GQ0030
Cathedral Mountain quadrangle, MM0003, RI0025
fluorspar, GC6702
Hood Spring quadrangle, MM0017, RI0021
maps, GA0015, MM0013, MM0029
Rosillos Mountains, MM0005
Solitario, MM0029
Terlingua quicksilver deposit, MC0007
well logs, WR0004
Bridgeport area, BL1758, BL3019
Briggs quadrangle, OFSM116
bright spots, RI0237
brine, GC9004, RI0155, RI0157, RI0176
Briscoe County, GA0027, MC0019
bromide, RI0207
Brooks County, GA0019, GA0023
Brown County, GA0001, GA0008, MM0008, MM0026, PB3801
Brown Dolomite, RI0169
Brownfield area, BA0003, GA0007
Brownsville area, EA0003, GA0023
Brownwood area, GA0008
Brownwood Shale, BL3019
brucite, GC8703
Buck Hill quadrangle, RI0006
Buckner quadrangle, RI0112
Buda Limestone, RI0240
building stones, MS0010, MS0014, PB4246
New Orleans, NOGS 25
Bulverde quadrangle, OFSM021
Bureau of Economic Geology, BL0035, SR0009
Burleson County, GA0003, RI0055, STGS 201G
Burnet County, asphalt, MS0011
building stone, MS0010
copper, MS0005, MS0009
fluorite, MC0027
maps, GA0020, GQ0041, GQ0044, GQ0047, MM0012
minerals, MS0005, MS0009–MS0011
Caballos Novaculite, RI0240
Cahaba Synclinorium, ALGS GB 28
Cain City quadrangle, GQ0013
calcification, RI0208
calcrete, RI0239
calderas, GB0023, GC8102, RI0151, RI0183, RI0206, RI0240, RI0253
Caldwell County, BL2239, GA0003, GA0030, WR0005
Calhoun County, GA0005

Cooper Basin, RI0231
Coosa deformed belt (Alabama), ALGS GB 12
Copano Bay, GC9301, RI0103
copper, MC0024, MS0005, MS0009, RI0016, RI0080, RI0145
co-production, GC9004
Corcoran Sandstone, RI0138
cores, GC9702, RI0182
coring-induced fractures, RI0204
Corpus Christi area, EA0004, GA0010, RI0095, RN0009; Bay, GC8406; Port, RI0043
Coryell County, GA0008, GA0037
Cottle County, GA0021, GA0027
Cotton Valley, GC8405, RI0138
Cotton Valley Formation (Mississippi), MGS 108G
Coupland quadrangle, OFSM110
Cowden field, South, RI0247, RI0260
Coyanosa field, GC9901
Cozette Sandstone, RI0138
Crabapple Creek quadrangle, GQ0003
Crane County, GA0025, RI0168, RI0190
Creationism, NOGS 27
Cretaceous (by area)
 Alabama, ALGS GB20
 Austin area, AGS 004
 Brazos River valley, STGS 208G
 Central Texas, BL2612, GC6503, GC6901
 East Texas, GC 9103
 Georgia, ALGS GB 20
 Llano Estacado, RI0020
 Mexico, BL2748, RI0065, RI0089
 North-Central Texas, GC7601, RI0094
 Northeast Texas, GC7708, RI0073
 North Texas, BL2907
 South-Central Texas, STGS 202G, STGS 212G
 South Dakota, RI0251
 South Texas, BL2748, RI0152, STGS 202G
 Trans-Pecos Texas, RI0240
 Utah, RI0263, SW0010
Cretaceous (by topic)
 ammonites, BL2748, GC7202, PB6304, RI0028
 foraminifers, BL2612, RI0022
 fossils, BL1902, BL2838
 limestone, RI0056
 ostracodes, BL2907
 pectinids, BL1817
 rocks, STGS 212G
 sands, RI0059
 stratigraphy, MM0039, RI0058, RI0065
 volcanism, AGS 004
Cretaceous-Tertiary, RI0139, STGS 208G
Cretaceous-Wilcox-Frio symposia, CCGS 002S
Crockett County, BL1857, GA0028, GA0032, WR0008
Crosby County, GA0021
cross sections, CS0001-CS0011, GC7605
crushed stone, MC0084, MS0037
Crystal City–Eagle Pass area, GA0011
Culbertson County, GC7301, RI0016, RI0019, maps, GA0036, GQ0021, GQ0024
 oil and gas, BL2346, RI0255
Cut Bank field (Montana), GC0101
cyclic deposition, RI0197
cyclicality, RI0156, RI0214, RI0260
Dagger Flat Sandstone, RI0240
Dakota Sandstone, RI0138
Dalhart area, BA0005, GA0012
Dalhart Basin, GC8008, RI0106
Dallam County, GA0012
Dallas (city), GC7801
Dallas County, BL1818, GA0013, GQ0042, RI0048
Damon Mound, GC8801, MS0031, PB4301
databases, AT0012, AT0015
data sets, SW0003, SW0007, SW0008
Davis Mountains, GQ0036
Davis sandstone, RI0138
Dawson County, GA0006, GA0017
Deep-Basin Brine aquifer, GC8501, RI0159, RI0169
deep-basin brines, RI0166
 lignite, GC8303, GF0001, GF0003
deep-water sandstones, RI0255
deformation styles, GC804
Delaware Basin, GB0026, GC9901, MC0085, RI0184, RI0255, SW0008
Delaware Mountain Group, RI0255
Del Carmen Limestone, RI0240
Del Rio area, GA0014, PB6017
Del Rio Clay, BL1902, RI0240
Del Rio NE quadrangle, OFSM070
Del Rio NW quadrangle, OFSM002
Del Rio SE quadrangle, OFSM071
Del Rio SW quadrangle, OFSM003
Delta County, GA0033
delta facies, GC8608
deltaic reservoirs, RI0221, SW0010
deltaic sand and sandstones, NOGS 31
deltaic sedimentation, RI0231
delta(ic) systems, EM0002, GC9004, RI0107
deltas, GC9201, RI0152, RI0219, HGS 102SV, HGS 103SV
Denton County, BL2544, GA0031, GQ0042, MM0009, RI0048
denudation, RI0163
depositional architecture, GC8205, RI0097, RI0263
depositional cycles, CS0011
depositional environments, GB0020, RI0188, RI0214, RI0219
 Alabama, MGS 105G
 central Mississippi, MGS 106G NOGS 14
 Pottsville Formation (Black Warrior Basin), ALGS GB 19
 South Texas, GCAGS 505SV, CCGS 108G
depositional episodes, CS0010, GC7401
depositional facies, RI0099, RI0186, RI0216
depositional history, CS0011, GC8009, GC8502, GC8809
 Alabama, ALGS GB 23
depositional models, GC6903, RI0094, RI0201
depositional sequences, RI0182, RI0200, RI0210
depositional systems
 Buckner Formation, RI0112
 Canyon Group, RI0082
 Catahoula Formation, RI0087
 clastic, EM0001
 Cotton Valley, GC8405
 Ellenburger Group, RI0193
 Fruitland Formation, RI0218
 Gulf Coast/Coastal Plain, GC9201, RI0150, RI0174, GCAGS 201R
 Hackberry Sandstone, GC8407
 Hosston, GC8405
 Jackson Group, GC7004
 low-permeability, RI0138, RI0234
 Nacatoch Formation, RI0137
 North-Central Texas, GC7601, RI0075, RI0197
 Ogallala Formation, RI0105
 Olmos Formation, RI0152
 Palo Duro Basin, RI0102, RI0182
 Paluxy Formation, GC7708
 Pennsylvanian, GB0014, RI0075
 Quaternary, RI0108
 Queen City Formation, GC7204
 San Andres Formation, RI0156
San Angelo Formation, RI0080
Sand Wash Basin, RI0220
Smackover Formation, RI0112
southeast Texas, RI0200
southwestern Louisiana, RI0210
Sparta Formation, GC7707
Tertiary, RI0108
Wilcox Group, GC6704, GF0001, GF0002
Woodbine Formation, RI0073
desert soils, RI0199
Devils Backbone quadrangle, OFSM031
Devils River Trend, STGS 207G
Devonian, MM0002, RI0031, RI0216, RI0230
DeWitt County, RI0005, RI0030
D'Hanis quadrangle, OFSM084
Diablo Canyon West quadrangle, OFSM122
Diablo Plateau, BL1852
diagenesis, RI0149, RI0178, RI0194, RI0216, RI0231
 Austin Chalk, GC9802
 Canyon Sandstones, RI0232
 Ellenburger Group, RI0193
 Frio Formation, GC9302
 Grayburg Formation, RI0263
 Hosston Formation, RI0109
 Sligo Formation, RI0109
diapirism and diapirs, RI0173, RI0181, RI0209, RI0215, RI0224, RI0246, RI0262
Damon Mound, GC8801
East Texas, GC8401, RI0140,
Gulf Coast, NOGS 01
Oakwood Dome, GC8401, RI0143
diatomite, MC0032
Dickens County, BL0363, GA0021
differential loading, RI0212
diffusion, RI0207
digital elevation model, EM0006
dike, RI0240
dimension stone, MC0082
Dimmit County, GA0011, RI0153
Ding Dong quadrangle, OFSM036
dipmeters, GC9401
discharge, GC8803, RI0177
distillate, MM0021, MM0022
Dockum Group, RI0097, RI0161, RI0182
dolomite, RI0056, RI0168, RI0178, RI0208, RI0235
 Blanco County, MC0025
 Gillespie County, MC0025
 statewide, MC0084
dolomitization, GC6901
domes, RI0139, RI0240

Donley County, GA0002, GA0027
drainage, GC8106, RI0163
drill-stem testing, RI0157
Driver waterflood unit, RI0172
Dry Branch quadrangle, GQ0017
Duck Creek Formation, GC8803
Dune field, GC9003, RI0168, RI0190
dunes, GB0021, RI0092
Dunman Mountain quadrangle, GQ0044
Duval County, GA0011, GA0019
Duval County Ranch, GC9504
Eagle Ford Formation, GQ0042
Eagle Mountains, GQ0026, MC0026
Eagle Pass area, GA0011
earthquakes, BL2609, GC8403, GC8903
East Bay, GC8603
Eastern Shelf, RI0170, RI0197
Eastland County, GA0001, MM0008
East Texas
clays, GB0009, GC6501
geology, BL1869
lignite, GC7602, GC8303, RN0001
mineral resources, GB0009, RI0054
Oakwood Dome—*see* Oakwood Dome
rock resources, RI0054
salt domes, GC8301, GC8206
seismic data, GC8403
Travis Peak Formation, RI0164, RI0185, RI0204
Wilcox Group—*see* Wilcox Group
East Texas Basin
cross sections, CS0004
fault tectonics, GC8204
geohydrology, GC8012, GC8107
Landsat analysis, RI0167
lineaments, RI0110, RI0167
nuclear waste isolation, GC8401, RI0139
oil fields, GC8503
salt domes, RI0140
East Texas Embayment, GC8004
economic analysis, RI0142
economic geology
South-Central Texas, STGS 204G
statewide, BL3401, SR009
Texas Gulf Coast, GC8902
Trans-Pecos Texas, RI0145
economics, MC0076
Ector County, GA0017, GA0025, RI0247, RI0260
Eddleman Coal, RI0064
Edwards aquifer, MM0038, MM0039, RI0238, RI0250
Austin area, RI0141, AGS 006, AGS 019
Balcones segment, AGS 011
Bell County, AGS 008
Hays County, AGS 006, AGS 019
northern segment, RI0192, AGS 008, AGS 011
Travis County, AGS 006, AGS 008, AGS 019
Washita Prairie segment, AGS 011
Williamson County, AGS 008
Edwards core study (Caldwell, Milam, and Guadalupe Counties), MM0010
Edwards County, GA0014, GQ0053, WR0009
Edwards field, GC9003
Edwards Formation, GC6901
Edwards Group, RI0074
Edwards Limestone, GC8803, PB5905, AGS 018
Edwards Plateau, CS0011, GC7802, MM0039
Edwards Reef, GB0015
effective-porosity distribution, RI0169
electrical microresistivity images, GC9702
electric power, GC7803
electromagnetic induction, RI0257, RI0261
electromagnetic methods, RI0225
Elgin East quadrangle, OFSM111
Elgin quadrangle, MM0016
Elgin West quadrangle, OFSM112
Ellenburger Formation, Group, BL1849, BL2703, GC9702, GC9901, MC0034, PB4621, RI0011, RI0147, RI0186, RI0193, RI0203
Ellis County, GA0013
El Paso area, GA0036, MM0013, MM0040
El Paso quadrangle, OFSM050
Emma field, RI0178
Emory Peak–Presidio area, GA0015
Enchanted Rock, MM0011
energy policy, SR0006
energy reserves and resources, EM0001, GC7805, GC7904
engineering geology, GC7203, GC7507, GC8504, RI0084, RN0009
enhanced recovery, RI0142, RI0231
environmental geology, RI0081
Austin area, RI0086
East Texas, GC7602
Houston area, EA0005, HGS 105SV
South-Central Texas, MM0039
Texas Coastal Zone, EA0001-EA0007, GC7003, GC7607
Wilcox Group lignite belt, RI0090, RI0098
Yegua-Jackson lignite belt, RI0129
Eocene, GC7707, GC7804, PB5704, PB6413, RI0014, RI0175
eolian processes, GB0022, RI0239
ephemeral lakes and streams, RI0163, RI0198
Equidae, PB5516, RI0033
Erath County, GA0001, GA0008, GA0013, MS0026
erosion, GB0022, GC8011, GC8203, RI0162, RI0163, RI0229
Esperanza quadrangle, OFSM051
Espiritu Santo Bay, GC8701
etched potholes, BL2509
eustasy, RI0197
eustatic sea-level change, RI0156
Evangeline aquifer, RI0176
Evaporite aquitard, RI0165
evaporites, CS0008, GC8104, GC8108, GC8703, GC0001, RI0156, RI0157, RI0184, RI0214
evolution, NOGS 27
Exogyra, BL1902
exploration fairways and sweet spots, RI0244
extension, RI0209, RI0246
extension tectonics, RI0215
extrusive salt, RI0262
fabric, RI0143
facies, GC8009, GC9802, RI0067, RI0178
Paleozoic, AGS 010
facies analysis, EM0001, GC8502, RI0252
facies architecture, GC9201
facies changes, ALGS GB 4, ALGS GB 6
Falling-Weight Deflectometer, RI0259
Fall Prong quadrangle, GQ0019
Fall River Formation, RI0251
Falls City area, STGS 203G
Falls County, GA0037, MS0006, WR0010
Fannin County, GA0031, GA0033
Fashing area, STGS 203G
faulting and faults, GC7806, RI0209, RI0246
Balcones Fault Zone, AGS 013
Central Texas, AGS 013, GCAGS 402M
Coastal Zone, RI0085, RN0005, RN0008
East Texas, GC8204, GC8401, RI0110
Houston area (Harris County), HGS 105SV, HGS 203G
Houston County, MC0023
Hueco Basin, GC9102, RI0196
Palo Duro Basin, RI0187
South Louisiana, GCAGS 401M
Trans-Pecos Texas, RI0245
Wilcox, RI0154
fault scarps, RI0196
faunas, BL3042, RI0014, RI0024, RI0047, RI0048, RI0062
Fayette County, GA0003, GA0030, MS0027, WR0011
feldspar, MS0045
Ferron Sandstone, RI0249, SW0010
field development, RI0248
field trip guidebooks, GB0001-GB0027
finite-difference model, RI0242
finite-element models, RI0224
finite-strain analysis, RI0143
Fischer quadrangle, OFSM030
Fisher County, GA0038, MM0008
fissures, GC9202
Flat Rock Creek SW quadrangle, OFSM072
Flat Rock Crossing quadrangle, OFSM086
Fleming, RI0150
floods, GC7505, AGS 001
Florence quadrangle, OFSM035
flow folds, RI0173, RI0181
flow models, RI0208
flow structures, RI0143
Floyd County, GA0021, GA0027
fluid inclusions, MC0085
fluorite, MC0027
fluorspar, GC6702, HB0003, MC0026
fluvial architecture, RI0221, RI0251
fluvial-deltaic systems, GC6904, GC8202, RI0213, RI0227, RI0249, RI0252, SW0010
fluvial depositional systems, GC9201
fluvial environment, SW0003
fluvial reservoirs, GC9501
fluvial sedimentation, RI0175
fluvial systems, GC8205, GC9004, RI0239
Foard County, BL2607, GA0038, MM0038
folding and folds, GC8404, RI0143, RI0240
foraminifers, BL2612, BL2644, BL3019, RI0022
forceful intrusion, RI0224
Ford-Geraldine field, RI0255
formation waters, MC0085, RI0166
Fort Bend County, GA0018, GA0030
Fort Bliss NE quadrangle, OFSM052
Fort Bliss SE quadrangle, OFSM053

Fort Hancock Formation, RI0198
Fort Hancock NW quadrangle, OFSM055
Fort Hancock quadrangle, OFSM054
Fort Pena Formation, RI0240
Fortress Cliff quadrangle, OFSM121
Fort Stockton area, BL2738, GA0016, RI0184
Fort Union Formation, RI0220
Fort Worth Basin, RI0125
"Forty Acres"—*see* University of Texas at Austin campus
fossil ice crystals, BL1821
fossils, GB0002, BL2433, BL2838, PB3801, PB4101, PB5905, RI0077
Fox Hills Sandstone, RI0138
fracture detection, RI0237
fractures, GC7802, GC8404, GC8606, GC9002, GC9702, GC9802, RI0110, RI0180, RI0208, RI0232
Franconian, RI0047
Franklin County, GA0033, GA0035
Franklin Mountains, MM0040
Fredericksburg Division, RI0052
Fredericksburg Formation, BL1945
Freeport area, SL0001
Freestone County, GA0024, GA0038, MS0021, WR0012
Fresno Formation, RI0240
Frio County, GA0011, GA0029
Frio Formation, RI0227, RI0248
facies architecture, RI0144, RI0146
gas reservoir quality, GC9201, GC9302
geothermal resources, GC7501, GC7508, GC7603, GC7607, RI0091, RI0154
hydrocarbons, GC8902
porosity, GC7705
sandstone reservoirs, RI0091
structure, GC8608
Frio gas field, SW0004
Frio reservoir, SW0003, CCGS 002S
Frontier Formation, RI0138, RI0234
Fruitland Formation, RI0218
fuel use, BL0307
fuller's earth, MC0003, MS0017
Fusselman Formation, RI0216
fusulinids, BL3211, BL3701, BL3801
Gaines County, GA0017
Galveston area, EA0005, GC7704, SL0005, SR0004
Galveston Bay, GC8603
Galveston County, GC9004, RN0005
Galveston Island, GB0011, GC7402, GC8505
Garza County, GA0006, GA0021, WR0013
gas, EM0005, GC9003, RI0138
offshore, AT0012, AT0015
producer gas, BL0189
gas composition, RI0218, RI0220
gas content, RI0220, RI0228
gasification, MC0076
gas in place, AT0012, AT0015, RI0218
gas plays, AT0012, AT0015
gas production, AT0012, AT0015, RI0142, SW0008
gas reserves, AT0012, AT0015, RI0179
gas reservoirs, SW0004, SW0008, SW0010
Frio Formation, GC9302
Gulf Coast, AT0005
Gulf of Mexico, AT0012, AT0015
McAllen Ranch field, RI0122
Midcontinent, AT0007
nationwide, RI0179
Port Arthur field, RI0142
Queen City Formation, GC7204
Red Fish Bay field, RI0248
statewide, AT0001
Stratton field, GC9501, SW0003
Vicksburg Formation, GC9401,
gas statistics, AT0012, AT0015, PB4503, RI0223, RI0228
gastropods, PB6413
gemstones, RI0042
genetic sequences, RI0156, RI0200, RI0210
genetic stratigraphy, CS0010, RI0220
geochemistry, GC7902, GC8101, GC8304, MC0085, RI0155, RI0178, SL0001—SL0007
geochronology, GC8602
geohydrology
East Texas Basin, GC8005, GC8012, GC8107, GC8407
Palo Duro Basin, GC7901, GC8007, GC8103, GC8207, GC8304
geologic formation identification, HB0001
geologic hazards, GC8406, GC8603, GC8701, GC8802, GC8901
geologic maps
Houston County, MM0018
San Saba County, MM0028
South-Central Texas, MM0039
statewide, BL0035, GA0001-GA0038, IS0001, MM0014-MM0016, SM0002, SM0003
Trans-Pecos Texas, GQ0040, MM0040
geologic processes, DE0001, RI0165
geology, history of, GC6703
geomorphic setting, RI0261
geomorphology, GB0022, GC8304, RI0148, RI0163, RI0180, RI0198, RI0229
geophysical log cross plotting, RI0169
geopressure, GC9303, GC7904, RI0091, RI0111, RI0149, RI0154
Georgetown quadrangle, OFSM085
Georgia, ALGS GB 17b, ALGS GB 18, ALGS GB 20
geostatistics, RI0189, RI0190, RI0258
geothermal energy, RI0111
Frio Formation, GC7501, GC7508, GC7603, GC7607, RI0091, RI0154
statewide, ER0003, GC7404, GC9303
Vicksburg Formation, GC7904
geothermal wells, GC9503
gilgai, GC7507
Gillespie County
dolomite, MC0025
gypsum, MS0019
maps, GA0020, GQ0001—GQ0020, GQ0027, GQ0029, GQ0031, GQ0032, MM0011, MM0012, MS0054
scheelite, MS0056
serpentine, MC0014, MC0023, RI0004
soapstone, MS0055
GIS, AT0012, AT0015
glaciers, RI0143
Glasscock County, GA0006, GA0028, WR0014
Glass Mountains, BL1753, BL1762, BL3038, BL3042
glass sands, MC0009, PB3818
glauconite, GB0009
Glen Rose Formation, GC6801, RI0141, RI0240
global gas, RI0223
Glorieta Formation, RI0115
glossaries, GC9104
Gnathodus, GC8607
gold, MC0005, MC0056
Gold quadrangle, GQ0009
Goliad, RI0174
Goliad County, GA0005
Gonzales County, GA0030, MS0034, MS0043, WR0015
GPS, GC9703
grabens, RI0209
Grand Saline Dome, RI0038
granite, BL1725, MC0012
graphite, MC0001, MC0015, MS0057
gravel, MS0014, MS0018, MS0024
gravity data, BA0001-BA0004, GC8013, GQ0040, MM0007
Grayburg Formation, GC9003, RI0203, SP0005
Crane County, RI0168, RI0190,
Ector County, RI0247, RI0260, RI0263
Gray County, GA0002
Grayson County, BL3125, GA0031
Grayson Formation, GQ0042
Greater Green River Basin, RI0228, RI0234
Great Plains, RI0029
Gregg County, GA0035
Grimes County, GA0003, GA0004, MS0014, MS0015
ground water, RI0176
age, GC9005
composition, GC8702, RI0083
flow, EM0003, RI0087, RI0169, RI0175, RI0180
hydraulics, GF0003
hydrology, NOGS 06
modeling, GC8303, RI0165, RI0189
nitrate in, RI0083
resources, GC7708, RI0205
withdrawal, GC9202, RI0256
growth faults, GC8407
Guadalupe County, GA0029, GA0030
Guadalupe Mountains, RI0235
Guadalupe Mountains National Park, GB0026
Guadalupean, upper, GB0026
Gueydan Formation, BL2645, RI0063
Gulf Coast, GB0020, GC8002, GC8406, GC8505, GC8608, GC8801, GC8902, MC0083, RI0146, RI0200, RI0210, RI0222, RI0248, SW0004
abandoned oil fields, GC8503
aquifers, GC7704
cross sections, GC7605
depositional systems, GC9201, RI0150, RI0174, GCAGS 201R
Frio Formation, RI0091
geology, NOGS 04
geothermal resources, GC7607, GC7904, RI0091
lignite, RI0090
maps, MM0041
petroleum geology, GCAGS 202R
Hackberry Sands, GC8407
sand resources, RI0060
Gulf Coastal Plain, BL3619, GC8205, PB5516, RI0044, RI0050, RI0149, RI0154, RI0176—*see also* Texas Coastal Plain
Gulf Coast Basin, GC7401, GC7707, GC8502
Gulf Coast stress province, RI0167

Gulfian, RI0152
Gulf of Mexico, RI0173
 bathymetry, GCAGS 403M
 Holocene sediments, GCAGS 205R
 northwestern, AT0012, AT0015, GB0011, GC7401
 slope, RI0212
Gum Hollow fan delta, RI0069
Gyp Hill salt dome, RI0131
gypsum, MC0035, MS0019, MS0054, RI0158, RI0168
Hackberry Sandstone, GC8407
Hale County, GA0007, GA0021, GA0027
Hall County, GA0027
halokinesis, RI0110, RI0140, RI0224, RI0246
Hamilton County, GA0008, GA0037
handbooks, BL2838, HB0001-HB0005
Hansford County, GA0026
Hardeman Basin, GC8607, RI0147
Hardeman County, GA0038
Hardin County, GA0004
Harlingen area, EA0003, SL0003
Harper Extension field, GC9003
Harper quadrangle, GQ0016
Harpersville Transverse Zone (Alabama), ALGS GB 31
Harris County, GA0004, GA0018
Harrison County, GA0035
Hartselle Sandstone, RI0138
Haskell County, GA0001
Haymond Formation, RI0057
Hays County, GA0003, GA0029, GA0030, GQ0034, MM0038
 Barton Springs, AGS 016
Hazel Copper-Silver Mine, RI0016, MC0056, MC0073
heavy minerals, RI0055
heavy-oil resources, GC9303
Helms West Well quadrangle, OFSM056
Helotes quadrangle, OFSM018
Hemphill County, BL3231, GA0002, GA0026
Henderson County, GA0013, GA0035, MS0024
Hen Egg Mountain quadrangle, RI0183
Henry's Chapel quadrangle, PB5305
Hensel Sandstone, GC7601
heterogeneity, RI0189
heterogeneity modeling, RI0247
Hidalgo County, GA0023, GC9401
high-frequency sequence stratigraphy, RI0235
High Plains, GB0024, MC0032, RI0032, RI0229, RI0233, RI0239
high-purity limestone, MC0084, RI0017
highway map (Texas), BX3232
highways, GC8104
Hillabee metavolcanic complex (Alabama), ALGS GB 17
Hill County, GA0013, GA0037
Hill-Shuler faunas, RI0048
Hilltop quadrangle, GQ0002
history of geology, GC6703, RI0246
Hobbs area, BA0006, GA0017
Hockley County, GA0007
Holocene, GCAGS 205R
Hondo quadrangle, OFSM087
Hood County, GA0001, GA0013
Hood Spring quadrangle, MM0017, RI0021
Hopkins County, GA0033, GA0035
horizontal drilling, GC9002
Horseshoe Atoll, PB5607
Hosston Formation, GC7601, GC8405, RI0109, RI0204
hot-water floods, GC9303
Houston area, GA0018, GC7704, RN0005, RN0008, SL0005, SR0004
 environmental geology, EA0005, HGS 105SV
Houston County, GA0024, MC0023, MM0018, MS0025, MS0030, MS0048
Houston diapir province, GC8802
Howard County, GA0006, RI0032, WR0016
Howell Mountain quadrangle, GQ0046
Hudspeth County, GA0036, GC7301, GQ0026, GQ0039, MC0026
Hueco Basin, GC9102, RI0196
Hueco Bolson, GC9202, MM0040, RI0205
Hueco Tanks, GC8101
Hueco Tanks quadrangle, OFSM057
Hunt County, GA0013, GA0031, GA0033, GA0035
Hunter quadrangle, MM0016, OFSM099
hurricanes, GC9601, RI0067
 Alicia, GC8505
 Allen, GC8901
 Carla, RI0061
 Celia, GC7003
 Cindy, RI0061
Hutchinson County, GA0002, GA0026
Hutto quadrangle, OFSM014
hydraulic-fracture treatment, RI0211
hydraulic modeling, GC8401
hydraulic parameters, RI0199
hydrocarbon reservoirs, GCAGS 206R
hydrocarbons, RI0174, RI0194, RI0200, RI0210, RI0230
 accumulation patterns, GC8206
 exploration, RI0078
 generation, RI0188
 plays, GC9402
 plumes, GC9701
 potential, GC8008, GC8605, GC9502
 reservoirs, GC9601
 resources, GC8301, RI0164, RI0185
hydrochemical facies, RI0157
hydrochemical processes, RI0192
hydrochemistry, GC8401, GF0003, RI0161, RI0175, RI0177, RI0218
hydrodynamics, RI0192
hydrogeochemistry, GC9005, RI0160, RI0161, RI0166, RI0191
hydrogeology,
 Big Brown lignite mine, RI0160
 Central Texas, RI0256
 East Texas Basin, GC8401
 Edwards aquifer, RI0250, AGS 006, AGS 008, AGS 011, AGS 019, AGS GB021
 Gulf Coast, GC7704
 New Mexico, RI0157, RI0161, RI0177
 North-Central Texas, GC7601
 Ogallala aquifer, RI0177
 Palo Duro Basin, GC8501, GC8702, RI0165
 Panhandle, RI0157, RI0161, RI0177
 Sabine Uplift area, GC8303
 Salt Basin, RI0158
 South Texas, RI0175
 Trans-Pecos, GB0025
 West Texas, RI0191
hydrology, GC8304, GC9202, RI0176, RI0218, RI0228, RI0250
 Deep-Basin Brine aquifer, RI0159
 Hueco Tanks, GC8101
 Wilcox Group, GC8003
hydrostratigraphy, RI0113, RI0165, AGS 019
Hye quadrangle, GQ0027
hypersalinity, GC8703
hypometric analysis, RI0163
igneous geology, GB0023, GQ0036
igneous rocks, BL2744, GC8602, RI0151
imbibition, RI0260
improved recovery, GC9502
indexes, IS0001-IS0004, M0029, PB5015, PB5910
induction methods, RI0225
industrial metals and minerals, MC0021, SP0003
infield drilling, RI0221
infield reserve growth, SW0004
Infiernito caldera, RI0206
Ingleside fauna, RI0077
inner shelf, GC8006
interconnectedness, RI0189
interference patterns, RI0181
intrinsic bioremediation, GC9701
inversion, RI0254
invertebrate fossils, PB3801, PB4101
Iran, RI0181
Irion County, GA0028
iron ore, MC0008, RI0005, RI0053
ironstone, GB0009
Isla quadrangle, OFSM058
isoseismic maps, GC8403, GC8903
isotope chronostratigraphy, RI0195
isotope geochemistry, GC9005
isotopes, RI0083, RI0155, RI0177, RI0178
Jack County, GA0031, MM0008
Jack Mountain quadrangle, OFSM100
Jackson County, GA0005, GA0030
Jackson Group, BL3619, GB0018, GC7004, GC8601, GC9303, GC9402, RI0188, RI0217
Jackson-Yegua play, GC9504
Jarrell quadrangle, OFSM010
Jasper County, GA0004, GA0024
Jeff Davis County, GA0025, GA0036, GQ0021, GQ0024, GQ0036, MM0013, MS0053
Jefferson County (Alabama), ALGS GB 16
Jefferson County (Texas), GA0004, GA0018, GC8407, RI0142
Jim Hogg County, GA0019, GA0023
Jim Wells County, GA0005, GA0010, GA0011, GA0019
Johnson City area, STGS 202G
Johnson City quadrangle, GQ0025
Johnson County, BL2229, GA0013
Jones County, GA0001, GA0006, MM0008
Jordan field, GC9003
"J" Sandstone, RI0138
Jurassic, GC8405, RI0112
kaolin, MS0053
K-Ar, GC8602, RI0151, RI0183, RI0206, RI0240
Karnes County, GA0005, GA0011, GA0030, RI0030, WR0017
Karnes uranium district, GB0012, GB0018, RI0030
karst, GC9702, RI0186, RI0193, RI0208, RI0214, RI0238, RI0240, RI0250, SW0007
karst hydrology, RI0141
Kaufman County, GA0013
Keechi salt dome, GC8203
Kendalia quadrangle, OFSM029

Kendall County, GA0029, GQ0012–GC0014, GQ0027, GQ0031
Kenedy County, GA0010, GA0023
Kent County, GA0006, GA0021
Kent quadrangle, GQ0024, RI0034
Kerr County, GA0029, GQ0011, GQ0012, GQ0015, GQ0017, GQ0018
Kiamichi Formation, GC8803, PB5905
Kimble County, GQ0015, GQ0019, WR0018
King County, GA0021, MM0008
Kingsland quadrangle, GQ0041
Kingsville area, EA0006, SL0006
Kinney County, GA0014, MM0038, RI0250
Kleberg County, GA0010, GA0019, SW0003
Klein Branch quadrangle, GQ0018
laccoliths, RI0183, RI0240
Lagunillas field, RI0226
Lake Bastrop quadrangle, OFSM113
Lake Maracaibo, RI0226, RI0252
Lake Theo quadrangle, OFSM120
Lake Travis area, RI0084
Lamar County, GA0033
Lamb County, GA0007
Lampasas County, GA0008, GA0037
land capability, RI0084
land cover, SM0008
landfills, GC7203
land resources, SM0007, SR0004, SR0005, SR0007
Landsat analysis, GC8105, RI0093, RI0167
land use, GC7004, MM0041, RI0084, SM0007
Laramide, GB0027, RI0240
Laredo area, GA0019, GB0012
LaSalle County, GA0011
Late Pennsylvanian, RI0213
Lavaca County, GA0030
lava flows, GB0023, RI0253
Lawton area, GA0038
lead, RI0026, RI0145
leakage, RI0141
leaking underground storage tanks, GC9701
Leander NE quadrangle, OFSM034
Leander quadrangle, OFSM033
Lee County, GA0003, MS0033, RI0055
Leonardian, RI0171
Leon County, GA0024, GA0037, MC0009, MM0019, MS0023, PB3818
lexicons, GC9104
Liberty County, GA0004, GA0018
Liberty Hill quadrangle, OFSM041
LIDAR, EM0006
Light Detection and Ranging (LIDAR), EM0006
lignite, RI0050, RI0090, RI0104
chemistry, GC8601
composition, BL00189
electricity from, GC7803
hydrology, GC8003
mines and mining, GC7602, GC8303, RI0160
organic petrochemistry, RI0188
resources, GC8202, GC9101, MC0076, RI0079, RI0104
sand-body geometry, GC7804
Limestone County, GA0037, MS0007, MS0008
limestone resources, MC0084, MS0044, RI0056
lineaments, GC8105, GC8201, GC8401, GC9001, RI0085, RI0110
Lipscomb County, GA0026
lithofacies, RI0182
lithology, RI0063
lithostratigraphy, RI0170, STGS 5506SV
litigation, AGS 017
Live Oak County, GA0005, GA0010, GA0011, GA0019
Live Oak Creek quadrangle, GQ0007
Llano area
barite, MS0035
Carboniferous rocks, PB4329
conodonts, RI0068
guidebooks, GB0001, GB0003, GB0013
iron ore, RI0005, RI0053
maps, GA0020, MM0011
Precambrian rocks, GC7903, RI0068
Llano County
Enchanted Rock, MM0011
geologic maps, GA0020, MM012
minerals, MC0010, MC0020, MS0035, MS0037, MS0040, MS0045, MS0057
quadrangle maps, GQ0002–GQ0005, GQ0041, GQ0043–GQ0048
Llano Estacado, BL0057, RI0020
Llano Uplift, MM0012, RI0023, **guidebooks**, AGS 005, AGS 010, AGS 016, AGS GB020; CCGS 110G
Lockridge field, GC9901, SW0008
log analysis, GC9401, RI0248
Longhorn Cavern State Park, GB0004
Longhorn quadrangle, OFSM016
Louisiana, GC9103, RI0210, GCAGS 401M, NOGS 27
New Orleans, NOGS 25
oil and gas fields, AT0005, NOGS 16-19
salt domes, NOGS 20, NOGS 21, NOGS 23
Tuscaloosa Trend, NOGS 24
Winn Parish, NOGS 09
Loving County, GA0025, WR0019
Lower Cretaceous, CS0011
lower Eocene, RI0226
lower 48 states, RI0179
lower Miocene, RI0150
Lower Missoa Formation, RI0226
Lower Ordovician, RI0186, RI0193
Lower Permian, RI0170
low-permeability gas sandstones, RI0138, RI0204, RI0213
Lubbock area, BA0007, GA0021
Lubbock County, GA0007, GA0021
Luling quadrangle, OFSM118
Lynn County, GA0006, GA0007, GA0017
Lytton Springs oil field, BL2539
Madison County, GA0003, GA0004, GA0024, GA0037
Magers Crossing quadrangle, OFSM077
magmatism, RI0206, RI0240
magnesium, GC8703
magnetic data, GQ0040
Mahomet quadrangle, OFSM040
major oil reservoirs, AT0002, GC8402
mammals, RI0014
Mancos Shale, RI0138
maps
aquifers, SM0009
energy resources, ER0001
faults, GCAGS 401M, GCAGS 402M
geologic, BL0035, BX3232, GA0001–GA0038, RI0259, SM0002, SM0003
geothermal resources, ER0003
land resources, SM0007
mineral resources, ER0002
physiographic, SM0005
river basins, SM0006
salt, GCAGS 401M
tectonic, SM0001, SM0004
vegetation, SM0008
Maracaibo Basin, RI0252
Marathon Basin, RI0057
Marathon Fold, BL1847
Marathon Formation, RI0240
Marathon region, PB6005
Maravillas Formation, RI0240
marble, MC0010
Marble Falls Limestone, RI0017
Marfa area, GA0022
Marion quadrangle, OFSM101
Martin County, GA0006, GA0017
Mason County, GA0020, GQ0001, GQ0002, GQ0019, GQ0020, GQ0052, MC0022, MS0031
massifs, RI0212
Matagorda Bay, GC7902, SR0003
Matagorda County, GA0005, GA0018, GA0030, RI0146
Matagorda Island, GC7604, GC8701
maturation, RI0188
Maverick Basin, RI0107, RI0152, STGS 207G
Maverick County, GA0011, GA0014
maximum horizontal stress, RI0211, RI0234
McAllen area, GA0023
McAllen Ranch field, GC9401, RI0219, RI0222
McCulloch County, GA0008, WR0020
McElroy field, GC9003
McKinney Falls State Park, DE0001
McKittrick Canyon, GB0026
McLennan County, BL2340, GA0037
McMullen County, GA0011
McNary quadrangle, OFSM059
McQueeney quadrangle, OFSM102
Medina County, BL1860, BL2230, GA0029, MM0038
Medina Lake quadrangle, OFSM103
Menard County, GA0008, GA0028
Meramecian, GC8607
mercury mining, MC0064, MC0073
Mesaverde Group, RI0220
Mesozoic, CCGS 112G, MGS
Mesquite Bay, GC8701
metals, RI0145
meteoritic impact, RI0262, STGS 209G
Mexico
aquifer system, RI0076
ammonites, BL1856, BL2748,
Cretaceous carbonates, RI0089
field trip guidebooks, GB0028, CCGS 106G, CCGS 107G, CCGS 109G
maps, MM0036, RI0096
stratigraphy, RI0065, CCGS 111G
microearthquakes, GC8403
microfractures, RI0204
mid-Cretaceous, GC9103
Midland Basin, GC0001, RI0155, RI0171, RI0172, RI0197

Midland County, GA0006, GA0017, GA0025, GA0028
Midway Formation, BL2644
Midway Group, BL3301, RI0044
Milam County, GA0003, GA0037, WR0021, WR0022, STGS 201G
Mills County, GA0008
mineral equilibria, RI0166
mineralization, GC8102
mineral resources
Anderson County, MS0022
Angelina County, MS0017
Bastrop County, MR0003, MS0020
Baylor County, MS0031
Bell County, MR0002
Bexar County, BL1932, MS0002
Burnet County, MS0005, MS0009, MS0010, MS0011
Cherokee County, MS0017
Clay County, MS0004, MS0013
Colorado River area, RI0037
Crockett County, BL1857
Falls County, MS0006
Fort Stockton quadrangle, BL2738
Freestone County, MS0021
Grimes County, MS0015
Leon County, MS0023
Limestone County, MS0007
Maverick County, MR0006
McLennan County, BL2340
Medina County, BL1860
South Texas, RI0043
statewide, BL0365, GC6502, GC6504, MM0020, MR0001, MS0001, MS0003, PB4301
Travis County, MR0004, MS0039
Uvalde County, MR0006
Van Horn area, PB5301
Williamson County, MR0005, MS0018
Zavala County, MR0006
minerals
chemical analyses, BL1814
Chinati Mountains, GC7201
Dallas (city), GC7801
exploration models, RI0072
locality maps, ER0002, MM0020
statewide, GB0006, GC7001
Miocene
cross sections, CS0005
depositional sequences, RI0174, RI0252
Equidae, PB5516
facies, RI0099
faunas, RI0014
Oakville Sandstone, RI0113
petroleum geology, GCAGS 202R
reservoirs, GC8502, AT0012
systems, GC9004
Mioceno Norte Area (Venezuela), RI0252
Mirando Trend, GC9303
Mississippi, AT 0005, all MGS publications, NOGS 10, NOGS 14, NOGS 15
Mississippian, GC8014, GC8607, RI0031, RI0147
Alabama, ALGS GB 28, ALGS GB 30
Black Warrior Basin, MGS 104G
Mississippi River, NOGS 12
Mitchell County, GA0006, WR0023
Mitchell Mesa Rhyolite, RI0240
mixed-layer, GC8703
mobile oil, RI0208, RI0260
modern carbonate sediment, GC9601
mollusks, RI0045, RI0103
Monahans Sandhills State Park, GB0021
monocline, RI0240
Montague County, GA0031
Montana, GC0101
Monterrey salient, GB0028
Montgomery County, GA0004
Monument Hill quadrangle, GQ0033
Moore County, GA0002, GA0026
Moore Hollow Group, RI0088
Morris County, GA0033, GA0035
Morris Ranch quadrangle, GQ0011
Motley County, GA0021, GA0027
Mount Enterprise fault zone, GC8403
Moxa Arch, RI0234
Mud Creek North quadrangle, OFSM073
Mud Creek South quadrangle, OFSM074
Mule Ear Spring Tuff, RI0240
Murphy School quadrangle, OFSM088
Mustang Island, GC7701, RI0092, RN0007
Mustang Valley quadrangle, OFSM089
Nacatoch Formation, RI0137
Nacogdoches County, GA0024
Nameless quadrangle, OFSM117
nappes, RI0173
national parks, GB0007, GB0017, GB0026
Nations East Well quadrangle, OFSM060
Nations South Well quadrangle, OFSM061
natural fractures, RI0185, RI0204, RI0211, RI0234
natural gas, GC9201, RI0144, RI0179, RI0219, RI0223, RI0232, SW0003, SW0004
resources, EM0005, RI0211, RI0234
natural hazards, SR0002
natural resources, GC8304
Navarro County, GA0013, GA0037
Navarro Group, PB4101
Nebraska, RI0039
necked diapir, RI0262
Neogene, RI0039
neotectonics, GC9102, RI0187, RI0196, RI0245
New Braunfels East quadrangle, OFSM024
New Braunfels quadrangle, MM0016, MM0039
New Braunfels West quadrangle, OFSM023
New Mexico
Algeria Escarpment, RI0235
Canadian River, RI0225
carbonate outcrops, RI0258
eastern, GB0024, GC8102, GC8104, GC8606, RI0157, RI0161, RI0177, RI0187, RI0225
northeastern, RI0148, RI0163, RI0239
Ogallala Formation, RI0239
San Juan Basin, RI0218
southeastern, PB5605, RI0007
New Orleans (Louisiana), NOGS 25
nitrate, RI0083
Nolan County, GA0006, WR0024
NORM, GC9503
North-Central Texas
Paleozoic, RI0170
Pennsylvanian, BL2132, CS0007, GB0014, GC6904, GC7503, RI0064, RI0075, RI0082, RI0197
Pennsylvanian and Permian Formation maps, MM0025
stratigraphy, BL2913
structure, BL2913
Virgilian, GC6903, CS0007
Washita Group, RI0094
Wolfcampian, GC6903,
Northeast Hitchcock field, GC9004
Northeast Texas, GC8303, RI0137
iron ore, MC0008
oil and gas, PB5116
Woodbine Formation, RI0073
North Franklin Mountain quadrangle, OFSM062
North Grape Creek quadrangle, GQ0010
North Markham–North Bay City oil field, RI0146
northwestern Texas, GB0024
northwest Gulf of Mexico—
see Gulf of Mexico
novaculite, RI0240
nuclear waste isolation, GC7901, GC8007, GC8107, GC8207, GC8304, GC8401, RI0155, RI0261
Nueces Bay, GC8406, RI0069
Nueces County, GA0010, SW0003, WR0025
numerical modeling and models, RI0159, RI0202, RI0199, RI0207, RI0256
Oakville Formation, BL3619, GB0018, RI0113, RI0150
Oakwood salt dome, GC8106, GC8203, GC8301, RI0120, RI0131, RI0133, RI0143
occluded water, GC8504
Ochiltree County, GA0026
Ochoan, RI0184
offshore Alabama, AT0012, AT0015
offshore Federal (OCS), AT0012, AT0015
offshore Louisiana, AT0012, AT0015, RI0210, NOGS 16
offshore Texas, AT0012, AT0015, GC8502
Ogallala aquifer, GC8803, RI0177, RI0229, RI0236, RI0242
Ogallala Formation, GB0024, RI0039, RI0051, RI0105, RI0239, RI0242
Ohio, RI0136
oil accumulation, AT0012, AT0015, GC8402, RI0116
oil and gas, GC6704, GC7004, GC8304, GC8704, RI0152
northeast Texas, PB5116
offshore, AT0012, AT0015
West Texas, PB5716
oil and gas exploration, EM0002
oil and gas fields, GC8407, GC8502, GC8503, GC8902, RI0241
Atascosa County, BL2230
Bexar County, BL2230
Clay County, BL0246
Gulf Coast, GCAGS 207R
Louisiana, NOGS 16-19
Medina County, BL2230
offshore, AT0012, AT0015, RI0210, NOGS 16
Southeast Texas, HGS 107SV
Webb County, BL2230
Wichita County, BL0246
Zapata County, BL2230
oil and gas producers, SR0012
oil and gas production, GC7708, GC8604, GC8802, GC9002, GC8302
offshore, AT0012, AT0015
oil and gas reservoirs, GC8904, GC9503
offshore, AT0012, AT0015
oil and gas wells, GC9503, BL2239

oil-field brines, GC8803, RI0177
oil-field pollution, RI0257
oil industry, MC0085
oil plays, AT0012, AT0015, GC8402, GC9303, RI0152
oil production, AT0012, AT0015, RI0146
oil recovery, AT0012, AT0015, GC8302, GC8402, GC8503, RI0260
oil reserves, AT0012, AT0015, RI0171, RI0194
oil reservoirs, GC7204, GC8402, RI0186, RI0194, RI0216, RI0235, RI0248, RI0252, SW0010
offshore, AT0012, AT0015
Oklahoma, AT0007, BL2327, PB4824, RI0155
Oligocene, GC9401, RI0135, RI0219, RI0248
Olmos Formation, RI0138, RI0152
ooid shoal, GC9601
Orange County, GA0004, GC8407
Orchard Dome, GC8802
Ordovician, MM0002, RI0062, RI0147, RI0186
Alabama, ALGS GB 23
ore deposits, RI0183, RI0206, RI0240
organic geochemistry, GC8605, RI0188
organic petrography, RI0188
Oriskany Sandstone, RI0138
Osagean, GC8607
Oso Bay, GC8406
Ouachita, MM0023, RI0002, PB6120, RI0240
overturned beds, GC9901
ozokerite, BL0066
Padre Canyon quadrangle, OFSM063
Padre Island, GB0017, GC7502, GC7701, GC7702, RI0092; CCGS 104G
Paige quadrangle, OFSM149
Paleocene, GF0002, RI0014, RI0198, RI0220
paleoclimate, GC8304, RI0198, RI0239
paleocontinental margin, GC8608
paleoecology, GCAGS 203R
Paleogene, CS0010, GF0001, GF0003
Brazos River valley, GCAGS 506SV
paleogeography, GC7202, RI0102, RI0182, RI0197, RI0201
paleohydrology, GC8702, RI0202, RI0205
paleokarst models, RI0186
paleontology, BL1945, PB3801, RI0003, RI0019
paleosols, GB0024, RI0198, RI0239
paleotectonics, RI0245
Paleozoic, BL3701, MM0023, PB5607, RI0240
Alabama, MGS 006SV
Arkansas, MGS 103G
Llano Uplift, AGS 010
Mississippi, MGS 006SV
Palestine (Texas) area, GA0024
Palestine (Texas) salt dome, GC8203, MS0044
Palo Alto Creek quadrangle, GQ0008
Palo Duro Basin, **depositional systems**, GC8008, GC8501, GC8504, GC8605, GC8606, GC8607, GC8702, GC8703, GC9001, RI0147, RI0155, RI0156, RI0157, RI0159, RI0165, RI0166, RI0169, RI0195
hydrocarbon potential, GC8008, RI0102
salt dissolution, RI0106
Palo Duro Canyon State Park, GB0008, OFSM121
Palo Pinto County, BL3534, GA0001, MM0008
Paluxy Formation, GC7708
Paluxy River valley, GC6801
palynology, RI0064
Panhandle field, MM0037
Panhandle, the — *see* Texas Panhandle
Panola County, BL2232, GA0024, GA0035, WR0026
Paradise Basin (Utah), RI0262
Parker County, GA0001, GA0013, MM0008, MM0024, PB5724
parks
national, DE0002, GB0007, MM0034
state, DE0001, GB0004, GB0008, GB0010, GB0022, GB0027, RI0253
pavement deflection, RI0259
Pawpaw Formation, BL1856
Pearsall Formation, GC7601
peat, MC0016
Pecos area, GA0025
Pecos County, GA0025, GC9901
Pecos Valley, BL1857, RI0045
Pedernales Falls quadrangle, GQ0049
pegmatites, RI0009
pelecypods, PB5704
Pen Formation, RI0240
Pennsylvanian, GB0014, GC6904, GC8008, GC8014
Alabama, ALGS GB 28
Canyon Group, RI0081
Haymond Formation, RI0057
Middle Pennsylvanian, STGS 211G
North-Central Texas, MM0025, STGS 211G
stratigraphy, BL2132, PB3801
Upper Pennsylvanian, CS0007, GC7503, RI0075, STGS 211G
Penwell field, GC9003, RI0194
permeability, GC8705, RI0149, RI0168, RI0190, RI0208, RI0251, RI0258, RI0260
Permian, GC9502, RI0156, RI0171, RI0172, RI0178
fluvial-deltaic sandstones, GC6904
Mid-Permian, CS0001, CS0008
North-Central Texas, MM0025
potash, BL0017
sabkha complex, GC8809
strata, CS0001, CS0003, CS0007, GC8404, PB3801
Permian Basin, GC8904, GC9003, GC9502, GC9706, GC0001, RI0168, RI0190, RI0194, RI0202, RI0203, RI0216, RI0230
Permian evaporites, GC8702
Permian formations, RI0191
Permian Reef Geology Trail, GB0026
Permian System, RI0168
Permo-Carboniferous, BL1762
Perryton area, BA0008, GA0026
petrography, GC8304
petroleum, AT0012, AT0015, GC8401, RI0140, RI0144, RI0150, RI0231
petroleum engineering, AT0012, AT0015, RI0194
petroleum exploration, AT0012, AT0015, RI0139
petroleum geology
Coastal Zone and Shelf, GC8608
Gulf Coast, GC8502, GC8503, GCAGS 202R
offshore, AT0012, AT0015, GC8502
statewide, GC8302
petroleum potential, AT0012, AT0015, RI0102, RI0147
petroleum recovery efficiency, AT0012, AT0015, RI0190
petroleum reserves, AT0012, AT0015, RI0168
petroleum resources, AT0012, AT0015, GC8902
petroleum storage tanks, GC9701
petroleum traps, AT0012, AT0015, RI0139
petrology, RI0006, RI0018, RI0063
petrophysical evaluation, RI0252, RI0260
petrophysics, GC8705, RI0168, RI0260
Pettet Formation, GC8405
phosphorite, RI0023
physical models, RI0173, RI0181, RI0209, RI0224
physiography, RI0045, RI0148, RI0229, SM0005
Piceance Basin, RI0228, RI0244
Pictured Cliffs Sandstone, RI0138
Piedmont Province (Alabama, Georgia), ALGS GB 17b, ALGS GB 18
Pine Mountain Window (Alabama, Georgia), ALGS GB 17b, ALGS GB 18
Pinto Canyon area, GQ0022
Pipe Creek quadrangle, OFSM104
PJWDM Field Complex, RI0194
Plainview area, BA0009, GA0027
plate tectonics, GB0027
playa basins, RI0229, RI0233, RI0242
playa lakes, RI0177, RI0236
play analysis and plays, AT0001–AT0015, RI0241
playas, GB0024, RI0229, RI0243
Pleistocene, RI0033, RI0049, RI0077, RI0198
Plio-Pleistocene, AT0015, RI0029, RI0200, RI0210
point bars, GC7509
Point Lookout Sandstone, RI0138
Polk County, GA0004, GA0024, MC0038, MS0041
porosity, GC7705, GC8002, GC8705, RI0149, RI0168
Port Arthur area, EA0002, SL0002
Port Arthur field, RI0142
Portland cement, MC0083
Port Lavaca area, EA0007, SL0007
potash, BL0017
potholes, BL2509
Potter County, BL2330, GA0002, GA0034
Powder River Basin, RI0228
power plants, MC0076
Prado field, GC9402
Prairie Valley School quadrangle, OFSM119
Precambrian, CS0001, GC7903, PB5301
Llano Uplift, AGS 005
preferential flow, RI0243
Presidio area, GA0015, GC7201, GQ0028
Presidio Bolson, RI0076
Presidio County, GA0015, GC7201, GQ0022, GQ0028, MM0013, MM0029, RI0036, RI0135
pressure regime, RI0218
primary migration, RI0188
probability functions, RI0227
produced water, GC9503
production data or history, SW0008

Gulf Coast fields, GCAGS 207R
nationwide, GC8704, RI0211
statewide, GC8604
psychrometry, RI0199
Purdy Hill quadrangle, GQ0052
P-wave, RI0237
quartz sand deposits, MC0022
Quaternary, RI0196, RI0229, RI0239
climate, RI0236
faulting, GC8001, RI0245
geology, GB0011, GC9102
stratigraphy, CS0008, GB0022, GB0024, GC7401, GC9202
vertebrate paleontology, GB0024
Queen, RI0203
Queen City Formation, GC7204, GC8004, GC9504
quicksilver, BL1822, MC0007
Quihi quadrangle, OFSM090
Quitman Mountains, GQ0039
radioactive waste—*see* nuclear waste
radiocarbon dates, GB0022
radium, GC9503
Rains County, GA0035
Randall County, GA0002, GA0027
Ranger Creek quadrangle, OFSM027
Raton Basin, RI0228
Rawls Formation, RI0240
Reagan County, GA0028, WR0027
Real County, GA0014, GA0029
recharge, GC8803, RI0160, RI0177, RI0229, RI0242, RI0243, RI0261
recording swath, GC9705
red beds, BL0017, RI0080, RI0145, RI0170
Red Cave Formation, MM0037
Redfish Bay, GC9301
Red Fish Bay field, RI0248
Red River, BL2327
Red River Basin, RI0049, RI0058, RI0155
Red River County, GA0033, WR0028
Reeves County, GA0025, GA0036, GC9901, GQ0024, RI0255, WR0029
Refugio County, GA0005, WR0030
regional geology, RI0213
regional underpressuring, RI0165
relative sea level, RI0197
relief ratio, RI0163
remote sensing, GC9001, RI0167
repeated sections, GC9901
reserve growth, GC8704, GC9201, RI0221, RI0222, RI0227, SW0004
reservoir analog, GC9601
reservoir architecture, EM0005, RI0144, RI0146, RI0171, RI0252
reservoir characterization, EM0005, GC8302, GC8503, RI0168, RI0189, RI0190, RI0213, RI0226, RI0230, RI0241, RI0248, RI0249, RI0252, RI0255, SW0007, GCAGS 207R
Reservoir Characterization Advisor, SW0010
reservoir compartmentalization, EM0005, RI0221
reservoir engineering, AT0012, AT0015, EM0005, GC9501, RI0211
reservoir geophysics, EM0005
reservoir heterogeneity, EM0005, RI0172, RI0178, RI0203, RI0217, RI0221, RI0222, RI0227
Ellenburger Formation, RI0186
reservoir modeling, RI0260
reservoir performance, AT0012, AT0015, EM0005, RI0142, RI0144, RI0193
reservoir properties, AT0012, AT0015, RI0149, RI0232
reservoir quality, AT0012, AT0015, EM0005, GC9302, RI0111, RI0125, RI0204, RI0211, RI0234
reservoir rocks, GC8407, GC8502, GC8902, RI0149, RI0231
reservoirs
gas, AT0001, AT0005, AT0007, GC7204
oil, AT0002, AT0012, AT0015, GC7204
reservoir simulation, RI0249, RI0258
residual oil, GC8904
resistivity, GC7806, GC8705
resource assessment, EM0005, GC9302, RI0179, RI0184, RI0241
resource capability units, GC7007
resources, MC0076
resource-targeted reservoir development, EM0005, RI0226
Restore©, SW0001
reverse faults, GC9901
Reynosa Escarpment, MM0027
rhyolite, RI0240
Riley Formation, RI0024
Rim Rock Country, RI0036
Rincon field, RI0227
Rio Grande, GC7502
Rio Grande area, RI0096
Rio Grande Embayment, RI0175
Rio Medina quadrangle, OFSM091
risk assessment, RI0227
river basins, RB0001, RB0002, SM0006
road materials, BL0062, BL1839, MS0047
roads, RI0259
Roberts County, GA0002, GA0026
Robertson County, GA0003, GA0037, WR0031
rock fabric, GC8705, RI0168, RI0260
rock kits, RK0001
rock properties, RI0259
rock salt, RI0143
Rockwall County, GA0013
Rocky Creek quadrangle, GQ0029
Rolling Plains, GB0022, GC8011, RI0155, RI0180
Rosillos Mountains, MM0005
Rough Canyon quadrangle, OFSM075
Rough Canyon SE quadrangle, OFSM039
Round Mountain quadrangle, GQ0047
Round Rock quadrangle, OFSM013
ruggedness number, RI0163
Runnels County, BL1816, GA0001, GA0006, GA0008, GA0028, RI0257
Rusk County, GA0024, GA0035
Rustler Formation, RI0019
Rustler Springs sulfur district, BL1722, RI0184
Sabinal Canyon quadrangle, OFSM078
Sabinal NE quadrangle, OFSM093
Sabinal quadrangle, OFSM092
Sabine Arch, GC9103
Sabine Pass, GC7506, GC9703
Sabine Uplift, GC8303, GF0002, GF0003, RI0167
Salado Formation, GC8108, GC0001
Salado quadrangle, OFSM038
Salado salt, GC0001
saline lakes, RI0177
salinization, RI0191, RI0257
salt, RI0214, GC8504
Salt Basin, RI0158
salt beds, GC8504
salt cavern, GC0001
salt diapirism, GC8801, RI0224, RI0246, NOGS 01
salt dissolution, GB0022, GC8404, RI0106, RI0114, RI0148, RI0180, RI0187, RI0225, RI0233
salt domes
Barbers Hill, RI0176
composition and structure, RI0181, RI0209, RI0215, RI0224
Damon Mound, GC8801
East Texas Basin, GC8005, GC8203, GC8301, GC8401, RI0140,
nuclear waste disposal, GC8005, GC8401, RI0139,
Oakwood Dome, RI0143
south Louisiana, NOGS 09, NOGS 20, NOGS 21, NOGS 23
subsidence, GC8802
salt glacier, RI0246
salt maps, GCAGS 401M
salt structure province, RI0167
salt tectonics, GC8301, GC8401, GC8405, GC8407, GC9104, RI0139, RI0140, RI0143, RI0154, RI0173, RI0181, RI0209, RI0215, RI0224, RI0246
salt water, GC8702
salt welds, RI0212
San Andres Formation, GC8504, GC9003, GC9502, RI0116, RI0121, RI0156, RI0157, RI0178, RI0194, RI0203, RI0208, RI0235, SP0005
San Angelo area, GA0028
San Angelo Formation, BL2607, RI0080
San Antonio area, GA0029, STGS 202G, STGS 213G
San Antonio Bay, GC8701
San Augustine County, GA0024
sand-body geometry, GC7804, RI0105
sand resources, RI0060
sandstone(s), RI0149, RI0231
consolidation, GC7705
deltaic, NOGS 31
diagenesis, RI0164, RI0204, RI0234
Sand Wash Basin, RI0220, RI0244
San Elizario quadrangle, OFSM064
San Geronimo quadrangle, OFSM019
San Jacinto County, GA0004, MC0038
San Jose Island, GC7604
San Juan Basin, RI0218, RI0244
San Marcos area, STGS 202G
San Marcos quadrangle, MM0016
San Miguel Formation, RI0107, RI0153
San Patricio County, GA0005, GA0010, RI0077, WR00032
San Saba County, GA0008, MC0013, MM0028
Santa Elena Limestone, RI0240
saponite, GC8703
Sattler quadrangle, OFSM105
scale models, RI0173
scaleup, RI0247
scarp retreat, RI0163, RI0180
scheelite, MC0020
Schertz quadrangle, OFSM015
Schleicher County, GA0028
scientific revolutions, RI0246
Scurry County, GA0006, RI0013

secondary natural gas, EM0005, RI0221
secondary recovery, EM0005, GC9402
Seco Pass quadrangle, OFSM094
sediment aggradation, RI0156
sedimentary facies, CS0011
sedimentary petrography, RI0156
sedimentation, GB0011, GC8006, RI0229
Alabama coast, ALGS GB 10
Mississippi, MGS 102G
sedimentology, RI0251
sediment refraction, RI0259
sediments, SL0001–SL0007
Seeligson field, GC9302
Seguin area, GA0030
seismic analysis, GC9501, GC9504
seismicity, GC8401, GC8403, GC8903
seismic reflection, RI0233
seismic risk, GC8903, RI0245
seismic stratigraphy, GC9801
seismic surveys, RI0154, SW0003
seismic, 3-D, GC9501, GC9704, GC9705, RI0237, SW0003, SW0007, SW0008
seismograph work, GC8403
seismotectonics, GC8403, GC8903
Selma Group (Alabama), ALGS GB 6
semiarid climate, RI0162
semiarid region, RI0261
sensitivity analyses, RI0199
sequence stratigraphy, RI0197, RI0213, SW0007, MGS 107G, STGS 506SV
serpentine, MC0014, MC0025, PB5020, RI0004
Shackelford County, GA0001, MM0008
Sharp Mountain area, MC0010
shear zones, RI0143
sheet evolution, RI0212
Shelby County, GA0024
shelf-edge deltas, GC8608
shelf facies, GC8608
shelf margins, RI0078, RI0219
Sherman area, GA0031
Sherman County, GA0012, GA0026
shoreline changes, GC7402, GC7706, GC8406, GC8505, GC8603, GC8701, GC8901, GC9703, SR0003
shoreline erosion, GC9301
shoreline protection, GC8603, GC8701, GC9301
shutup, RI0240
Sierra Blanca Region, GQ0040
Sierra Catorce Uplift, GCAGS 504SV
Sierra Del Carmen, GQ0054
silica diagenesis, RI0230
sill, RI0240
siltstone, RI0201
Silurian, MM0002, RI0216
Siluro/Devonian, RI0203
silver, MC0056, RI0145
silver-copper-lead, RI0145
silver-copper prospect, MS0005
Simsboro Sandstone, GC7509
simulation, RI0190
sinkholes, GC8802
Sisterdale quadrangle, OFSM028
Sligo Formation, GC7601, RI0109
slope stability, AGS 001
Smackover Formation, RI0112
Smelertown quadrangle, OFSM065
Smith County, GA0035, WR0033
Smithson Valley quadrangle, MM0016, OFSM106
soil conductivity, RI0225
soil development, RI0229
soil piping, GC9202
soil weathering, RI0160
solid waste, GC7002
Solitario, GB0027, MM0029, RI0240, RI0253
solution mining, GC0001
solution phenomena, GC8702
Somervell County, GC6801
Sonora area, GA0032
source rocks, GC8605, RI0147, RI0188, RI0201
South-Central Texas, GB0003, MM0038, MM0039, RI0030
Fredericksburg Division, RI0052
South Cowden reservoir, RI0260, RI0263
South Dakota, RI0251
Southeast Texas, GB0011, GC8407
Southern Basin and Range–Rio Grande Rift, RI0245
Southern High Plains, GC8803, RI0051, RI0161, RI0177, RI0180, RI0236, RI0242, RI0243
South Texas, GC9303, GC9401, GC9402, GC9501, GC9504, RI0153, RI0221, RI0222, RI0227, RI0238, RI0250, SW0003
depositional environments, GCAGS 505SV, CCGS 108G
fault maps, GCAGS 402M
general geology, STGS 101SV, STGS 102SV
Stuart City Trend, RI0078
type logs, CCGS 016TL
uranium mines, GB0012, GB0018
Southwestern United States, GC8903
Southwest Texas, RI0232, STGS 207G
Sparta Formation, GC7707
specific-capacity data, GC0102
Spicewood quadrangle, GQ0050, MM0016
Spraberry Formation, GC9706, RI0172, RI0203
Spraberry Trend, RI0171, RI0172
Spring Branch quadrangle, OFSM011
Spring Creek quadrangle, GQ0006
springs, RI0155
Squaw Creek quadrangle, GQ0001
stable isotopes, GC8401, MC0085, RI0166, RI0195
stacking, GC9705
Starr County, GA0023, MM0027, WR0034
state government, GC6505
state lands, MM033
state parks, DE0001, GB0004, GB0008, GB0010, GB0022, GB0027, RI0253
statistical analyses, GC8601, RI0100, RI0162
Stephens County, GA0001, MM0008, RI0041
Sterling County, GA0006, GA0028, WR0035
St. Joseph Island, RI0067
stochastic, RI0189, RI0190, RI0227
stocks, RI0212
Stockton Plateau, CS0011
Stone City beds, PB5704
Stonewall County, BL3027, GA00021, MM0008
Stonewall quadrangle, GQ0014, GQ0031
storage caverns, GC0001
storm processes, GC8505
strain analysis, GC8401
strandplain reservoirs, RI0146
stratal surfaces, GC9801
stratigraphic calibration, GC9704
stratigraphic nomenclature, RI0044, RI0058
stratigraphic setting, RI0228
stratigraphy, CS0011, GB0024, GC8304, GC9302, GC9802, RI0147, RI0169, RI0198, RI0204, RI0211, RI0232, RI0234
Austin Chalk, AGS 007
Birmingham area (Alabama), ALGS GB 16
Buck Hill quadrangle, RI0006
Cisco Group, RI0046
Cretaceous, CS0011, RI0058, RI0059
Devils River Trend, STGS 207G
East Texas Basin, CS0004
Fredericksburg Division, RI0052
Great Plains, RI0029
Karnes County, RI0030
Maverick Basin, STGS 207G
Mexico, CCGS 11G
North-Central Texas, BL2913
northwestern Texas, GB0024
Paleogene, CS0010
Pecos Valley, BL1857
Pennsylvanian, BL2132, PB3801
statewide, BL3232
Tascotal Mesa quadrangle, RI0018
Stratton field, GC9302, GC9501, RI0221, SW0003
stress, RI0185, RI0234, RI0204
strontium isotope geochemistry, RI0195
structural analysis, RI0187
structural and stratigraphic traps, RI0248
structural geology/structure, GB0022, GC8304, GC8404, GC8606, GQ0054, RI0140, RI0143, RI0154, RI0173, RI0218, RI0220, RI0246
Austin Chalk, AGS 007
Birmingham (Alabama), ALGS GB 16
Devils River Trend, STGS 207G
Maverick Basin, STGS 207G
North-Central Texas, BL2913
Pecos Valley, BL1857
statewide, BL3401
structure-contour maps, BL2232, RI0187, MM0037, MM0038
Structure quadrangle, OFSM114
Stuart City Trend, RI0078
subbituminous coal, RI0188
subhumid climate, RI0162
submarine fans, GC9706, RI0171, RI0172, RI0232
subsidence, GC8802, GC9202, RI0182, RI0233
Houston area, HGS 105SV, HGS 203G
subsurface, RI0007, RI0011, RI0074, RI0089, RI0091
Woodbine Sand, BL3138
Sue Peaks Formation, RI0240
sulfur, BL1722, GC6902, GC8802, HB0002, MC0006, RI0001, RI0184
surface geology, GC8106, RI0074
surface mining, MC0076, MR0001
Sutton County, GA0032, WR0036
S-wave, RI0237
Swisher County, GA0027, MC0019
syndepositional deformation, RI0262

synsedimentary processes, RI0187
talc, GC8301, RI0035
Talladega Metamorphic Front, ALGS GB 11, ALGS GB 22
Tansill Formation, GC8108
Taphrognathus, GC8607
targets for additional recovery, GC8402
Tarpley Pass quadrangle, OFSM004
Tarpley quadrangle, OFSM005
Tarrant County, BL1931, GA0013
Tascotal Formation, RI0240
Tascotal Mesa quadrangle, MM0031, RI0018
Taylor County, GA0001, GA0006, MM0008
Taylor-Link West
San Andres Unit, RI0208
Taylor nomenclature, GC6503
technology transfer, SR0012
tectonic controls, RI0187
tectonic evolution, GC8304
tectonic history, ALGS GB 28
tectonic maps, MM0035, MM0036, RI0096, SM0001, SM0004
tectonic modeling, RI0246
tectonics, CS0011, GC8203, GC9102, GC9103, RI0245
tectonic setting, RI0228
tension fractures, GC9202
Terlingua quicksilver, MC0007
Terlingua uplift, GB0027, RI0240
Terrell County, BL1819, GA0014–GA0016, GA0032, WR0037
Terry County, GA0007
Tertiary, RI0149, RI0154, RI0183, RI0206, RI0239, RI0240,
Brazos River valley, STGS 208G
Gueydan Formation, BL2645
igneous rocks, GC8602
regional cross sections, GC7605
rock correlation, RI0070
sandstone reservoirs, GC8002, RI0111; HGS 106SV
stratigraphy, GB0024, RI0036
structure, GC9102
vertebrate paleontology, GB0024
volcanism, RI0253
Tesnus Formation, RI0240
Texarkana area, GA0033
Texas Coastal Plain, **Texas Coastal Zone**, GB0020, GC7203, GC8603, GC8701, GC8901, GC9301
environmental geology, GC7003
faults, RI0085
Landsat analysis, RI0093
mineral resources, MC0038
resource capability units, GC7004
Texas Gulf Coast — *see* Gulf Coast
Texas Gulf Coastal Plain, GC9402, RI0014
Texas Mountain quadrangle, OFSM006
Texas Panhandle, GC8304, GC8404, GC8504, GC8606, GC8607, GC8702, GC9001, MC0083, RI0148, RI0156, RI0157, RI0161, RI0162, RI0163, RI0165, RI0177, RI0180, RI0195, RI0213, RI0225
cross sections, CS0001, CS0003, CS0008
Dockum Group, RI0097
evaporite dissolution, GC8104
Quaternary stratigraphy, GB022
Texas State Lands, RI0241
Texas, The University of, GC6703
thermally enhanced oil recovery, GC9303
thermal maturity, GC8605, GC8607, RI0147, RI0228
thermocouple psychrometers, RI0261
thin-bed reservoirs, GC9501, GC9801
Thirtyone Formation, RI0216, RI0230
Thrall area, BL0066
Threadgill Creek quadrangle, GQ0020
Three Bar field, RI0230
three-dimensional (3-D)
seismic data, GC9501, GC9705, GC9801, GC9901, SW0003, SW0007, SW0008
Gulf Coast Basin, GCAGS 508SV
Montana, GC0101
Throckmorton County, GA0038, MM0008
tide-dominated deltaic reservoirs, RI0226
tight gas sandstones, RI0164, RI0185, RI0204, RI0211, RI0234
Timber Creek quadrangle, OFSM007
Tirrawarra Sandstone, RI0231
Titus County, GA0033
Tom Green County, BL2807, GA0028, WR0038
tomography, RI0254
Tordilla Hill area, STGS 203G
Tornillo quadrangle, OFSM066
TP Well quadrangle, OFSM067
trace elements, GC8601, RI0101
trachyte, RI0240
transactions volumes, GCAGS 001–051, GCAGS 099, GCAGS 451
transmissivity, GC0102
Trans-Pecos Texas
Apache Mountains, GQ0035
Big Bend area, GB0027, RI0183, RI0253, STGS 210G
Bofecillos Mountains, RI0253
Cenozoic geology, GB0019
Chinati Mountains, RI0206
field trip guidebooks, STGS 210G
Hueco Basin, GC9102, GC9202, RI0196
hydrogeology, GB0025, GC9005, RI0158,
igneous geology, GB0023, GC8602, RI0151, RI0206
Infiernito caldera, RI0206
minerals mining, MC0064, MC0073
mountains, BL1753
Presidio Bolson, RI0076
Quaternary faults, RI0245
red beds, RI0145
Solitario Dome, RI0240
southwestern, BL2745
sulfur, RI0184
Van Horn Mountains caldera, RI0151
Van Horn–Sierra Blanca area, GQ0040
Travis County, DE0001, GA0003, GQ0050, GQ0051, RI0084
Barton Springs, RI0141, RI0192, AGS 006, AGS 008
Travis Peak Formation, RI0138, RI0164, RI0167, RI0185, RI0204
Trempealeuan, RI0047
Triassic, RI0097
trilobites, RI0047, RI0066
Trinity County, GA0004, GA0024
Trinity Group, GC8803, RI0071
Trinity River, PB4824, RI0048
Trinity Valley, RI0046
Trio quadrangle, OFSM079
Troup (Texas), PB5019
Tucumcari area, BA0010, GA0034
Tuff Canyon, DE0002
tuffs, GB0003
Tule Mountain Trachyandesite, RI0240
tungsten, MC0017
turbidites, GC8407, RI0255
Turkey Knob quadrangle, OFSM012
Turonian, BL1856
turtle structures, RI0212
Tuscaloosa Trend (Louisiana), NOGS 24
Twin Hollow quadrangle, OFSM008
Tyler area, GA0035
Tyler County, GA0035
type logs, CCGS 016TL
unconventional reservoirs, RI0201
underpressuring, GC8501
United States, RI0179
University Lands, BL2346, RI0168, RI0194
University of Texas at Austin, The, campus, AGS GB019
unrecovered mobile oil, GC8904, RI0203
unsaturated flow, RI0199, RI0261
unsaturated zone, RI0243
Upheaval Dome (Utah), RI0262
Upper Cretaceous, RI0153, RI0218, RI0220
Upper Devonian, RI0201
Upper Pennsylvanian, RI0170
Upper Pennsylvanian–Lower Permian, RI0232
Upshur County, GA0035
Upton County, GA0025, GA0028, MM0032
upward-shoaling sequences, GC8705
uranium
Karnes County, RI0030
South Texas, GB0012, GB0018, GC7004, RI0101, CCGS 102G, CCGS 105G
STGS 206G
statewide, EM0003, GC6701
Texas Coastal Plain, RI0100, RI0113
West Texas, RI0027
urban geology, **Austin**, GB0016, RI0086, AGS 001, AGS 009, AGS 012, AGS 020, AGS GB019, AGS GB021
San Antonio, STGS 213G
urban growth, MM0039
Utah, RI0249, RI0262
Utley quadrangle, OFSM115
Utopia quadrangle, OFSM080
Uvalde area, CCGS 110G
Uvalde County, MM0038
vadose zones, RI0160
valley fill, RI0251
Val Verde Basin, RI0232
Val Verde County, BL1803, GA0014, GA0032, GQ0053, MS0052
Vanderpool quadrangle, OFSM081
Van Horn area, GA0036, PB5301, RI0072
Van Horn Mountains, GQ0023, RI0009
Van Horn–Sierra Blanca area, GQ0040
Van Raub quadrangle, OFSM020
Van Zandt County, BL3601, GA0013, GA0035, WR0040
vapor transport, RI0207
variable-density flow, RI0202

vegetation-line changes, GC8505, GC8901
vegetation maps, SM0008
veins, GC8606
velocity ratio, V_p/V_s , RI0237
Venezuela, RI0226, RI0252
vermiculite, GB0003, RI0040
vertebrates, GB0022, GB0024, RI0077
vertical hydraulic gradients, GC8501
vertical seismic profiles, SW0003, GC9704, RI0254
Vertisols, RI0198
vibroseis, SW0003
Vicksburg Formation, GC9201, GC9401, RI0219, RI0222, SW0003
Vicksburg gas field, SW0004
Victoria County, GA0005
vineyards, AGS GB018
Virgilian Series, CS0007, GC6903, RI0197
volcanic ash, MC0002
volcanic geology, GB8102
volcanic glass detritus, GC9302
volcaniclastic rocks, GB0023, GB0027
volcanism, RI01135, RI0253, AGS 004
VSP — *see* vertical seismic profiles
vugs, GC8705, GC9304, RI0208,
Waco area, GA0037, RI0012
Waddell field, GC9003
Waha field, West, GC9901, SW0008
Walker County, GA0004
Ward County, GA0025, GC9901
Waring quadrangle, OFSM107
Washington County, GA0003
Washita Formation, BL1945
Washita Group, RI0094
Washita Prairie, AGS 011
waste disposal, GC7002, RI0139
water chemistry, RI0158, RI0160, RI0225
water content, GC8504
waterflood performance prediction, RI0247
water quality, GC8003, RI0176, RI0225, RI0257
Barton Springs, AGS 014
water resources, **Corpus Christi area**, RI0095
Houston-Galveston area, SR0004
Mustang and N. Padre Islands, RI0092
Panhandle, RI0161
water salinity, RI0225
water-saturation models, RI0260
water use, GC7004
wave-dominated deltaic sandstone, RI0153
Webb County, BL2230, GA0011, GA0019; CCGS 105G
Weibull, RI0227
Weir quadrangle, OFSM096
Wellborn Formation, RI0055
well logging and logs, RI0142, RI0182, RI0194, SW0003, SW0008
offshore Gulf of Mexico, NOGS 03
well records, BL2232
well sample indexes, IS0001, IS0003, PB5015
Wendell quadrangle, GQ0015
Weno Formation, BL1856
West Bay, GC8603
West Germany, RI0181
West Hueco Bolson, MM0040
West Texas, **carbonate reservoirs**, GC9502, RI0263
cement, MC0083
core photos, GC9702
cross sections, CS0006
Ellenburger, RI0186, RI0193
Emma San Andres field, RI0178
geologic map, MM0040
ground water, RI0191
guidebooks, GB0026, GB0027
Horseshoe Atoll, PB5607
oil and gas, PB5716
South Cowden field, RI0263
sulfur, GC6902
Tertiary rocks, RI0070
uranium, RI0027
Woodford Shale, RI0007
wetlands, SL0001–SL0007
Wharton County, GA0030
Wheeler County, GA0002
Whiterock Hills quadrangle, OFSM068
Wichita County, BL0246, GA0038, MM0008, MS0028
Wichita Falls area, GA0038
Wichita Group, RI0170
Wilbarger County, GA0038
Wilberns Formation, RI0047, RI0062, RI0066
Wilcox gas field, SW0004
Wilcox Group **aquifer**, RI0189
coal/lignite, GC8303, GC8601, GC9101, GF0001, GF0002, RI0098, RI0188
depositional systems, GC6704, GF0001, GF0002
environmental geology, RI0098
ground water, GF0003, RI0175
heavy oil, GC9303
hydrochemistry, GF0003
hydrology, GC8003
seismic analysis, GC9504
stratigraphic nomenclature, RI0044
water quality, GC8003
Wilcox Trend, CCGS 016TL
Willacy County, GA0023
Williams Fork Formation, RI0220
Williamson County, GA0003, MS0018, AGS 008
Willow City quadrangle, GQ0004
Wilson County, MS0051
Wimberley quadrangle, OFSM032
Winchester quadrangle, OFSM148
wineries, AGS GB018
Winkler County, RI0114
Wink Sink, GA0025, RI0114
Winn Parish (Louisiana), NOGS 09
Wise County, BL1758, BL3224, GA0031, MM0008
Wolfcampian, CS0007, GC6903, RI0169, RI0197
Woodbine Formation, BL3138, GQ0042, RI0073
Woodford, RI0007, RI0201
Woods Hollow Shale, RI0240
Worsham-Bayer field, GC9901, SW0008
Wristen Group, RI0216
Wylie Mountains, GQ0021
Wyoming, RI0136, RI0220, RI0234
Yarborough Pass, GC7701
Yeager Creek quadrangle, GQ0034
Yegua Formation, PB3820, PB3945, GC8601, HGS CD1
Yegua-Jackson lignite belt, RI0129
Yoakum County, GA0007
York field, GC9003
Young County, GA0038, MM0008, MS0049
Youngsport quadrangle, OFSM037
Ysleta quadrangle, OFSM069
Yucca Formation, RI0240
Zapata County, BL2230, GA0019, GA0023, MM0027; CCGS 105G
Zavala County, GA0011, RI0153
Ziiker Park, AGS 018