| Field or show | Local | Country | Long | Lat | Basin | Type | Size | Reservoir | Lithology | Geologic Period | Geologic Era | Reference |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ourhoud | Ouargla Province | Algeria | 30,1700 | 6,6750 | Berkine (Ghadames) | oil | seep | plateau basalt | basalt | Triassic | Mesozoic | Schutter (2003) |
| Ben Khalala | Oued Mya | Algeria | 3,4585 | 29,2124 | Oued Mya | oil | 238,000 Mbbl | basalt | basalt | Triassic | Mesozoic | Zou (2013) |
| Haoud Berkaoui | Oued Mya | Algeria | 5,3383 | 31,7758 | Oued Mya | oil | 238,000 Mbbl | basalt | basalt | Triassic | Mesozoic | Zou (2013) |
| Mayo, Cupen Mahuida, Veja Grande, La Yesera and Loma Negra | Argentina | Argentina | -69,6200 | -36,3400 | Neuquen | oil and gas | 12,2 Mbbl of oil and 17.23 mmcfd of gas | altered rhyolite, rhyolite tuff, agglomerate | rhyolite | Jurassic | Mesozoic | Pángaro et al. (2006); Monreal et al. (2009); Spacapan et al. (2020) |
| YPF Palmar Largo | Argentina | Argentina | -64,3221 | -23,1200 | NW Nueva Orán | oil and gas | 212 Mbbl | vuggy basalt | basalt | Late Cretaceous | Mesozoic | Schutter (2003); Zou (2013) |
| El Puma, Paso Fuhr and Morro Chico | Argentina | Argentina | -58,8000 | -28,8170 | Austral (or Magallanes in Chile) | oil and gas | 9,058 Mbbl | granites, lava domes, minor intermediate lavas, and epiclastics, tuffs | | Jurassic | Mesozoic | Pángaro et al. (2006); Sruoga e Rubinstein (2007); Venara et al. (2009) |
| Tupungato | Mendoza | Argentina | -67,1977 | -33,9833 | Cuyo | oil | 8,700 M bbl | fractured tuff | basalt | Triassic | Mesozoic | Schutter (2003); Zou (2013) |
| Estancia Dos Lagunas | South of Argentina (Santa Cruz Province) | Argentina | -72,1800 | -51,9900 | Austral (or Magallanes in Chile) | gas | 1,860 MMm3 of gas and 1.35x10^6 bbl (214 Mm3) of condensate | Serie Tobífera volcanic and volcaniclastic rocks | volcaniclastic | Jurassic | Mesozoic | Venara et al. (2009) |
| Moroak | Northern Territory | Australia | 136,3300 | -16,1800 | McArthur | bitumen | seep | basalt | basalt | Jurassic | Mesozoic | Jackson et al. (2013); Bishoff (2019) |
| Waggon Lagoon | Northern Territory | Australia | 136,3300 | -16,1800 | McArthur | bitumen | seep | basalt | basalt | Jurassic | Mesozoic | Jackson et al. (2013); Bishoff (2019) |
| unspecified | Northern Territory | Australia | 127,9900 | -17,4100 | Ord | bitumen | seep | basalt | basalt | Jurassic | Mesozoic | Jackson et al. (2013); Bishoff (2019) |
| unspecified | Northern Territory | Australia | 130,5100 | -16,7400 | Victoria River | bitumen | seep | basalt | basalt | Jurassic | Mesozoic | Jackson et al. (2013); Bishoff (2019) |
| Friendship | Northern Territory | Australia | 136,3300 | -16,1800 | McArthur | oil and bitumen | show | dolerite | dolerite | Jurassic | Mesozoic | Jackson et al. (2013); Bishoff (2019) |
| Scotia | Queensland | Australia | 142,7100 | -21,1100 | Bowen-Surat | gas | 112 Mbbl | fractured andesite | andesite | Jurassic | Mesozoic | Zou (2013) |
| Taylor | Queensland | Australia | 142,7100 | -21,1100 | Bowen-Surat | oil and gas | | fractured volcanics | | Jurassic | Mesozoic | Zou (2013) |
| Scott Reef | Scott Reef | Australia | 146,1800 | -17,1300 | Browse | oil and gas | 3877x10^8 m3 gas and 125 MMbbl | Effusive basalt | basalt | Jurassic | Mesozoic | Zou (2013) |
| Ord River basin | Western Australia | Australia | 127,9900 | -17,4100 | Ord | oil | seep | basalt | basalt | Upper Jurassic | Mesozoic | Jackson et al. (2013); Bishoff (2019) |
| Ashmore Reef | Western Australia | Australia | 124,7700 | -14,9100 | Bonaparte | oil | show | volcanics | volcaniclastic | Upper jurassic | Mesozoic | Jackson et al. (2013); Bishoff (2019) |
| Sulphur Springs | Western Australia | Australia | 119,2100 | -21,1710 | Pilbara | oil and bitumen | show | massive sulphides in felsic to intermediate volcanics | | Upper jurassic | Mesozoic | Jackson et al. (2013); Bishoff (2019) |
| Muradkhanly | Middle Kura Depression | Azerbaijan | 46,3000 | 40,8600 | western | oil | | andesite and basalt, interflow sediments | basalt | Cretaceous | Mesozoic | Schutter (2003); Zou (2013) |
| Badejo e Linguado | Brazil | Brazil | -40,28 | -23,2660 | Campos | oil | 2 Mbbl | fractured basement (alkaline basalt interbedded with volcaniclastic and sedimentary rocks) | basalt | Lower Cretaceous | Mesozoic | Tigre et al. (1983); Bruhn et al. (2003) |
| Queen Charlotte Islands | British Columbia | Canada | -132,0300 | 53,0100 | Queen Charlotte | bitumen | seep | basalt, andesite flows, agglomerate, tuffs, sills | | Jurassic | Mesozoic | Schutter (2003); Zou (2013) |
| Tian Head | British Columbia | Canada | -132,0300 | 53,0100 | Queen Charlotte | oil and gas | shows | basalts flows, breccias, rhyolite, flows | | Jurassic | Mesozoic | Schutter (2003); Zou (2013) |
| unspecified | Newfoundland | Canada | -57,6400 | 53,0300 | Newfoundland | bitumen | seep | dolerite | dolerite | Paleozoic | Paleozoic | Schutter (2003); Zou (2013) |
| Tar Point | Quebec | Canada | -64,4900 | 48,6700 | Gaspe | oil | seep | dolerite | dolerite | Silurian and Devonian | Paleozoic | Schutter (2003); Zou (2013) |
| Siglia | Atacama | Chile | -68,2600 | -23,5400 | Salar de Atacama | gas | seep | flank of diorite intrusion | diorite | Neogene | Cenozoic | Venara et al. (2009) |
| Concepcion South | Concepcion | Chile | -73,2600 | -37,4800 | Concepcion | bitumen, asphalt | seep | sediments near granodiorite | granodiorite | Paleogene and Neogene | Cenozoic | Venara et al. (2009) |
| Magallanes | Magallanes (Austral) | Chile | -70,4300 | -50,4700 | Magallanes | oil | 1,860 MMm3 of gas and 1.35 Mbbl of condensate | crystalline rhyolites and lavas | rhyolite | Jurassic | Mesozoic | Patricio e Herrero (1997); Pángaro et al. (2006); Sruoga e Rubinstein (2007); Venara et al. (2009) |
| Tamarugal | North Chile | Chile | -69,3000 | -20,2900 | Tamarugal | oil | seep | anticline around intrusive | | Jurassic | Mesozoic | Venara et al. (2009) |
| Sichuan - Chongqiong | China | China | 105,2900 | 30,9100 | Sichuan | gas | 1,400 Mbbl | extrusive facies volcaniclastic | volcaniclastic | Permian | Paleozoic | Xinhua et al. (2019) |
| North Jiangsu | China | China | 119,7700 | 33,0100 | North Jiangsu | oil and gas | | fractured basalt flows | basalt | Cenozoic and Paleogene | Cenozoic | Ran et al. (2018) |
| Malang sag | China North | China | 93,3400 | 44,0200 | Santanghu | oil | 350,000 Mbbl | basaltic andesitic, basalt, andesite, breccia, tuff | | Cretaceous | Cenozoic | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| Rehetai | China North | China | 122,7800 | 41,6400 | Liahoe | oil | 612 bbl | andesite | andesite | Neogene | Cenozoic | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| Daqing | East China | China | 125,1000 | 46,4500 | Songliao | gas | 10.000.000.000 Mbbl | crystalline rhyolites and rhyolitic pyroclastics | rhyolite | Upper Carboniferous, Lower Cretaceous and Palaeogene | Paleozoic | Farooqui et al. (2009) |
| Shijutuo | East China | China | 114,1600 | 36,9000 | Bohai | oil and gas | 2 Mbbl | basalt, andesite | | Paleogene and Neogene | Cenozoic | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| Qingshen, Kelameili, Qijia-Gulong | East China | China | 124,4900 | 46,3940 | Songliao | gas | 3,200 Mbbl | Basalt, andesite, dacite, rhyolite, tuff, and volcanic breccia | | Cretaceus | Mesozoic | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| several fields | East China | China | 113,5000 | 43,3000 | Erlian | oil and asphalt | 30,000 Mbbl | Basalt and andesite | | Jurassic | Mesozoic | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| Hailar | East China | China | 119,8000 | 49,1900 | Hailar | oil | 420,000 Mbbl | tuff and rhyolite | rhyolite | Cretaceous, Permian and Carboniferous | Paleozoic | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| Xinglongtai | East China | China | 112,0300 | 40,9800 | Bohai | oil | 760 bbl | andesite, basalt, basement granite | | Archean | Archean | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| Linpan (Huimin sag) | East China | China | 104,2800 | 30,6200 | Bohai | oil | 896,000 Mbbl | volcanics | volcaniclastic | Paleogene | Cenozoic | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| Binnan | East China | China | 120,0700 | 41,5900 | Bohai | oil | | basalt | basalt | Palaeogene | Cenozoic | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| Bintian | East China | China | 116,9200 | 29,1950 | Bohai | oil | | basaltic volcanics | basalt | Neogene | Cenozoic | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| Caoqiao/Caojiawu | East China | China | 119,9300 | 31,4900 | Bohai | oil | | basaltic volcanics | basalt | Neogene | Cenozoic | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| Jiangling Sag | East China | China | 112,6600 | 30,8100 | Jianghan | gas | | basalt | basalt | Cenozoic | Cenozoic | Sun e Zhong (2018) |
| Yibei | East China | China | 119,2300 | 34,3000 | Bohai | oil | | lamprophyre | lamprophyre | Mesozoic | Mesozoic | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| Dangshenpu | Eastern Liaohe sag (Damintun depression) | China | 112,5600 | 41,7400 | Liaohe | gas | 190,000 Mbbl | Basalt and andesitic basalt | basalt | Paleogene | Cenozoic | Zou (2013); Koning (2014) |
| Fenghuadian | Huanghua Depression | China | 117,3300 | 38,3100 | Huanghua | oil | | andesites, basalts and tuffs | | Mesozoic | Mesozoic | Mao et al. (2015); Sun e Zhong (2018); Ran et al. (2018) |
| Tuha | West China | China | 116,2900 | 36,7260 | Tuha | gas | 1.600.000 Mbbl | volcanic | volcaniclastic | Permian | Paleozoic | Sun e Zhong (2018) |
| Bachu Arch | West China | China | 81,7400 | 39,6500 | Tarim | oil | 5 Mbbl | Dacite, basalt, volcanic breccia, and tuff | | Permian | Paleozoic | Mao et al. (2015) |
| Xinjiang | West China | China | 87,1600 | 45,0100 | Junggar | gas | 628 Mbbl | Andesite, basalt, tuff, and volcanic breccia | | Permian | Paleozoic | Mao et al. (2015); Sun e Zhong (2018); Wang et al. (2018) |
| Magdalena Valley | Colombia | Colombia | -74,5300 | 5,8200 | Upper Magdalena | oil | seep | volcanic ash | volcaniclastic | Middle–Upper Permian | Paleozoic | Schutter (2003); Zou (2013); Ran et al. (2018) |
| Lake Kivu | Congo | Congo | 29,1900 | -2,1000 | Lake Kivu | gas | 313.000.000 Mbbl | volcanic | volcaniclastic | Mesozoic | Mesozoic | Zou (2013) |
| Cocoles | Costa Rica | Costa Rica | -82,7300 | 9,5800 | Bocas del Toro | oil | 8 Mbbl | fractured andesite | andesite | Pliocene-Pleistocene | Cenozoic | Schutter (2003); Zou (2013); Ran et al. (2018) |
| Motembo | between Santa Clara and Matanzas Provinces | Cuba | -80,6900 | 22,8800 | North Cuba | oil and inflammable gas seep from cracks | 1,800 Mbbl | fractured serpentine and granitic, plugs, dykes, laccoliths, lavas | granite | Eocene | Cenozoic | Lewis (1932); Hall (1956); Schutter (2003) |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jarahueca | Cuba | Cuba | -79,3300 | 22,2100 | North Cuba | oil | 1,250 Mbbl | fractured serpentine and granitic, plugs, dykes, laccoliths, lavas | granite | Eocene | Cenozoic | Lewis (1932); Hall (1956); Schutter (2003) |
| Jatibonico | Cuba | Cuba | -79,1600 | 21,9200 | South Cuba | oil | 1,250 Mbbl | basaltic tuff | basalt | Eocene | Cenozoic | Lewis (1932); Hall (1956); Schutter (2003) |
| Cristales | Cuba | Cuba | -78,8000 | 22,0700 | North Cuba | oil and gas | 2.5 Mbbl | basaltic tuff | basalt | Eocene | Cenozoic | Zou (2013) |
| Bacuranao | Cuba | Cuba | -82,2600 | 23,0400 | North Cuba | oil | 343 Mbbl | fractured serpentine and granitic, plugs, dykes, laccoliths, lavas | granite | Eocene | Cenozoic | Lewis (1932); Hall (1956); Schutter (2003) |
| Guanabo | Cuba | Cuba | -82,1500 | 23,1100 | North Cuba | oil | 76 Mbbl | fractured serpentine and granitic, plugs, dykes, laccoliths, lavas | granite | Eocene | Cenozoic | Lewis (1932); Hall (1956); Schutter (2003) |
| Santa Maria del Mar | Cuba | Cuba | -82,1900 | 23,1600 | North Cuba | oil | 88 Mbbl | fractured serpentine and granitic, plugs, dykes, laccoliths, lavas | granite | Eocene | Cenozoic | Lewis (1932); Hall (1956); Schutter (2003) |
| Camarioca | Cuba | Cuba | -81,4500 | 23,1300 | North Cuba | oil | | fractured serpentine and granitic, plugs, dykes, laccoliths, lavas | granite | Eocene | Cenozoic | Lewis (1932); Hall (1956); Schutter (2003) |
| Cantel | Cuba | Cuba | -81,3300 | 22,9400 | North Cuba | oil | | fractured serpentine and granitic, plugs, dykes, laccoliths, lavas | granite | Eocene | Cenozoic | Lewis (1932); Hall (1956); Schutter (2003) |
| Penas Altas | Cuba | Cuba | -81,5200 | 23,0100 | North Cuba | oil | | fractured serpentine and granitic, plugs, dykes, laccoliths, lavas | granite | Eocene | Cenozoic | Lewis (1932); Hall (1956); Schutter (2003) |
| Pina | Cuba | Cuba | -78,7000 | 21,9800 | Central Cuba | oil | | fractured tuffs and agglomerate | | Eocene | Cenozoic | Lewis (1932); Hall (1956); Schutter (2003) |
| Semilly | Czech Republic North | Czech Republic | 15,3200 | 50,5300 | Czech Republic North | bitumen | seep | dolerite | dolerite | Permian or Triassic | Paleozoic | Schutter (2003) |
| Rybnik | SW Czech Republic | Czech Republic | 14,2100 | 49,7400 | SW Czech Republic | bitumen | seep | dolerite | dolerite | Permian or Triassic | Paleozoic | Schutter (2003) |
| Mítov | West Czech Republic | Czech Republic | 13,6900 | 49,5200 | West Czech Republic | bitumen | seep | pillow basalt, dolerite | | Permian or Triassic | Paleozoic | Schutter (2003) |
| Santa Elena | Ecuador | Ecuador | -80,8700 | -2,3600 | Santa Elena | oil | | igneous dykes | | Cretaceous-Paleogene | Mesozoic | Schutter (2003) |
| Sinai | Sinai Peninsula | Egypt | 33,9600 | 27,8700 | Sinai | oil | 74,000 Mbbl | dykes | | Oligocene - Miocene | Cenozoic | Bawazer et al. (2018) |
| Zeit Bay and Ashrafi | southern Gulf of Suez | Egypt | 33,5800 | 27,7400 | Gulf of Suez | oil | 597,000 Mbbl | fractured basement | | Precambrian | Proterozoic | Bawazer et al. (2018) |
| Carolina district | El Salvador | El Salvador | -88,3400 | 13,6700 | San Miguel | oil | seep | andesite | andesite | Mesozoic and Cenozoic | Mesozoic | Schutter (2003) |
| Near Clermont-Ferrand | Auvergne | France | 3,0860 | 45,6990 | Limagne Graben | asphalt | show | peperite, basalt | basalt | Cenozoic | Cenozoic | Schutter (2003) |
| Ninotsminda | Ninotsminda | Georgia | 44,1300 | 41,7600 | Kura | oil | | laumontite tuff | | Eocene | Cenozoic | Patton (1993); Levin (1995); Schutter (2003) |
| Rustavi | Rustavi | Georgia | 44,1800 | 41,5100 | Kura | oil | | laumontite tuff | | Eocene | Cenozoic | Patton (1993); Levin (1995); Schutter (2003) |
| Manavi | Sagarejo | Georgia | 44,4900 | 41,9500 | Kura | oil | | laumontite tuff | | Eocene | Cenozoic | Patton (1993); Levin (1995); Schutter (2003) |
| Teleti | Tbilisi | Georgia | 45,7700 | 41,7200 | Kura | oil | 3,000 Mbbl | laumontite tuff | | Eocene | Cenozoic | Patton (1993); Levin (1995); Schutter (2003) |
| Samgori | | Georgia | 45,3300 | 41,5670 | Kura | oil | 165,000 Mbbl | laumontite tuff | | Eocene | Cenozoic | Patton (1993); Levin (1995); Schutter (2003) |
| Kaiserstuhl | Baden | Germany | 7,6400 | 47,9860 | Baden | bitumen | seep | phonolite | | Permian | Paleozoic | Schutter (2003) |
| Oberstein | Palatine | Germany | 10,9960 | 50,4400 | Palatine | bitumen | seep | metaphyre | | Permian | Paleozoic | Schutter (2003) |
| Werra | Werra district | Germany | 10,2200 | 50,9400 | Northwest German | oil | seep | basalt | basalt | Permian | Paleozoic | Schutter (2003) |
| Stahlberg | West Germany | Germany | 7,8640 | 49,5800 | Paris | bitumen | show | rhyolite | rhyolite | Permian | Paleozoic | Schutter (2003) |
| Hagiostrati Island | SE Hagiostrati Island | Greece | 25,6500 | 38,2800 | Aegean | oil | seep | volcanic | volcaniclastic | Upper Cretaceous and Cenozoic | Mesozoic | Schutter (2003) |
| Faredjik | | Greece | 27,5200 | 40,4990 | Thace | oil | seep | andesite | andesite | Upper Cretaceous and Cenozoic | Mesozoic | Schutter (2003) |
| Romer Fjord | East Greenland | Greenland | -23,3900 | 69,6400 | Jameson Land | oil | seep | basalt | basalt | Mesozoic to Paleogene | Mesozoic | Schutter (2003) |
| Ilimaussaq Peninsula | South Greenland | Greenland | -45,7800 | 60,8400 | South Greenland | oil, gas, bitumen | show | syenite | syenite | Mesozoic to Paleogene | Mesozoic | Schutter (2003) |
| Disko Island | West Greenland | Greenland | -53,2800 | 69,7700 | Nuussauq | oil | seep | basalt | basalt | Mesozoic to Paleogene | Mesozoic | Schutter (2003) |
| Maligaat | West Greenland | Greenland | -54,7700 | 70,4300 | Nuussauq | oil | seep | basalt (in vesicular flow tops) | basalt | Mesozoic to Paleogene | Mesozoic | Schutter (2003) |
| Scoresby Sund | West Greenland | Greenland | -24,7100 | 70,4900 | Jameson Land | oil | seep | basalt | basalt | Mesozoic to Paleogene | Mesozoic | Schutter (2003) |
| Pasztori | Gyor | Hungary | 17,3000 | 47,5470 | Pannonian | oil | show | agglomerate | | Late Cenozoic | Cenozoic | Schutter (2003) |
| Recsk | Heves | Hungary | 20,1400 | 47,9100 | Pannonian | bitumen | seep | rhyolitic tuff | rhyolite | Late Cenozoic | Cenozoic | Schutter (2003) |
| Parád | Komitat Heves | Hungary | 20,2000 | 47,7600 | Pannonian | bitumen | seep | andesite | andesite | Late Cenozoic | Cenozoic | Schutter (2003) |
| Nagy Bálány | NE Budapest | Hungary | 18,8700 | 47,6900 | Pannonian | bitumen | seep | andesite | andesite | Late Cenozoic | Cenozoic | Schutter (2003) |
| Skyndidalur | SE Iceland | Iceland | -15,0900 | 64,4100 | | oil | seep | basalt | basalt | Paleogene | Cenozoic | Schutter (2003) |
| Cambay | Gulf of Cambay | India | 72,3800 | 21,1100 | Cambay | oil | show | basalt | basalt | Paleogene and Neogene | Cenozoic | Farooqui et al. (2009) |
| Bokaro Coalfield | Jharkhand | India | 86,1600 | 23,3500 | Damodar | oil | show | sandstone near dolerite, lamprophyre intrusions | dolerite | Mesozoic | Mesozoic | Farooqui et al. (2009) |
| Bombay Island | Lower Parel | India | 72,7600 | 18,8700 | Bombay Offshore Basin | bitumen | seep | dolerite | dolerite | Latest Cretaceous to Early Paleocene | Mesozoic | Farooqui et al. (2009) |
| Raageshwari | Rajasthan | India | 71,9100 | 25,0100 | southern Barmer. Northern extension of Cambay | gas | 711 Mbbl | eruption and deposition basic and acid rocks | | Paleogene and Neogene | Cenozoic | Chowdhury et al. (2014); Mund et al. (2017) |
| Jatibarang | Java | Indonesia | 108,3400 | -6,4500 | NW Java | oil and gas | 1.200,000 Mbbl | fractured basalt, andesitic tuff, tuff, breccia, agglomerate | | Eocene-Oligocene | Cenozoic | Farooqui et al. (2009); Seubert (2015); Racey (2018) |
| Bantam | Java | Indonesia | 106,1600 | -6,0600 | NW Java | oil | | tuff | | Eocene-Oligocene | Cenozoic | Farooqui et al. (2009); Seubert (2015); Racey (2018) |
| Tanjung | Kalimantan | Indonesia | 111,6400 | -0,6200 | Kalimantan | oil | 21,000 Mbbl | fractured basement | | Eocene-Oligocene | Cenozoic | Koning (2014); Seubert (2015); Racey (2018) |
| Palembang | Sumatra | Indonesia | 104,7600 | -3,0100 | southern Sumatra | oil and gas | 1.240.000.000 Mbbl | tuff and fractured basement | | Eocene-Oligocene | Cenozoic | Koning (2014); Seubert (2015); Racey (2018) |
| Etna | Etna | Italy | 15,0200 | 37,6900 | Etna | oil | seep | dolerite, basalt | | Paleogene, Neogene and Quaternary | Cenozoic | Schutter (2003) |
| Francavilla | Etna North | Italy | 15,0800 | 37,8900 | Etna | oil | seep | basalt | basalt | Paleogene, Neogene and Quaternary | Cenozoic | Schutter (2003) |
| Paterno | Etna NW | Italy | 14,9100 | 37,5400 | Etna | oil | seep | basalt | basalt | Paleogene, Neogene and Quaternary | Cenozoic | Schutter (2003) |
| Ragusa | Iblei Mountains | Italy | 14,6900 | 36,9100 | Ragusa | asphalt | 153,000 Mbbl | basalt, tuff, gabbro | gabbro | Paleogene, Neogene and Quaternary | Cenozoic | Zou (2013) |
| Mount Vesuvius | Italy | Italy | 14,4300 | 40,8100 | Mount Vesuvius | oil and gas | show | obsidian, lava, ash | | Pliocene to present | Cenozoic | Powers (1932) |
| Rea | Italy North | Italy | 8,8900 | 45,1000 | Po | oil | show | volcanics | volcaniclastic | Late Miocene-Early Pliocene up to present | Cenozoic | Schutter (2003) |
| Stromboli | NE Sicily | Italy | 15,2100 | 38,7800 | Stromboli | oil and gas | show | Volcanic eruptions | volcaniclastic | Pliocene to present | Cenozoic | Powers (1932) |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pachino | Siracusa | Italy | 15,0900 | 36,6900 | Suracusa | oil | seep | dolerite, basalt | | Paleogene, Neogene and Quaternary | Cenozoic | Schutter (2003) |
| Palagonia | SW Etna | Italy | 14,7500 | 37,3100 | Etna | oil | seep | tuff | | Paleogene, Neogene and Quaternary | Cenozoic | Schutter (2003) |
| Monte Amiata | Toscana | Italy | 11,6700 | 42,8100 | Toscana | bitumen and gas | show | andesite | andesite | Quaternary | Cenozoic | Schutter (2003) |
| Honjoji | Japan Central | Japan | 140,3100 | 35,5300 | Niigata | gas | 11.000.000 Mbbl | fractured andesite | andesite | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Yoshii-Higashi Kashiwazaki | Japan Central | Japan | 137,9200 | 36,9300 | Niigata | gas | 3,000 Mbbl | rhyolite | rhyolite | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Nishi-Nagaoka | Japan Central | Japan | 138,8400 | 37,4200 | Niigata | oil and gas | 33,000 Mbbl | altered rhyolite, dacite, green tuff | rhyolite | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Kurokawa | Japan Central | Japan | 140,1000 | 39,7100 | Akita | oil | | andesite, tuff | andesite | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Fujikawa | Japan Central | Japan | 138,4200 | 35,5500 | Niigata | gas | | andesite | andesite | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Myohoji | Japan Central | Japan | 139,6100 | 35,7100 | Niigata | gas | | andesite | andesite | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Kumoide | Japan Central | Japan | 138,3800 | 37,2500 | Niigata | gas | | andesite agglomerate | andesite | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Yukihara | Japan Central | Japan | 140,0400 | 39,3200 | Akita | oil and gas | | altered basalt | basalt | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Katsurane | Japan Central | Japan | 140,0700 | 39,5900 | Akita | oil | | tuff and basalt | basalt | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Mitsuke | Japan Central | Japan | 138,9100 | 37,4700 | Niigata | oil | | dacite, tuff | dacite | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Jurakuji | Japan Central | Japan | 138,9200 | 36,1600 | Niigata | gas | | rhyolite | rhyolite | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Nakadori | Japan Central | Japan | 140,3900 | 37,3600 | Niigata | gas | | rhyolite | rhyolite | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Sarukawa | Japan Central | Japan | 139,9800 | 40,0700 | Akita | gas | | volcanics | volcaniclastic | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Sekihara | Japan Central | Japan | 138,6600 | 37,4400 | Niigata | gas | | pyroclastics | volcaniclastic | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Shiunji | Japan Central | Japan | 139,0600 | 37,8300 | Niigata | gas | | tuff breccia | | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Teradomari Oki | Japan Central | Japan | 138,8400 | 37,6100 | Niigata | oil | | | | Miocene-Pliocene | Cenozoic | Racey (2018); Ran et al. (2018) |
| Oymasha | West Caspian Sea | Kazakhstan | 51,4200 | 38,5900 | Middle Caspian | oil | 36,000 Mbbl | granite | granite | Jurassic | Mesozoic | Sharipov et al. (2018) |
| Suswa volcano | Great Rift Valley | Kenya | 36,3500 | -1,1800 | south-central Kenya | bitumen | seep | fractured trachyte | trachyte | Paleogene, Neogene and Quaternary | Cenozoic | Schutter (2003) |
| Nafoora-Augila | Libya | Libya | 21,7500 | 29,2200 | Sirte | | 2.000.000 Mbbl | rhyolitic and basaltic fractured basement | | Late Jurassic | Mesozoic | Bawazer et al. (2018) |
| unspecified | Gulf of California | Mexico | -111,6000 | 27,2700 | Guaymas | oil | seep 27.6 API; 0.99% S | | | Miocene | Cenozoic | Lenhardt e Götz (2011) |
| Naica and Ojinaga | Mexico | Mexico | -106,0500 | 28,4900 | Chihuahua Trough | oil | seep | suphide mineralization with igneous intrusion | | Cenozoic | Cenozoic | Lenhardt e Götz (2011) |
| Topila | Vera Cruz | Mexico | -97,8300 | 21,3100 | Tampico | oil | 200 Mbbl | basalts, dolerites, basalt, gabbros | basalt | Cenozoic | Cenozoic | Lenhardt e Götz (2011) |
| Ulaanbaatar | Ulan Bator | Mongolia | 107,0300 | 47,8300 | Choibalsan | oil and asphalt | | basalt | basalt | Cretaceous | Mesozoic | Schutter (2003) |
| Aung Sinkha | Gulf of Moattama | Myanmar | 91,0300 | 17,9400 | Gulf of Moattama | oil | 6,000 Mbbl | | | Miocene | Cenozoic | Racey (2018) |
| Kudu | offshore of Oranjemund | Namibia | 13,7600 | -28,5900 | Orange | gas | 534.000.000 Mbbl | basalt | basalt | Jurassic-Cretaceous | Mesozoic | Stanistreet and Stollhofen (1999) |
| Near Koumac | NW | New Caledonia | 164,2300 | -20,6300 | | oil | show | fractured peridotite | peridotite | Eocene | Cenozoic | Kennedy et al. (2017); Bishoff (2019) |
| Kora | Taranaki | New Zealand | 173,8595 | -38,3813 | Taranaki | oil | 1.2 Mbbl | andesite tuffs, volcanoclastics | | Miocene | Cenozoic | Bergman (1992); Kumar et al. (2019); Bishoff (2019) |
| Wiotapu | Taranaki | New Zealand | 176,3700 | -38,3800 | Rotorua-Taupo geothermal | oil | seep | tuff | | Miocene | Cenozoic | Kennedy et al. (2017); Bishoff (2019) |
| Chontales | Nicaragua | Nicaragua | -85,0900 | 11,7600 | Tomas | asphalt | seep | tuff | | Jurassic | Mesozoic | Schutter (2003) |
| Naresto | Arendal | Norway | 8,9300 | 58,4990 | | asphalt | | pegmatite | pegmatite | Cretaceous | Mesozoic | Powers (1932) |
| More and Voring | Norwegian Sea | Norway | 5,2300 | 63,7400 | More and Voring | | | | | Cretaceous | Mesozoic | Nelson et al. (2009); Planke et al. (2015); Senger et al. (2017); Trice et al. (2019) |
| Zambales | East Philippines | Philippines | 119,9400 | 15,4300 | West Luzon | gas | seep | ophiolite | | Miocene | Cenozoic | Schutter (2003) |
| Near Saccario | Cintra | Portugal | -9,5200 | 38,8200 | Lusitanian | oil | seep | basalt | basalt | Lower Cretaceous | Mesozoic | Schutter (2003); Etiope et al. (2013) |
| Baia Mare | Baia Mare | Roumania | 23,6100 | 47,6400 | Pannonian | bitumen | show | rhyolite tuff | rhyolite | Miocene | Cenozoic | Powers (1932) |
| unspecified | Chukotka | Russia | 177,5400 | 64,7000 | Anadyr | oil | | tuff | | Paleozoic and Mesozoic | Paleozoic | Levin (1995) |
| Cape Parthenit | Crimea | Russia | 34,5300 | 45,2950 | Karkinitsk | bitumen | | keratophyre | | Paleozoic and Mesozoic | Paleozoic | Levin (1995) |
| Uzon Caldera | Kamchatka | Russia | 159,9100 | 54,4300 | Kamchatka | oil and bitumen | seep | mafic to felsic volcanics | | Paleozoic and Mesozoic | Paleozoic | Levin (1995) |
| Plammenoye | Kolyme | Russia | 153,6900 | 64,5700 | Vilyui | bitumen | show | rhyolite | rhyolite | Paleozoic and Mesozoic | Paleozoic | Levin (1995) |
| Tamvatnei | Koryak | Russia | 129,9600 | 61,1700 | Kamchatka | bitumen | show | altered serpentinite | serpentinite | Paleozoic and Mesozoic | Paleozoic | Levin (1995) |
| Yaraktin | Markovo-Angara Arch | Russia | 40,8800 | 56,6200 | Moscow | oil | 201,000 Mbbl | Basalt, diabase | | Paleozoic and Mesozoic | Paleozoic | Zou (2013) |
| Khibiny pluton | Oblast de Murmansk | Russia | 37,5600 | 67,2800 | Kola Peninsula | oil and bitumen | | pegmatite | pegmatite | Paleozoic and Mesozoic | Paleozoic | Levin (1995) |
| Ural | Southern Urals | Russia | 59,6200 | 56,7600 | Southern Urals | bitumen | show | basalt, serpetine | serpentinite | Paleozoic and Mesozoic | Paleozoic | Levin (1995) |
| Novoyelkhovskaya | Tatarstan | Russia | 50,6100 | 55,1100 | Tatarstan | gas | show | crystalline basement | | Paleozoic and Mesozoic | Paleozoic | Levin (1995) |
| Pasmurnyi | Vilyui | Russia | 120,2300 | 63,0500 | Vilyui | asphalt | show | kimberlite | kimberlite | Paleozoic and Mesozoic | Paleozoic | Levin (1995) |
| Cape Colony | Cape Colony | South Africa | 22,7500 | -29,7400 | Karoo | oil and gas | seep, show | dolerite, lavas, adjacent sediments | dolerite | Upper Carboniferous to Triassic | Mesozoic | Powers (1932); Zou (2013) |
| Bultfontein | Maseru | South Africa | 26,1300 | -28,3100 | Karoo | oil | show | kimberlite fractured | kimberlite | Cretaceous | Mesozoic | Powers (1932); Zou (2013) |
| Kimberley | Northern Cape Province | South Africa | 24,8300 | -28,7900 | Karoo | gas | show | kimberlite fractured | kimberlite | Cretaceous | Mesozoic | Powers (1932); Zou (2013) |
| Nyhamn | NW Helsingborg | Sweden | 18,3300 | 57,6590 | Baltic | oil | seep | dolerite | dolerite | Lower Paleozoic | Paleozoic | Schutter (2003) |
| Hunneberg | Västergötland | Sweden | 12,5500 | 58,1900 | Wenersberg | asphalt | seep | diabase | diabase | Lower Paleozoic | Paleozoic | Schutter (2003) |
| Khaldieh volcano | Homs | Syria | 38,8600 | 34,4980 | southern | bitumen | seep | carbonatite lava | | Plio-Pleistocene | Cenozoic | Schutter (2003) |
| Wichian Buri | Phetchabun | Thailand | 101,1100 | 15,6100 | Phetchabun | oil and gas | 30,000 Mbbl | dolerite | dolerite | Miocene | Cenozoic | Bawazer et al. (2018); Rodriguez et al. (2018); Racey (2018) |
| Cuomai | Cuomai | Tibet | 84,6900 | 28,9700 | Lunpola | oil | | tuff | | Cenozoic | Cenozoic | Schutter (2003) |
| Karacaoglan | Black Sea | Turkey | 24,7800 | 40,2300 | Thrace | oil | 496 Mbbl | tuff | | Cenozoic | Cenozoic | Schutter (2003) |
| Chirali | Mediterran Sea | Turkey | 30,4200 | 36,3900 | Antalya | oil and gas | seep | sediment contact and fractured rhyolitic | rhyolite | Cenozoic | Cenozoic | Schutter (2003) |
| Katranly | South Erzurm | Turkey | 32,7300 | 36,5550 | Erzurum | oil | seep | basalt dyke | basalt | Miocene | Cenozoic | Schutter (2003) |
| Kamennyi | North Ukraine | Ukraine | 25,6700 | 51,7900 | | bitumen | show | basalt | basalt | Miocene | Cenozoic | Schutter (2003) |
| Butovo | Suhindol North | Ukraine | 37,7400 | 55,3400 | Moscow | bitumen | show | andesite | andesite | Miocene | Cenozoic | Schutter (2003) |
| Rattray Volcanic Province | Central North Sea | United Kingdom | -1,8300 | 57,4500 | Central North Sea | oil and gas | show | | | Mid-Jurassic | Mesozoic | Quirie et al. (2018) |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mountsorrel | England | United Kingdom | -1,1400 | 52,7100 | East Midlands | bitumen | seep | dolorite | dolorite | Carboniferous | Paleozoic | Nelson et al. (2009); Petford and McCaffrey (2003) |
| Cornwall | England | United Kingdom | -5,0900 | 50,1600 | SW England | oil | show | granite | granite | Permian | Paleozoic | Nelson et al. (2009); Petford and McCaffrey (2003) |
| Windy Knoll | England | United Kingdom | -0,1750 | 53,2800 | East Midlands | oil and bitumen | show | hydrothermal veins | | Carboniferous | Paleozoic | Nelson et al. (2009); Petford and McCaffrey (2003) |
| Rockall | NE Atlantic margin | United Kingdom | -12,2500 | 58,5200 | Rockall | oil and gas | show | | | Paleogene | Cenozoic | Senger et al. (2017); Quirie et al. (2018) |
| Clair and Lancaster fields | north of Scotland and West of Shetland | United Kingdom | -5,4200 | 62,2800 | Faroe Shetland/Rona and Utsira Ridges | oil | | fractured basement | | Proterozoic | Proterozoic | Nelson et al. (2009); Andersen et al. (2009); Mark et al. (2018); Rodriguez et al. (2018); Trice et al. (2019) |
| Giants Causeway | Northern Ireland | United Kingdom | -7,0200 | 54,8600 | Newry and Carlingford | bitumen | seep | basalt | basalt | Paleogene, Neogene and Quaternary | Cenozoic | Nelson et al. (2009); Petford and McCaffrey (2003) |
| Inver Tote | Scotland | United Kingdom | -6,0100 | 57,9890 | Minch | bitumen | seep | basalt | basalt | Paleogene, Neogene and Quaternary | Cenozoic | Nelson et al. (2009); Petford and McCaffrey (2003) |
| Mid-Calder | Scotland | United Kingdom | -3,4990 | 55,8300 | Midland Valley | oil, bitumen and gas | seep | dolerite dykes, sillds and plugs and equivalent extrusives | dolerite | Carboniferous | Paleozoic | Nelson et al. (2009); Petford and McCaffrey (2003) |
| Alva | Scotland | United Kingdom | -3,7800 | 56,0100 | Midland Valley | bitumen | seep | lava dolerite dyke in oil shale | dolerite | Carboniferous | Paleozoic | Nelson et al. (2009); Petford and McCaffrey (2003) |
| Hollybush | Wales | United Kingdom | -3,2100 | 51,7200 | Welsh Borderlands | oil and bitumen | seep | Builth volcanics (lavas and pyroclastics) and dolerite dykes | dolerite | Late Cretaceous | Mesozoic | Nelson et al. (2009); Petford and McCaffrey (2003) |
| Novarupta | Alaska | US | -155,1200 | 58,1800 | | gas | seep (fumaroles, 4-14% CH4) | | | Paleogene–Neogene | Cenozoic | Powers (1932); Schutter (2003) |
| Dineh-bi-Keyah | Arizona | US | -109,2500 | 35,8200 | Paradox/Defiance Uplift | oil and gas | | fractured sill | | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Rauzi (2001) |
| Conejo | California | US | -118,9100 | 34,1700 | Ventura | oil | 1,000 Mbbl | basalt agglomerate | basalt | Miocene | Cenozoic | Powers (1932); Landes et al. (1960) |
| Wilmington | California | US | -118,2600 | 33,7800 | Los Angeles | oil | 22 Mbbl | fractured basement | | Miocene | Cenozoic | Powers (1932); Bawazer et al. (2018) |
| Petaluma | California | US | -122,6400 | 38,2200 | Coast Ranges | oil | seep | basalt | basalt | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Landes et al. (1960) |
| Bogess and Harrington | California | US | -122,3200 | 37,3300 | Coast Ranges | oil | seep | dolerite | dolerite | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Landes et al. (1960) |
| Willbur Springs | California | US | -122,4140 | 39,0100 | Coast Ranges | oil (35.7 API) | seep | serpentinite | serpentinite | Paleogene, Neogene and Quaternary | Cenozoic | Landes et al. (1960) |
| Santa Ynez River canyon | California | US | -120,0700 | 34,6100 | Coast Ranges | oil | seep | serpentinite | serpentinite | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Landes et al. (1960) |
| Mono Lake | California | US | -118,9700 | 37,9860 | Great Basin | oil and gas | seep | volcanics and pyroclastics | volcaniclastic | Cretaceous, Paleogene, Neogene and Quaternary | Mesozoic | Powers (1932); Landes et al. (1960) |
| New Almaden | California | US | -121,8200 | 37,1570 | Coast Ranges | oil, gas, froth | seep | andesite, serpentinite, metasediments | | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Landes et al. (1960) |
| Jumbo Mine | California | US | -115,9850 | 35,3300 | Coast Ranges | froth vein | show | serepentinite | serepentinite | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Landes et al. (1960) |
| Abbott Mine | California | US | -122,4400 | 39,0100 | Coast Ranges | froth vein | show | | | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Landes et al. (1960) |
| Manhattan Mine | California | US | -121,0100 | 39,2100 | Coast Ranges | froth vein | show | silicified tuff | | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Landes et al. (1960) |
| The Geysers | California | US | -122,7600 | 38,7600 | Coast Ranges | gas | show (superheated ground water, 15% CH4, some heavier hydrocarbons) | | | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Landes et al. (1960) |
| Del Norte | Colorado | US | -107,5800 | 38,0200 | San Juan Sag | oil | 1.5 Mbbl | fractured sill | | Eocene | Cenozoic | Powers (1932); Schmoker et al. (1996); Farooqui et al. (2009) |
| Connecticut River Valley | Connecticut | US | -72,3900 | 43,1990 | Hartford | bitumen | seep | dolerite, basalt | basalt | Upper Triassic–Lower Jurassic | Mesozoic | Powers (1932); Schutter (2003) |
| Saline County | Illinois | US | -88,5990 | 37,5600 | Illinois | oil | show | rhyolitic dyke | rhyolite | Post-Devonian | Paleozoic | Powers (1932); Schutter (2003) |
| Richland | Lousiana | US | -91,3500 | 32,8100 | Monroe Uplift | gas | 251.000.000 Mbbl | tuff and tuffaceous | | Cretaceus | Mesozoic | Powers (1932); Schutter (2003); Zou (2013) |
| Hampden | Massachusetts | US | -72,3900 | 42,1600 | Hartford | bitumen | | basalt | basalt | Upper Triassic–Lower Jurassic | Mesozoic | Powers (1932); Schutter (2003) |
| Lake Superior | Minnesota | US | -87,1110 | 47,6810 | Lake Superior | gas, graphite | shows | gabbro | gabbro | Middle Proterozoic | Proterozoic | Powers (1932); Schutter (2003) |
| Standard-Amoco | Nevada | US | 114,5500 | 40,1200 | Great Basin | oil | 100 Mbbl | ignimbrites | ignimbrites | Middle Jurassic | Mesozoic | Powers (1932); Schutter (2003) |
| Duckwater Creek | Nevada | US | -115,5960 | 38,5960 | Great Basin | oil | 12 Mbbl | lava, tuff, welded tuff, tuffaceous sandstone | | Middle Jurassic | Mesozoic | Powers (1932); Schutter (2003) |
| Trap Spring | Nevada | US | -113,5300 | 37,9400 | Great Basin | oil | 15,000 Mbbl | rhyolitic ash-flow tuff | rhyolite | Cretaceous, Paleogene, Neogene and Quaternary | Mesozoic | Powers (1932); Schutter (2003) |
| Tomera Ranch | Nevada | US | -116,1500 | 40,5000 | Great Basin | oil | 23 Mbbl | tuffs, interbedded sediments | | Cretaceous, Paleogene, Neogene and Quaternary | Mesozoic | Powers (1932); Schutter (2003) |
| Eagle Springs | Nevada | US | -119,7700 | 39,2600 | Great Basin | oil | 5,500 MM bbl | rhyolitic ash-flow tuff | rhyolite | Middle Jurassic | Mesozoic | Powers (1932); Schutter (2003) |
| Blackburn | Nevada | US | -116,1500 | 40,1100 | Great Basin | oil | 6,000 Mbbl | tuff | | Cretaceous, Paleogene, Neogene and Quaternary | Mesozoic | Powers (1932); Schutter (2003) |
| Three Bar | Nevada | US | -113,8800 | 37,9600 | Great Basin | oil | show | vuggy basalt breccia | basalt | Cretaceous, Paleogene, Neogene and Quaternary | Mesozoic | Powers (1932); Schutter (2003) |
| Willow Creek | Nevada | US | -116,5200 | 41,0000 | Great Basin | oil | | ash-flow tuff | volcaniclastic | Middle Jurassic | Mesozoic | Powers (1932); Schutter (2003) |
| unspecified | New Jersey | US | -76,1400 | 40,7100 | Newark | bitumen | seep | dolerite | dolerite | Mesozoic and Cenozoic | Mesozoic | Powers (1932); Schutter (2003) |
| Raton | New Mexico | US | -104,4400 | 36,7600 | Raton | oil | seep | basalt | basalt | Middle Jurassic | Mesozoic | Powers (1932); Schutter (2003) |
| Aztec | New Mexico | US | -107,9900 | 36,7700 | San Juan | oil | seep | dyke | | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Schutter (2003) |
| SEPCO | North Carolina | US | -78,9800 | 35,5600 | Deep River | oil and gas | show | fractured intrusive | | Triassic | Mesozoic | Powers (1932); Schutter (2003) |
| Clarno | Oregon | US | -120,4900 | 44,7950 | Harney | asphalt | seep | basalt | basalt | Paleogene and Neogene | Cenozoic | Powers (1932); Withers et al. (1994) |
| Clatsop County | Oregon | US | -123,7600 | 45,9200 | Astoria | bitumen | seep | basalt | basalt | Paleogene and Neogene | Cenozoic | Powers (1932); Withers et al. (1994) |
| Florence | Oregon | US | -123,8800 | 43,8900 | West Washington | oil | seep | basalt | basalt | Paleogene and Neogene | Cenozoic | Powers (1932); Withers et al. (1994) |
| Post (Crook County) | Oregon | US | -120,6300 | 44,1300 | Harney | asphalt | seep | rhyolite | rhyolite | Paleogene and Neogene | Cenozoic | Powers (1932); Withers et al. (1994) |
| Wheeler County | Oregon | US | -120,0700 | 44,5500 | Harney | bitumen | seep | tuff | | Paleogene and Neogene | Cenozoic | Powers (1932); Withers et al. (1994) |
| Murfreesboro | Tennessee | US | -86,3800 | 35,7970 | Murfreesboro | oil | seep | peridotite | peridotite | Cretaceous | Mesozoic | Powers (1932); Schutter (2003) |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lytton Springs | Texas | US | -97,5700 | 29,7900 | Kerr | oil | 11,000 Mbbl | serpentinite | serpentinite | Late Cretaceous | Mesozoic | Powers (1932); Sharipov et al. (2018) |
| Thrall | Texas | US | -97,3100 | 30,4200 | East Texas Salt | oil | 2,390 Mbbl | volcanic breccia and serpentinite | serpentinite | Late Cretaceous | Mesozoic | Udden (1915); Powers (1932); Sharipov et al. (2018) |
| Hilbig | Texas | US | -97,3400 | 29,8400 | Kerr | oil | 6,120 Mbbl | serpentinite | serpentinite | Late Cretaceous | Mesozoic | Powers (1932); Sharipov et al. (2018) |
| Terlingua | Texas | US | -103,4990 | 29,0100 | Rio Grande Rift | oil and gas | show | many | | Late Cretaceous | Mesozoic | Powers (1932); Sharipov et al. (2018) |
| West Rozel | Utah | US | -115,4000 | 41,5800 | Great Salt Lake | oil | 100,000 Mbbl | fractured vuggy basalt and agglomerate | basalt | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Schutter (2003) |
| Rozel Point | Utah | US | -112,6400 | 41,3200 | Great Salt Lake | oil | 3 Mbbl | fractured vesicular basalt | basalt | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Schutter (2003) |
| San Rafael Desert | Utah | US | -110,4400 | 38,5900 | SE Utah | oil and bitumen | seep | lamproite | lamproite | Paleogene, Neogene and Quaternary | Cenozoic | Powers (1932); Schutter (2003) |
| Rattlesnake Hills | Washington | US | -119,8300 | 46,3600 | Columbia | gas | 8.200.000 Mbbl | basalt | basalt | Paleogene and Neogene | Cenozoic | Spencer and Powers (1983); Schmoker et al. (1996) |
| Ilwaco | Washington | US | -124,0400 | 46,2000 | Astoria | bitumen | seep | basalt | basalt | Paleogene and Neogene | Cenozoic | Spencer and Powers (1983); Schmoker et al. (1996) |
| Hot Springs County | Wyoming | US | -108,3400 | 43,5900 | Absaroka | oil | 10,000 Mbbl | andesitic volcanics | andesite | Paleozoic | Paleozoic | Spencer and Powers (1983); Schmoker et al. (1996) |
| Castle Rocks | Wyoming | US | -109,0700 | 43,7200 | Absaroka | oil and gas | seep | andesitic volcanics | andesite | Paleozoic | Paleozoic | Spencer and Powers (1983); Schmoker et al. (1996) |
| Chimney Rock | Wyoming | US | -107,9600 | 42,7900 | Absaroka | bitumen | seep | andesitic volcanics | andesite | Paleozoic | Paleozoic | Spencer and Powers (1983); Schmoker et al. (1996) |
| Middle Fork | Wyoming | US | -109,0600 | 43,0200 | Absaroka | oil | seep | andesitic volcanics | andesite | Paleozoic | Paleozoic | Spencer and Powers (1983); Schmoker et al. (1996) |
| Calcite Springs | Wyoming | US | -110,4100 | 44,8500 | Yellowstone | oil | seep | ryolitic volcanics | rhyolite | Paleozoic | Paleozoic | Spencer and Powers (1983); Schmoker et al. (1996) |
| Totumo | La Paz | Venezuela | -71,6200 | 10,5500 | Maracaibo | oil | 380,000 Mbbl | igneous rocks | | Pre-Mesozoic and Jurassic | Mesozoic | Landes et al. (1960); Koning (2014); Sharipov et al. (2018) |
| Bach Ho, Dragon, Rubi, Bavi | offshore SE Vietnam | Vietnam | 108,4200 | 10,2900 | Cuu Long | oil | 1.380.000 Mbbl | fractured reservoir made of unaltered acid igneous lithologies (mostly granites and granodiorites) | | Late Triassic to Late Cretaceous | Mesozoic | Cuong e Warren (2009); Tan et al. (2016); Bawazer et al. (2018); Sharipov et al. (2018) |
| East Shabwa | East Shabwa | Yemen | 47,5700 | 15,0700 | Sab'atayn | oil | 74,000 Mbbl | fractured basement | | Proterozoic | Proterozoic | Rodriguez et al. (2018) |
| Habban | Habban Field | Yemen | 47,3900 | 13,1900 | Sab'atayn | oil | 17 Mbbl | fractured basement | | Proterozoic | Proterozoic | Rodriguez et al. (2018) |