

Worldwide Production

- Offshore
- (c) Condensate

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
ABU DHABI			
ABU DHABI CO. FOR ONSHORE OIL OPERATIONS (ADCO)			
Asab, 1965	8,000-8,700		41.0
Bab, 1958	8,600-9,300		44.0
Bida Al-Qemzan	—		—
Bu-Hasa, 1962	8,300-9,200		39.0
Huwaila	—		—
Northeast Bab: Dabbiyah	—		—
Rumaitha	—		—
Shanayel	—		—
Qusahwira	—		—
Sahil, 1967	9,500-9,800		39.7
Shah, 1966	—		30.0
ABU DHABI MARINE OPERATING CO. (ADMA-OPCD)			
• Umm Shaif, 1958	9,800-12,000	NA	37.0
• Zakum Lower, 1963	8,000-9,000		39.0
ABU DHABI NATIONAL OIL CO. (ADNOC)			
• Abu Al Bukhoosh, 1969	8,900-10,900		32.0
• Arzanah, 1973	11,000-11,300		42.0
• Bunduq, 1964	9,400-10,900		40.0
• Mubarraz, 1969	8,300-10,000		37.0
• Nasr	—		—
ZAKUM DEVELOPMENT CO. (ZADCO)			
• Satah, 1975	8,550-9,550		39.8
• Umm Al Dalkh, 1969	7,700-8,500		32.5
• Zakum Upper, 1963	7,000-8,000		35.0
Total Abu Dhabi		NA	

ALBANIA

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
ALBPETROL			
Amonica, 1980	7,800-9,180		22.0
Ballsh-Hekal, 1967	1,950-4,921		13.0
Cakran-Mollaj, 1977	8,530-12,130		24.0
Delvina (c), 1989	10,728-12,139		35.0
Gorisht-Kocul, 1967	1,640-5,905	14,500	19.0
Visoka, 1963	3,600-4,920		13.0
BANKERS PETROLEUM			
Kucova, 1928	300-3,940		14.0-22.0
Patos-Marinza-Kallm-Verri-Kolonje, 1980	330-5,900		22.0
Total Albania		14,500	

ALGERIA

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
ENI			
Bir Rebaa North, 1989	12,829	3,215	53.0
Bir Rebaa Southeast	—	5,858	—
Bir Rebaa Southwest, 1992	13,158	2,368	39.2
Bir Rebaa West, 1991	12,171	4,099	39.2
BRW-ESW	—	99	—
BSF	—	1,890	—
BSNF-ROD	—	17,839	—
CAFC	—	12,948	—
CAFC (c)	—	2,496	—
HBN Devonian	—	470	—
HBNE Devonian	—	433	—
MLE	—	5,572	—

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
RAR	—	485	—
RDB	—	15	—
REC	—	—	—
RERN	—	940	—
ROM Est.	—	1,046	—
ROM N.	—	2,473	—
ROM, 1986	11,349	1,039	39.0
SFNE (402a)	—	11,541	—
SFNE (403d)	—	1,128	—
SFPW Devonian	—	2,558	—
SFPW Silurian	—	0	—
ZEK	—	1,769	—
ZEK	—	590	—
*ENI production figures include NGL.			
OCCIDENTAL			
Hassi Berkine North, 1995	—	—	—
Hassi Berkine South, 1995	10,000	—	44.3
L'ORGANIZATION OURHOUD			
Ourhoud, 1994	9,850	—	40.4
PERTAMINA			
Menzel Ledjmet North, 1996	—	—	—
SONAHESS			
Gassi El Agreb/Zotti, 1959	9,850	—	42.3
SONARCO (BP)			
Rhourde el Baguel, 1962	9,850	—	42.3
SONATRACH			
Acheb West, 1963	7,360	—	47.4
Acheb, 1963	7,360	—	44.3
Ait Kheir, 1971	8,860	—	52.3
Amassak/Tin-Yaguene, 1970	6,565	—	42.5
Askarene, 1962	8,200	—	43.2
Assekaif South, 1958	2,800	—	41.5
Bab El Hattabet, 1982	11,880	—	44.5
Benkahla	—	—	43.8
Djebel Onk, 1960	3,940	—	38.2
Djoua West, 1967	5,580-6,240	—	42.5
Draa Tamra, 1971	11,600	—	44.5
Edeyen, 1964	5,580	—	43.0
Edjeleh, 1956	1,500-2,800	—	38.2
El Adeb Larache, 1958	4,100	—	41.5
El Borma, 1967	8,200	—	41.7
Gara South	—	—	45.8
Gara, 1962	9,420	—	45.8
Garet Ben Chentir	—	—	49.7
Gassi-Touil (c), 1961	6,562	—	47.4
Gassi-Touil East, 1961	6,890	—	45.8
Guellala Northeast	—	—	44.5
Guellala, 1969	11,320	—	44.5
Guelta, 1962	8,960	—	43.0
Haoud Berkaoui	—	—	43.8
Hassi Chergui, 1963	8,200	—	50.4
Hassi Guettar	—	—	49.7
Hassi Keskassa	—	—	42.5
Hassi Mazoula (B)/North, 1965	4,920-5,118	—	40.2
Hassi Mazoula South, 1963	4,430	—	40.0
Hassi Messaoud North, 1956	10,500	—	46.1
Hassi Messaoud South, 1956	10,500	—	46.1
Hassi R'Mel, 1979	7,760	—	46.1

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
La Reculee, 1957	5,414-5,742		40.4
Makouda, 1975	6,000		52.3
Mereksen, 1974	8,200		49.9
Mesdar East & West, 1972	11,155		39.8
Mokh El Kebch, 1984	12,870		44.5
N'Goussa, 1974	11,715		44.5
Ohanet North, 1960	7,878		44.9
Ohanet South, 1960	7,878		45.4
Oued Gueterini, 1946	6,600		36.2
Oued Noumer, 1969	8,860		52.0
Ras Toumb, 1976	9,190		36.2
Rhourde Chegga, 1959	10,170		47.2
Rhourde Khrouf	—		50.6
Rhourde Messaoud	—		48.3
Rhourde Nouss, 1972	8,530		36.3
Sahane, 1972	12,649		44.5
Sidi Mezriche, 1976	8,085		52.0
Stah, 1971	9,515		47.2
T.F.F6/T.F. North/T.F. NW/Tml., 1962	4,265		42.5
T.F.T. Devo East/Zone 100, 1966	4,600-6,560		42.5
T.F.T. ORD	—		42.1
Tamadane, 1994	8,724		44.0
Tamendjelt, 1970	5,585-6,890		42.5
Tiferfine, 1993	5,000		44.5
Tiguentourine, 1966	2,160-4,265		45.6
Timedratine East, 1964	8,155		41.7
Timedratine, 1964	8,155		42.3
Timellaline-2H	—		39.6
Tin Fouye F6	—		38.6
Tin Fouye N/O, 1966	4,600-6,560		39.4
Tin Fouye North, 1962	4,600-6,560		39.4
Tin Fouye Tabankort (c), 1962	4,600-6,560		—
Tiraremine North/West	6,565		42.5
Zarzitine, 1957	4,700		42.2
Zemlet Nouss	—		43.0
Total Algeria*		1,569,000	

*Includes NGL.

ANGOLA

ENI

Block 15/06:			
• Agogo	—	130	—
• Cabaca	—	61,453	—
• Cinguvu	—	1,067	—
• Mpungi	—	25,863	—
• Ochigufu	—	7,953	—
• Sangos	—	7,943	—
• Vandumbu	—	24,588	—

ESSO E&P ANGOLA

Block 15:			
• Kizomba A, 1999	3,280		—
• Hungo/Chocalho/Marimba	—		—
• Marimba North	3,900		—
• Kizomba B	3,280	375,000	—
• Kissanje/Dikanza	—		—
• Clochas/Mavacola	—		—
• Kizomba C	2,400		—
• Mondo/Batuque/Saxi	—		—

CHEVRON

Block 0:			
• Banzala, 1997	—		—
• Bomboco	—		—
• Kokongo, 1992	12,200		38.0
• Lomba, 1992	8,298		—
• Mafumeira Norte	—		—
• Malongo North, 1966	1,170	188,776	30.0
• Malongo South, 1966	1,150		25.0
• Malongo West, 1966	1,660		22.5
• N'Dola, 1972	10,500		—
• Nemba, 1990	—		—
• Sanha, 1987	—		—
• Takula, 1971	3,070		31.5

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Block 14:			
• Belize	—		—
• Benguela	—		—
• Kambala, 1971	10,278		32.8
• Kuito, 1997	1,263		—
• Kungulo, 1976	—		32.2
• Landana	—		—
• Limba	—		—
• Limba Southwest	2,660		31.6
• Livuite	—	38,710	—
• Lobito	—		—
• N'Sano, 1992	8,770		—
• Numbi, 1980	3,446		34.0
• Tombua-Landana	—		—
• Tomboco	—		—
• Vuko, 1983	3,572		35.0
• Wamba, 1982	2,507		29.0
TOTAL SA			
Block 17:			
• Dalia, 1997	4,921		21.0-23.0
• Girassol (Rosa, Jasmim), 1996	3,280-6,561		22.0-32.0
• Pazflor			—
• (Acacia, Hortensia, Perpetua, Zinia)	1,968-3,937		—
• CLOV (Cravo, Lirio, Orquidea, Violeta)	3,529-4,492		—
• Block 32:			
• Kaombo	—		—
BP			
Block 18:			
• Great Plutonium, 1999	3,937-4,920		—
• Cobalto	—		—
• Cromio	—		—
• Galio	—		—
• Marta	—		—
• Paladio	—		—
• Plutonio	—		—
Block 31:			
• Plutao, Saturno, Venus, Marte (PSVM)	6,562		—
SONANGOL P&P			
Block 2/85			
• Lombo Este, 1984	7,800		41.0
Block 3:			
• Cobo-Pambi, 1990	10,177		37.6
• Oombo, 1992	8,700		—
• Palanca, 1981	8,860		40.0
• Nunce Sul	—		—
Block 4/05			
• Gimboa	—		—
Other areas:			
• Albacore, 1991	7,000		36.8
• B Area LPG	—		—
• Bagre, 1990	9,130		34.6-36.8
• Chopa, 1991	—		—
• Espadarte, 1991	7,730	780,518	34.2
• Essungo, 1975	6,500		35.0
• Estrela, 1990	7,800		36.2
• Impala SE, 1985	8,500		37.0
• Impala, 1983	9,022		37.5
• Malongo LPG	—		—
• Pacassa, 1982	11,500		38.0
• Raia, 1988	8,700		36.4
• Sulele South NE, 1986	7,600		41.0
• Sulele, West 1985	6,900		40.0
• Tubarao, 1984	7,600		38.2
• Benfica, 1955	8,300		30.0
• Bento, 1972	7,350		26.0
• Ganda, 1975	5,000		39.0
• N' Zombo, 1973	5,000-6,300		33.0
• Pangala, 1974	5,200		31.0
SOMOIL/PLUSPETROL			
• Cabeça de Cobra, 1969	4,200		41.0
• Cacucaco, 1958	8,100		30.0
• Galinda, 1959	7,270		30.0

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Kitona, 1973	5,200-6,102		27.0	Piedrabuena	—		—
Legua, 1972	6,300		32.0	Puesto Peter	—		—
Luango, 1977	3,800		39.0	Santa Cruz IA	—		—
Lumueno, 1977	4,300		39.0	Santa Cruz IB	—		—
Mulenvos, 1966	5,900-6,600		25.0	Santa Cruz IC	—		—
N' Z Pangala, 1973	—		—	Santa Cruz ID	—		—
N'Z Kitona D & I, 1973	—		—	Santa Cruz IIA	—		—
Pambo, 1982	4,400		39.0	Santa Cruz IIB	—		—
Pindo, 1966	—		—				
Quenguela, 1968	6,000		32.0	CRI HOLDING/SUCURSAL			
Quinфуquena, 1975	5,462-7,100		30.0	Km. 8	—		—
Quingula, 1972	3,400		34.0				
Sereia, 1974	6,200		28.0	CAPETROL SA			
Tobias, 1961	5,900		30.0	Jose Segundo	6,645		24.0
Total Angola		1,512,000		COPESA CIA CONSTRUCTORA PETROLERA SA			
				Pampa Verdun	—		—
				Sierra del Carril	—		—
				EMPRESA NACIONAL DEL PETROLEO SIPETROL			
				• Magallanes	—		—
				ENERGIA COMPANIA PETROLERA SA			
				El Sauce, 1957	2,674		28.0
				EXXONMOBIL EXPLORATION ARGENTINA			
				Bajo del Choique	—		—
				Los Toldos I Sur	—		—
				Pampa de Las Yegus I	—		—
				GAS Y PETROLEO DEL NEUQUEN S.A.			
				Aguada del Chanar	—		—
				GEOPARK			
				Aquada Baguales	—		—
				El Porvenir, 1941	3,800		24.0
				Puesto Touquet	—		—
				GRECOIL Y CIA SRL			
				La Brea	—		—
				HIGH LUCK GROUP LTD. - SUCURSAL			
				Palmar Largo	—		—
				INGENIERIA ALPA SA			
				El Valle	—		—
				INGENIERIA SIMA SA			
				La Pendiente	—		—
				Paso Aguerre	—		—
				INTERENERGY ARGENTINA SA			
				Bella Vista Oestem 1970	9,200		25.7
				JUJUY ENERGIA Y MINERIA SE			
				Caimancito	—		—
				MADALENA ENERGY ARGENTINA SRL			
				El Chivil	—		—
				El Vinalar	—		—
				Palmar Largo	—		—
				Surubi	—		—
				MADALENA PETROLEUM			
				Puesto Morales Este	—		—
				Rinconada - Puesto Morales	—		—
				MEDANITO SA			
				Aguada del Chivato	—		—
				Cutral - Co. Norte	—		—
				Dos Picos	—		—
				La Tropilla - Bloque I&II	—		—
				Medianera	—		—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
O & G DEVELOPMENTS LTD SA				Jarilla Quemada —			
Bajada de Anelo	—	—	—	PETROLERA LF CO. SRL			
Coiron Amargo Sur Oeste . . .	—	—	—	Lago Fuego	—	—	—
Cruz de Lorena	—	—	—	Los Chorrillos	—	—	—
Sierras Blancas	—	—	—	Tierra Del Fuego - A	—	—	—
OILSTONE ENERGIA				Tierra Del Fuego - B	—	—	—
Baja Baguels	—	—	—	Tierra Del Fuego - C	—	—	—
Cerro Bandera	—	—	—	Tierra Del Fuego - D	—	—	—
Collon Cura	—	—	—	PETROQUIMICA COM. RIVADAVIA SA			
Cutral - Co Sur	—	—	—	25 de Mayo - Medanito Sud Este LP	—	—	—
Loma Negra - Zona Ni	—	—	—	Colhue Huapi	—	—	—
Neuquen Del Medio	—	—	—	El Sosneado, 1965	3,770-4,900	—	19.0
Puesto Cortadera	—	—	—	Jaguel De Los Machos LP	4,757	—	30.0
PAMPA ENERGIA SA				Medanito, 1963	3,280-3,600	—	28.0
El Mangrullo (c)	—	—	—	PLUSPETROL ENERGY SA			
Rincon de Aranda	—	—	—	Ramos, 1975	13,000	—	61.0
Sierra Chata (Chihuidos)	—	—	—	PLUSPETROL			
PAN AMERICAN ENERGY LLC				Centenario Centro, 1961	8,200	—	39.2
Acambuco	—	—	—	Gobernador Ayala	—	—	—
Anticlinal Funes, 1932	7,218	—	—	Gobernador Ayala III	—	—	—
Anticlinal Grande - Cerro Dragon, 1932	7,218	—	—	Jaguel Casa de Piedra	—	—	—
Bandurria Centro	—	—	—	La Calera	—	—	—
Cerro Dragon	—	—	—	Loma Jarillosa Este	—	—	—
Cerro Tortuga	—	—	—	Puesto Pinto CNQ7/A	—	—	—
Chulengo	—	—	—	PRESIDENT PETROLEUM SA			
Coiron Amargo Sur Este	—	—	—	Puesto Flores - Estancia Vieja	—	591,000	—
Koluel Kaike - El Valle, 1957 . .	5,413	24.0	—	Puesto Guardian	—	—	—
Lindero Atravesado (c), 1961 . . .	6,550-9,850	63.3	—	QUINTANA E&P			
Piedra Clavada, 1964	4,900-6,230	21.0	—	Anticlinal Aguada Bandera . .	—	—	—
PETROFARO SA				ROCH			
Faro Virgenes	—	—	—	Angostura CA-14	—	—	—
PETROLEOS SUD-AMERICANOS NECON U.T.E.				Cajon de Los Caballos, 1966 . . .	6,240	—	19
Centro Este	—	—	—	Campo Bremen	2,950	—	—
El Caracol Norte	—	—	—	Chorrillos, 1965	5,648	—	48.0
Loma Montosa Oeste	—	—	—	Las Violetas, 1949	6,560	—	39.0
PETROLERA ACONCAGUA ENERGIA SA				Moy Aike	—	—	—
Catriel Oeste, 1959	—	22.0	—	Oceano	—	—	—
Catriel Viejo	—	—	—	Rio Cullen, 1949	6,560	—	39.0
Atuel Norte	6,262	22.0	—	SAN JORGE PETROLEUM			
Loma Guadaluza	—	—	—	Confluencia Sur, 1995	6,522	—	36.0
Puesto Pozo Cercado	—	—	—	Fondo de la Legua	—	—	—
Tres Nidos	—	—	—	SILVA MARIA OIL SA			
PETROLERA CERRO NEGRO				Mata Magallanes Oeste	—	—	—
Cerro Negro	—	—	—	SINOPEC ARGENTINA			
PETROLERA DEL COMAHUE				Bloque 127, 1970	4,200	—	23.6
Flor de Roca	—	—	—	Cacheuta, 1933	—	—	—
General Roca (Permiso)	—	—	—	Canadon Leon, 1978	—	—	—
PETROLERA EL TREBOL				Canadon Minerales	—	—	3.0
Atamisqui	—	—	—	Canadon Seco, 1943	6,400	—	23.6
Cerro Mollar Norte	—	—	—	Cerro Overo, 1959	3,600	—	23.6
Cerro Mollar Oeste, 1990	1,800	18.0	—	Cerro Wenceslao	—	—	—
Puesto Rojas	—	—	—	El Cordan	—	—	—
Refugio Tupungato	—	—	—	El Huemul-Koluel Kaike, 1957	5,250	—	31.0
PETROLERA PAMPA SA				Las Heras	—	—	—
Senillosa	—	—	—	Meseta Espinosa	—	—	—
PETROLERA PATAGONIS SRL				Mesta Espinosa Norte, 1949 . . .	6,700	—	23.6
Don Alberto	—	—	—	Mesta Sirven	—	—	—
Don Ernesto	—	—	—	Piedra Clavada IV	—	—	—
PETROLERA ENTRE LOMAS				Piedra Colorada-Estruct. Intermedia	—	—	—
Agua Amarga	—	—	—	Sur Piedra Clavada	—	—	—
Bajada del Palo, 1978	7,874	30.0	—	Tres Picos, 1951	9,200	—	23.6
Charco Del Palenque	—	—	33.0	TECPETROL			
Entre Lomas	—	—	—	Agua Salada	5,455	—	53.0
				Aguarague	—	—	—
				El Tordillo	7,640	—	23.0

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Estancia la Mariposa	—	—	—	Los Caldenes	—	—	—
Fortin de Piedra	—	—	—	Los Monos	—	—	—
La Tapera	—	—	—	Los Perales-Las Mesetas	—	—	—
Lomita de La Costa	—	—	—	Manantiales Behr, 1929	8,500	—	21.3
Los Bastos	5,731	—	37.0	Mesa Verde	—	—	—
Los Toldos II Este	—	—	—	Octogono Fiscal	—	—	—
Punta Senillosa	—	—	—	Paso de las Bardas Norte	—	—	—
Puesto Quiroga	—	—	—	Payun Oeste	—	—	—
San Antonio Sur	—	—	—	Pico Truncado-El Cordon	—	—	—
TOTAL AUSTRAL				Puesto Hernandez	—	—	—
Aguada Pichana	—	—	—	Puesto Molina Norte	—	—	—
Cuenca Marina Austral I	—	—	—	Puntilla del Huincan	—	—	—
La Escalonada	—	—	—	Restinga Ali	—	—	—
Pampa de Las Yeguas II	—	—	—	Rincon del Mangrullo	—	—	—
Rincon La Ceniza	—	—	—	Rio Neuquen	—	—	—
San Roque	—	—	—	Rio Tunuyan, 1957	7,500	—	29.7
VISTA OIL & GAS ARGENTINA SA				Senal Cerro Bayo	—	—	—
25de Mayo - Medanito Sud Este RN	—	—	30.0	Senal Picada-Punta Barda (Rio Negro & Neuquen)	—	—	—
Bajada del Palo	—	—	—	Valle del Rio Grande	—	—	—
Charco del Palenque	—	—	—	Vizcacheras, 1962	6,000	—	28.5
Entre Lomas	—	—	—	Volcan Auca Mahuida	—	—	—
Jaguel de Los Machos RN	—	—	—	YSUR ENERGIA ARGENTINA SRL			
Jarilla Quemada	—	—	—	Al Norte de la Dorsal	—	—	—
UNITEC ENERGY				Al Sur de la Dorsal	—	—	—
Sarmiento	—	—	—	Anticlinal Campamento	—	—	—
WINTERSHALL				Dadin	—	—	—
Aguada Federal	—	—	—	Dos Hermanas	—	—	—
Bandurria Norte	—	—	—	Estacion Fernandez Oro	8,530	—	38.6
YPF SA				YSUR PETROLERA ARGENTINA SA			
Bajo del Piche	—	—	—	El Santiagueno	—	—	—
Bajo del Toro	—	—	—	Total Argentina		591,000	
Bandurria sur	—	—	—	AUSTRALIA			
Barranca Yankowsky	—	—	—	New South Wales	—	0	—
Barrancas	—	—	—	Northern Territory	—	56,986	—
Barrancas de Los Loros	—	—	—	Queensland	—	0	—
Campamento Central	—	—	—	South Australia	—	39,178	—
Canadon Amarillo	—	—	—	Tasmania	—	1,096	—
Canadon de la Escondida Las	—	—	—	Victoria	—	29,589	—
Canadon Leon-Meseta Espinosa	—	—	—	Western Australia	—	260,000	—
Canadon Vasco	—	—	—	ENI			
Canadon Yatel	—	—	—	Blacktip	—	268	—
CCYB-17/B	—	—	—	Kitan	—	0	—
Ceferino	—	—	—	AGL			
Cerro Fortunoso	—	—	—	Silver Springs	—	—	—
Cerro Hamaca	—	—	—	OTHER			
Cerro Piedras-C. Guadal N.	—	—	—	Devils Creek (c)	—	—	—
Chachahuen	—	—	—	• Stag, 1993	2,283	—	19.0
Chachahuen Sur	—	—	—	• Van Gogh, 2003	1,247	—	45.7
Chi. De la Salina (YBR)	—	—	—	Arteus (c)	—	—	—
Chi. De la Salina Sur	—	—	—	Bambra	—	—	—
Chi. De la Sierra Negra (Neuquen & Mendoza)	—	—	—	Double Island	—	—	—
El Guadal-Lomas del Cuy	—	—	—	Gibson/S. Plato, 2001	—	—	—
El Manzano	—	—	—	John Brookes (c)	—	—	—
El Manzano Este	—	—	—	Linda	—	—	—
El Manzano Oeste (Resto)	—	—	—	• Little Sandy, 2002	—	—	—
El Medanito	—	—	—	Mohave	—	—	—
El Orejano	—	—	—	North Alkimos	—	—	—
El Porton	—	—	—	Pedirka, 2002	—	—	—
Escalante-El Trebol	—	—	—	Simpson	—	—	—
Filo Morado	—	—	—	Varanus Island	—	—	—
Jaguel de Los Milicos	—	—	—	• Victoria, 2002	—	—	—
La Amarga Chica	—	—	—	Wonnich Deep (c)	—	—	—
La Ribera Bloque 2	—	—	—	• Coniston, 2000	—	—	—
La Ventana, 1957	7,500	—	29.5	APLNG			
Lago Fuego	—	—	—	Denison Trough	—	—	—
Las Manadas	—	—	—	Talinga	—	—	—
Llancanelo	—	—	—				
Loma Amarilla	—	—	—				
Loma Campana	—	—	—				
Loma de La Mina	—	—	—				
Loma La Lata	—	—	—				

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
AWE				ROC OIL			
Dongara, 1966	5,250-5,577	—	—	Cliff Head, 2001	—	71,883	—
BEACH PETROLEUM				SANTOS			
Bargie, 1994	5,682	45.6	—	AMADEUS BASIN:			
Black Stump, 1986	3,815	45.2	—	Mereenie, 1964	4,000	48.9	—
Bodalla South, 1984	4,789-5,215	47.8	—	COOPER/EROMANGA BASIN:			
Glenvale	—	—	—	Bogala, 1984	6,900	—	—
Kenmore, 1985	4,593-4,986	48.2	—	Challum, 1983	—	—	—
BHP BILLITON				OTWAY BASIN:			
• Crosby/Ravensworth/Stickle, 2003	555-820	—	—	Casino (c)	—	—	—
• Griffin area, 1989	8,630	55.0	—	SURAT/BOWEN BASIN:			
• Minerva (c)	—	—	—	Glen Fosslyn (c), 1970	5,790	—	—
• Pyrenees	—	18.6	—	Lark (c), 1993	5,817	—	—
• Stybarrow	—	—	—	Moonie, 1961	58,000	44.5	—
CENTRAL PETROLEUM				CARNARVON BASIN:			
Surprise, 2011	8,202	—	—	Mutineer/Exeter	—	—	—
CHEVRON				OTWAY BASIN:			
• Barrow Island, 1964	1,200-6,700	37.7	—	Casino (c)	—	—	—
• Cowle, 1989	—	—	—	SURAT/BOWEN BASIN:			
• Crest, 1994	—	—	—	Glen Fosslyn (c), 1970	5,790	—	—
• Roller/Skate, 1990-91	—	—	—	Lark (c), 1993	5,817	—	—
• Saladin, 1985	—	—	—	Moonie, 1961	58,000	44.5	—
• Thevenard Island	—	—	—	North Boxleigh (c), 1991	5,463	—	—
• Yammaderry, 1988	—	—	—	Roswin North (c), 1992	5,873	—	—
CONOCOPHILLIPS				VERMILION			
Bayu Undan (c)	—	—	—	• Wandoo, 1991	2,000	19.5	—
• Elang/Kakatua/Kakatua N., 1994	9,862	56.0	—	WOODSIDE OFFSHORE PETROLEUM PTY. LTD.			
ESSO-BHP				WOODSIDE OFFSHORE PETROLEUM PTY. LTD.			
• Barracouta, 1965	4,550	62.8	—	• Cossack, 1989	9,430	47.0	—
• Bream, 1969	6,200	45.4	—	• Goodwyn (c), 1972	9,680	54.5	—
• Cobia, 1972	7,700	44.6	—	• Hermes, 1973	10,040	46.0	—
• Dolphin, 1967	4,000	45.0	—	• North Rankin (c), 1972	9,840	54.5	—
• Flounder, 1968	8,200	46.7	—	• Perseus (c), 1995	—	54.5	—
• Fortescue, 1978	7,700	43.0	—	• Wanaea, 1989	9,430	49.0	—
• Gippsland	—	—	—	Enfield, 1999	—	—	—
• Halibut, 1967	7,700	43.3	—	• Laminaria/Corallina, 1994	10,720	59.0	—
• Kingfish, 1967	7,500	46.9	—	• Pluto (c), 2005	—	—	—
• Mackerel, 1969	7,700	45.6	—	• Vincent, 1998	—	—	—
• Marlin/Turrum, 1966	5,100	50.0	—	Total Australia			
• Perch, 1968	3,700	41.0	—	459,000			
• Seahorse, 1978	4,700	53.0	—	AUSTRIA			
• Snapper/Moonfish, 1968	4,350	47.0	—	OMV			
• Tanwhine, 1981	4,500	65.0	—	Altlichtenwarth, 1940	—	—	—
• Tuna, 1968	6,500	40.5	—	Bernhardthal, 1950	—	—	—
• West Tuna, 1968	8,300	43.4	—	Goesting, 1932	—	—	—
• Whiting, 1983	4,800	52.9	—	Hochleiten, 1973	3,100-5,000	21.3	—
ORIGIN ENERGY				ORIGIN ENERGY			
BassGas (c)	—	—	—	Hohenruppersdorf, 1941	—	—	—
Beharra Springs (c), 1990	10,827	62.0	—	Matzen, 1949	6,100	11,030	25.7
Geographe Thylacine (c)	—	—	—	Maustrenk, 1941	—	—	—
Jingemia, 2002	7,895	37.0	—	Muehlberg, 1942	3,900-5,500	35.0	—
Beldene	—	—	—	Pirawarth, 1957	1,600-6,500	28.4	—
Borah Ck	—	—	—	PTTEP			
Carbeab	—	—	—	• Montara, 1988	—	—	—
Cogoon River West, 1990	4,660	—	—	WORLDWIDE PRODUCTION			
Kanaloo	—	—	—	459,000			
Kincora	—	—	—	AUSTRIA			
Kungarri	—	—	—	OMV			
Newington	—	—	—	Altlichtenwarth, 1940	—	—	—
Newstead	—	—	—	Bernhardthal, 1950	—	—	—
Royston	—	—	—	Goesting, 1932	—	—	—
Waratah, 1982	5,350	34.0	—	Hochleiten, 1973	3,100-5,000	21.3	—
Washpool, 1985	5,250	35.0	—	Hohenruppersdorf, 1941	—	—	—
Yarrabend	—	—	—	Matzen, 1949	6,100	11,030	25.7
Yuranigh	—	—	—	Maustrenk, 1941	—	—	—
PTTEP				PTTEP			
• Montara, 1988	—	—	—	Muehlberg, 1942	3,900-5,500	35.0	—
WORLDWIDE PRODUCTION				WORLDWIDE PRODUCTION			
459,000				459,000			

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
St. Ulrich, 1938	1,600-4,300		31.1
Van Sickle, 1939	—		—
Windisch-Baumgarten, 1930	—		—
RAG			
Bad Hall	11,299	188	36.0
Bad Hall Nord	7,185	31	33.0
Eberstalzell Ost	7,316	13	36.6
Eberstalzell West	7,759	8	35.0
Engenfeld	3,930	31	32.5
Gaiselberg, 1938	8,337	223	25.0
Gaspoltshofen	6,591	8	36.3
Hiersdorf	8,858	173	32.1
Kematen	4,954	5	—
Kemating	7,497	105	34.1
Kohleck	10,188	26	33.6
Maria Schmolin	8,284	8	—
Mayersdorf	7,999	13	34.6
Oberaustall West	6,555	0	34.8
Perneck	9,249	15	—
Puchkirchen	9,310	162	—
Rag-Feld	9,678	84	26.5
Rappersdorf	5,692	3	38.0
Ried	5,338	36	34.6
Sattledt	6,677	72	36.8
Schwandenstadt Nord	9,449	28	30.5
Sierning	8,120	205	33.2
Steinhaus	5,892	2	36.8
Taxlberg	6,414	4	39.3
Trattnach	7,257	39	30.0
Voitsdorf, 1962	7,759	88	36.1
Total Austria		12,600	

AZERBAIJAN

BP			
• Azeri Central	—	—	—
• Azeri East	—	—	—
• Azeri West	—	—	—
• Chirag, 1985	10,000	535,000	34.8
• Chirag West	—	—	—
• Gunashli	—	—	—
• Shah Deniz (c), 1999	—	—	—
AZERBAIJAN INTERNATIONAL OIL CO.			
• All other fields	—	—	—
TOTAL/SOCAR		237,000	
• Absheron (c), 2011	—	—	—
Total Azerbaijan		772,000	

BAHRAIN

BAHRAIN PETROLEUM CO/OCCIDENTAL			
Bahrain/Awali, 1932	1,850-4,600	51,000	33.0
Total Bahrain		51,000	

BANGLADESH

BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD.			
Begumganj (c)	—	—	—
Fenchuganj (c), 1988	—	—	—
Rupganj (c)	—	—	—
Saldanodi (c)	—	—	—
Semutung (c)	—	—	—
Shahbazpur (c), 1995	10,929	—	—
Srikail (c)	—	—	—
Sundalpur (c)	—	—	—
BANGLADESH GAS FIELDS CO. LTD.			
Bakhrabad (c), 1969	9,309	—	40.2
Habiganj (c), 1963	11,506	—	29.2

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Meghna (c)	—	—	—
Narsingdi (c), 1990	11,319	—	43.7
Titas (c), 1962	12,326	11,000	39.1
CHEVRON			
Bibiyana (c), 1998	—	—	—
Jalalabad (c), 1989	9,600	—	48.2
Moulavi Bazar (c), 1999	9,700	—	—
SYLHET GAS FIELDS LTD.			
Beani Bazar (c)	—	—	—
Kailas Tila #1(c), 1962	13,576	—	50.0
Kailas Tila #2 (c)	—	—	—
Rashidpur (c), 1960	9,886	—	31.1
Sylhet (c), 1955	7,803	—	42.1
TULLOW			
Bangora (c)	—	—	—
Total Bangladesh		11,000	

BARBADOS

BARBADOS NATIONAL OIL CO LTD.			
Boarded Hall, 1990	2,922-6,380	—	23.1
Edgecumbe, 1984	2,044-3,734	—	23.1
Lower Greys, 1985	2,154-4,642	1,000	24.8
Woodbourne, 1966	1,665-6,563	—	25.0
Total Barbados		1,000	

BELARUS

All fields	—	34,000	—
Total Belarus		34,000	

BELIZE

PERENCO			
Never Delay	—	—	—
Spanish Lookout, 2005	3,600	2,000	40.8
Total Belize		2,000	

BENIN

PROJET PETROLIER DE SEME			
• Seme, 1968	6,500	—	23.0
Total Benin		—	

BOLIVIA

MATPETROL			
Tatarena	—	—	—
PETROBRAS ARGENTINA (PESA)			
Caranda, 1960	13,032	—	60.0
Colpa, 1962	9,184	—	65.0
PETROBRAS BOLIVIA			
Itau	—	—	—
San Alberto (c), 1967	18,040	—	—
Sabalo	—	—	—
PLUSPETROL			
Bermejo, 1925	2,085	—	42.0
BIO-X44	—	—	—
Curiche	—	—	—
Tacobo	—	—	—
Tajibo	—	—	—
Toro, 1954	2,982	—	27.0

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
OCCIDENTAL				DOMMO ENERGIA			
Chaco Sur, 1999	6,560		66.7	• Tubarao Azul	—	0	—
Naranjillos, 1964	4,806		65.3	• Tubarao Martelo	—	5,806	21.2
Nupucu	8,420		68.0				
Porvenir	—		—	ENAUTA ENERGIA SA			
REPSOL				• Atlanta			
Bloque Bajo	—		—	—	14,837		—
Cambeiti, 1976	5,787		47.9	ENEVA			
Magarita, 1997	18,040		55.8	Gaviao Azul	—	1	—
Monteagudo, 1967	4,592		45.9	Gaviao Branco	—	12	—
Paloma	17,384		—	Gaviao Caboclo	—	27	—
Surubi Noroeste	—		—	Gabiao Preto	—	0	—
Surubi, 1992	14,078		44.0	Gaviao Real	—	8	—
SHELL BOLIVIA				Gaviao Vermelho	—	4	—
All fields	—		—	PA-1PGN1MA PN-T-48 BT PN-4	—	1	—
TOTAL E&P BOLIVIA				EPG			
Incahuasi (c)	18,021		—	Carapitanga	—	8	—
				Cidade de Aracaju	—	5	—
YPFB ANDINA				EQUINOR BRASIL			
Arroyo Negro, 1999	6,921	74,000	33.4	• Peregrino	—	61,116	13.7
Boqueron (c)	—		—	GEO PARK BRASIL			
Camiri, 1927	3,936		50.1	PA-1 GPK4DBA	—	45	
Cobra (c)	—		—	GREAT OIL			
Guayruy, 1950	3,300		49.4	PA-1 GOP-1A-BA	—	3	—
La Pena, 1965	8,856		45.8	GUTO & CACAL			
Los Penocos, 1999	5,740		34.4	Fox do Vaza-Barris	—	11	—
Patuju	7,216		—	IMETAME			
Rio Grande, 1962	8,220		73.7	Arribaca	—	2	—
Sirari, 1985	13,999		71.7	Cardeal do Nordeste	—	8	—
Vibora, 1988	12,949		71.0	Galo de Campina	—	152	—
Yapacani, 1968	8,400		62.5	Irauna	—	11	—
				Joao de Barro	—	14	—
				Rio Ipiranga	—	2	—
				Rolinha	—	2	—
YPFB CHACO				LEROS			
Buio Buio, 1993	15,332		57.3	Riacho Velho	—	1	—
Caigua	—		—	MAHA ENERGY			
Carrasci FW	—		—	Tie	—	2,518	37.6
Carrasco, 1991	15,650		56.1	• Tartaruga	—	248	40.9
Carrasci Este	—		—	NEWO			
Dorado Oeste	—		—	Itaparica	—	17	—
DRO-X1001	—		—	NORD			
El Dorado	—		—	Harpia	—	1	31.3
El Dorado Sur	—		—	NOVA PETROLEO REC			
H. Suarez, 1982	7,820		35.0	Fazenda Rio Branco	—	40	—
Junin	—		—	Fazenda Santo Estevao	—	194	—
Junin Este	—		—	Sauipe	—	0	—
Kanta Norte, 2003	12,468		61.5	Tico-Tico	—	0	—
Kanta, 2002	13,124		63.3	PARTEX			
Los Cusis, 1994	8,100		33.6	Cardeal	—	234	27.4
Montecristo, 1976	11,349		49.5	Colibri	—	7	33.8
Palometa NW	—		—	PERICIA			
Patujueal Oeste, 2001	7,002		34.6	Andorinha	—	17	—
Patujusal, 1993	7,200		66.0	PERENCO BRASIL			
San Roque, 1981	7,170		71.0	• Pargo	—	381	—
Santa Rosa	—		—	• Vermelho	—	158	—
Santa Rosa Oeste	—		—	PETRO RIO JAGUAR			
Vuelta Grande, 1978	8,220		57.0	• Frade	—	15,775	—
Total Bolivia		74,000					
BRAZIL							
ALVOPETRO							
Bom Lugar	—	0	—				
Jiribatuba	—	1	—				
Mae-da-lua	—	8	—				
CENTRAL RESOURCES							
Carcara	—	1	—				
Creja	—	2	—				
CHEVRON							
• Frade	—	3,194	19.6				

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
PETROBRAS			
Acaua	—	13	—
Agua Grande, 1951	752 - 5,796	959	40.0
Aguilhadas, 1966	3,044 - 4,654	11	31.0
• Aguilha, 1975	649 - 8,987	207	32.0
• Albacora Leste, 1986	8,202	19,177	19.0
• Albacora, 1984	11,913	23,179	26.2
Alto Do Rodrigues, 1981	3,018	2,143	18.0
Anambe	—	775	—
• AnC Brava	—	3	—
• AnC Lula	—	3,170	—
• Anequim, 1981	9,348 - 10,936	0	27.0
Angelim, 1968	3,788 - 3,962	20	22.0
Angico	—	2	—
Apraius, 1973	6,347 - 6,560	67	39.0
• Arabaiana	—	89	—
Aracas, 1960	2,758 - 11,513	3,572	46.0
Arara Azul	—	1,551	—
Araracanga	—	606	—
Aratu, 1942	1,715	0	37.1
• Aratum, 1982	4,841	578	32.0
Aruarl, 1986	3,126	35	24.8
Asa Branca	—	4	—
Atalaia Sul, 1976	7,255	5	36.0
• Atum, 1979	462 - 11,595	723	32.0
• Bagre, 1975	13,819	76	27.0
Baixa Do Algodao, 1986	1,345 - 2,614	81	37.0
Baixa do Juazeiro	—	0	—
• Baleia Ana	—	3,287	—
• Baleia Azul	—	8,013	29.3
• Baleia Franca	—	10,810	—
Barra Do Ipiranga, 1986	—	0	23.0
• Barracuda, 1989	9,186	42,635	24.8
Barrinha Leste	—	2	—
Barrinha Sudoeste	—	0	—
Barrinha, 1990	5,350	0	31.0
• Bauna	—	18,967	33.3
Benfica, 1997	2,624-5,248	168	48.0
• Berbiago	—	4,683	—
• Bicudo, 1976	9,761	0	23.0
Bigua	—	17	—
Biriba	—	5	—
Boa Esperanca, 1997	2,788-3,280	144	36.0
Boa Vista, 1994	2,624-4,264	213	35.0
• Bonito, 1977	8,036 - 10,824	3,533	27.0
Bonsucesso, 1992	6,265 - 6,724	137	33.0
Brejinho, 1961	4,854 - 6,314	348	31.0
Brejo Grande, 1969	4,264 - 5,678	86	32.0
Buracica, 1959	3,618	2,689	35.0
• Buzios	—	250,890	28
• Cachalote	—	4,974	24.5
Cachoeirinha, 1986	7,246	128	37.0
Cacimbas, 1988	8,731 - 9,499	0	31.0
• Caioba, 1971	7,101 - 9,322	20	39.0
• Camarupim Norte	—	0	—
• Camarupim, 2003	—	0	—
Cambacica	—	13	—
• Camorim, 1971	1,856 - 10,102	341	40.0
Campo Grande, 1975	7,856 - 7,888	14	31.0
Canabrava, 1961	4,772 - 5,025	7	31.0
• Canapu, 2004	—	0	—
Canario da terra	—	67	—
Canca	—	1,785	—
• Candeias, 1941	2,615-7,710	21	31.0
• Cangoa, 1988	—	45	—
Cantagalo	—	47	—
Canto Do Amaro, 1983	5,100	8,598	44.0
Carapanauba	—	15	—
• Carapeba, 1982	12,776	461	27.0
• Caratinga, 1994	9,022	9,903	25.0
Carmopolis, 1963	5,924	6,719	30.0
Cassarongongo, 1959	1,774 - 7,669	1,759	39.5
Castanhal, 1967	1,312 - 1,612	258	15.5
Cexis, 1960	13,048	324	42.4
• Cherne, 1976	14,235	5,433	27.0
Cidade de Entre Rios, 1981	4,625	373	33.8
Cidade Sao Miguel dos Campos, 1969	8,741 - 9,217	68	43.0

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
• Cioba	—	153	—
Conceicao	—	1	—
• Congro, 1980	11,086 - 15,623	1	27.0
Corrego Cedro Norte Sul	—	1	—
Corrego Cedro Norte, 1982	5,117-6,563	44	20.0
Corrego Das Pedras, 1985	2,371	27	16.0
Corrego Dourado, 1995	2,625	55	16.0
• Corvina, 1978	11,467	0	28.0
Cupiuba	—	46	—
• Curima, 1978	7,314 - 8,794	1,046	33.0
• Dom Joao	—	652	—
• Dom Joao Mar	—	95	—
• Dourado, 1970	5,284	0	43.0
• Enchova Oeste, 1983	8,410	1,954	25.0
• Enchova, 1976	10,319	2,462	26.0
• Espada, 1978	11,788	1,190	31.0
• Espadarte, 1998	10,335	0	21.0
Estreito, 1981	1,814	8,382	16.0
Fazenda Alegre, 1996	2,625	3,854	13.3
Fazenda Alto Das Pedras, 1997	8,300	0	—
Fazenda Alvorada, 1983	1,164 - 3,536	606	33.3
Fazenda Azevedo, 1962	7,544 - 8,364	34	42.0
Fazenda Balsamo, 1983	3,939 - 5,592	1,675	32.0
Fazenda Belem	—	1,231	13.2
Fazenda Boa Esperanca/Salgado, 1966	7,970 - 9,564	637	20.0
Fazenda Canaan, 1990	5,100 - 5,353	18	37.0
Fazenda Cedro Norte, 1976	5,117 - 6,563	13	29.0
Fazenda Cedro, 1972	5,671 - 6,806	10	30.0
Fazenda Curral, 1988	3,280 - 4,169	59	25.5
Fazenda Imbe, 1964	8,164	313	42.0
Fazenda Junco	—	0	—
Fazenda Malaquias, 1989	3,739	234	36.0
Fazenda Matinha	—	0	—
Fazenda Onca, 1966	8,266	24	33.0
Fazenda Panelas, 1962	4,667 - 5,809	409	36.3
Fazenda Pocinho, 1981	3,510	1,882	25.0
Fazenda Queimadas, 1981	6,511	88	29.0
Fazenda Santa Luzia, 1992	6,234	579	27.5
Fazenda Santa Rosa	—	0	—
Fazenda Sao Jorge, 1983	3,241 - 4,034	352	14.0
Fazenda Sao Rafael, 1996	7,546	806	27.0
Furado, 1968	8,072	800	43.0
• Garoupa, 1974	10,972 - 13,612	3,066	30.0
• Garoupinha, 1975	9,194 - 11,480	0	29.0
• Golphino, 2003	—	9,555	31.2
Gomo, 1961	2,827 - 3,477	258	39.0
Guamare Sudeste	—	66	—
Guamare, 1980	2,152 - 3,228	1,087	22.0
Guanambi	—	42	—
• Guaricema, 1968	6,153	371	43.0
Guriata	—	137	—
Guriri	—	4	—
Icapui, 1996	2,253-2,362	4	21.6
Ilha de Bimbarra	—	0	—
Ilha Pequena, 1983	3,608 - 10,056	22	41.0
Inhambo	—	949	—
Jacana	—	24	—
Jacuipe	—	1	—
Jacutinga	—	36	—
Jandaia	—	227	—
Jandaia Sul	—	130	—
Jandui, 1984	5,829 - 6,117	0	31.0
Juazeiro, 1990	6,445	1	39.0
• Jubarte	—	204,788	24.6
Lagoa Aroeira, 1982	2,624	84	17.9
Lagoa Bonita	—	0	—
Lagoa Parda Norte, 1982	4,435 - 7,380	0	18.0
Lagoa Parda, 1978	5,248 - 7,675	138	30.0
Lagoa Piabanha, 1984	4,631 - 5,583	33	11.0
Lagoa Suruaca, 1981	7,865 - 9,840	116	56.0
• Lagosta	—	453	—
Lamarao, 1966	10,070 - 10,440	18	40.0
Leodorio	—	8	—
Leste do Urucu, 1988	10,224	8,775	41.5
Leste Poco Xavier, 1991	3,608-4,756	186	39.0
• Linguado, 1978	11,182	10	31.0
Livramento, 1983	3,136 - 7,879	269	38.0

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Lorena, 1984	5,724	430	42.0	Rio Preto, 1976	4,959	59	24.4
• Lula	—	945,079	31.0	Rio Sao Mateus Oeste	—	0	—
• Macarico	—	6	—	Rio Sao Mateus, 1979	4,057	5	25.0
• Macau, 1981	3,332 - 4,300	209	38.8	Rio Sauipe	—	8	—
• Malhado, 1986	10,673	0	29.0	Rio Subauma, 1993	5,576 - 5,586	51	34.4
• Malombe, 1966	3,608 - 4,108	412	34.7	Rio Urucu, 1983	9,722	7,335	42.0
• Manati	—	300	—	• Roncador, 1996	10,499	161,179	22.8
• Mandacaru, 1979	8,200-10,168	14	45.0	• Sabia	—	42	—
• Mapele	—	0	—	• Salina Cristal, 1982	4,412	1,357	20.0
• Marimba, 1984	11,710	9,254	29.0	• Sanhacu	—	148	—
• Mariricu Norte, 1981	5,461	5	20.0	• Sao Domingos, 1983	4,130 - 4,615	1	35.2
• Mariricu Oeste, 1981	4,920	0	18.0	• Sao Mateus Leste	—	5	—
• Mariricu, 1981	4,986 - 5,117	5	24.0	• Sao Mateus, 1969	5,510	160	22.0
• Marlim Leste, 1987	9,022	54,938	24.7	• Sao Miguel dos Campos, 1973	5,369 - 8,931	28	39.0
• Marlim Sul, 1988	9,186	134,876	20.2	• Sao Pedro, 1962	4,792 - 5,983	30	42.0
• Marlim, 1985	11,152	74,878	20.0	• Sapinhua	—	235,832	30.1
• Massape, 1960	8,174 - 12,825	419	39.9	• Sepia	—	0	—
• Massui, 1964	8,725	0	39.5	• Seriema	—	24	—
• Mata de Sao Joao, 1951	3,769 - 5,294	634	37.4	• Serra do Mel, 1997	5,904-6,232	8	45.0
• Mato Grosso do Norte	—	609	—	• Serra Vermelha, 1986	3,319 - 3,346	2	39.0
• Mato Grosso, 1969	2,034 - 2,444	609	28.0	• Serra, 1996	2,788-3,018	1,589	—
• Mero	—	35,963	—	• Serraria, 1982	4,520 - 5,825	193	36.4
• Merulza	—	134	—	• Sesmaria, 1966	6,694 - 8,630	136	38.0
• Mexilhao	—	4,648	—	• Sibite	—	26	—
• Miranga, 1965	1,886 - 11,644	1,000	41.1	• Siririzinho, 1967	328 - 2,447	1,995	25.0
• Monte Alegre, 1981	1,706	483	22.0	• Socoro Extensao	—	45	—
• Morrinho, 1994	2,624-5,248	51	35.0	• Socoro, 1958	4,067 - 4,459	438	37.0
• Mossoro, 1979	3,116	247	35.0	• Sudoeste de Sapinhua	—	5,322	—
• Namorado, 1975	13,304	4,623	28.0	• Sudoeste Urucu	—	344	—
• Nativo Oeste, 1994	3,117	0	13.0	• Sul de Lula	—	46,071	—
• Nordeste de Sapinhua	—	3,740	—	• Sussuarana	—	0	—
• Norte Fazenda Caruacu/FC/SSB, 1949	3,926 - 9,591	248	39.0	• Tabuiaia	—	11	—
• Oeste de Ubarana	—	197	—	• Tambau	—	40	32.6
• PA-1BRSA1300DBA RECT-T-70	—	2	—	• Tambuata	—	648	—
• Pajeu, 1995	1,476-1,804	150	32.0	• Tangara	—	304	—
• Pampo, 1977	11,513	6,223	31.0	• Tapiranga	—	0	—
• Papa-Terra	—	16,619	15.2	• Taquipe, 1958	3,122 - 7,939	1,962	39.0
• Parati, 1980	8,728	12	27.0	• Tartaruga Verde	—	94,449	27
• Pardal	—	7	—	• Tartaruga Verde Sudoeste	—	13,129	—
• Pargo, 1985	10,512 - 12,549	630	23.0	• Tatui	—	0	—
• Pariri	—	5	—	• Tres Marias, 1981	3,493 - 5,136	43	39.0
• Paru	—	23	—	• Trinca Ferro	—	15	—
• Patativa	—	65	—	• Ubarana, 1973	1,174 - 12,287	1,657	36.0
• Paturi	—	129	—	• Upanema, 1984	10,794	48	36.6
• Pedra Sentada	—	5	—	• Urugua	—	6,214	33.0
• Pedrinhas	—	17	—	• Varginha, 1997	4,756-6,068	37	39.0
• Peroa, 1996	—	154	53.1	• Vermelho, 1985	11,283	805	24.0
• Pescada, 1980	10,450-11,710	231	52.0	• Viola, 1979	10,250 - 12,205	0	25.0
• Pilar, 1981	13,199	654	39.0	• Voador, 1987	10,211 - 12,300	1,362	—
• Pintassilgo	—	92	—	• Xareu, 1977	5,838 - 7,308	1,255	41.0
• Pirambu	—	112	—				
• Piranema	—	2,489	45.4	PETROGAL			
• Poco Verde, 1990	5,630	19	30.0	• Rabo Branco	—	158	33
• Poco Xavier, 1987	12,054	16	42.0	PETROIL			
• Pojuca, 1953	4,430	19	39.0	• Tigre	—	0	—
• Ponta Do Mel, 1986	2,952 - 6,807	272	40.0				
• Porto Carao, 1992	2,736	110	16.7	PETRO RIO			
• Querera	—	0	—	• Polvo	—	8,409	20.6
• Redonda Profundo, 1990	4,828	274	42.0				
• Redonda, 1984	2,575 - 2,795	262	18.0	PETROSYNERGY			
• Remanso, 1959	2,908 - 4,592	752	40.0	• Aracari	—	17	34.3
• Riacho Da Barra, 1982	5,871 - 7,167	613	39.0	• Canario	—	61	28.4
• Riacho Da Forquilha, 1988	13,366	894	44.0	• Cidade de Sabastiao Ferreira	—	0	—
• Riacho Ouricuri, 1981	4,605 - 4,953	90	36.1	• Coqueiro Seco	—	2	—
• Riacho Sao Pedro	—	0	—	• Fazenda Pau Brazil, 1979	12,241	20	38.0
• Riachuelo, 1961	1,220 - 3,291	1,257	28.4	• Irere	—	9	27
• Rio Barra Seca, 1990	8,006	0	21.0	• Jequia, 1957	11,006	7	34.0
• Rio da Serra	—	28	—	• Pitiguari	—	0	—
• Rio Do Bu, 1972	3,411 - 6,435	625	33.0	• Sul de Coruripe, 1986	7,400	39	31.0
• Rio Dos Ovos, 1974	4,940 - 5,773	100	35.0	• Tabuleiro do Martins, 1957	3,710 - 7,341	255	26.2
• Rio Itariri, 1985	4,664 - 6,022	270	32.0	• Trovoada	—	16	33.2
• Rio Itaunas Leste, 1994	4,429	0	25.0	• Uirapuru	—	12	37.4
• Rio Itaunas, 1977	3,660 - 4,582	5	18.0				
• Rio Mossoro, 1984	5,943 - 6,462	42	34.0	PHOENIX			
• Rio Pipiri	—	0	—	• Concriz	—	39	—
• Rio Pojuca, 1982	6,143 - 6,547	59	37.2	• Periquito	—	9	—
• Rio Preto Oeste, 1979	4,103 - 4,379	200	17.0	• Periquito Nordeste	—	7	—
• Rio Preto Sul	—	75	—				

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
POTIGUAR			
Acaua	—	3	—
Asa Branca	—	1	—
Baixa do Algodao	—	14	—
Baixa do Juazeiro	—	0	—
Boa Esperanca	—	28	—
Brejinho	—	57	—
Cachoeirinha	—	20	—
Fazenda Curral	—	8	—
Fazenda Malaquias	—	41	—
Jacana	—	7	—
Leste de Poco Xavier	—	36	—
Livramento	—	49	—
Lorena	—	73	—
Macarico	—	0	—
Pajeu	—	30	—
Pardal	—	1	—
Paturi	—	26	—
Patativa	—	11	—
Pintassilgo	—	13	—
Poco Xavier	—	4	—
Riacho da Forquilha	—	170	—
Rio Mossoro	—	8	—
Sabia	—	7	—
Sibite	—	4	—
Tres Marias	—	9	—
Trinca Ferro	—	2	—
Upanema	—	6	—
Varginha	—	11	—
QUEIROZ GALVAO			
• Atlanta	—	4,080	—
RECONCAVO E & P			
Acaja-Burizinho	—	4	—
Juriti	—	0	—
Lagoa do Paulo	—	35	—
Lagoa do Paulo Norte	—	44	34.6
Lagoa do Paulo Sul	—	1	—
SANTANA			
Santana, 1960	6,071	51	37.6
SHELL			
• Abalone	4,921-6,562	25	—
• Argonauta	4,921-6,562	27,234	—
• Bijupira	—	4,774	28.3
• Ostra	4,921-6,562	8,883	18.1
• Salema, 1990	1,476-2,624	1,979	28.5
SHB			
Angico	—	201	—
Jandui	—	217	—
Sabia	—	212	—
Sabia Bico-de-Osso	—	1,219	—
Sabia da Mata	—	629	—
TOTAL			
• Lapa	—	25,314	—
UBUNTU ENGENHARIA			
Urutau	—	4	—
UP PETROLEO BRASIL			
• Tartaruga	—	59	—
VIPETROL			
Gaivota	—	16	—
Tucano	—	0	—
Total Brazil		2,787,217	

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
BRUNEI			
SHELL			
• Ampa Southwest, 1963	7,068-8,155	121,000	41.0
Asam Paya, 1989	—		—
• Champion, 1970	4,300		23.0
• Champion West, 1975	—		—
• Enggang, 1992	—		—
• Fairley, 1969	10,740		40.0
• Fairley-Baram, 1973	9,500		40.0
• Gannet, 1,977	—		40.0
• Iron Duke, 1973	—		—
• Magpie, 1975	—		31.0
• Peragam, 1990	—		—
Rasau, 1929	—		30.0
Seria-Tali, 1929	—	34.0	
TOTAL SA			
• Maharaja Lela, 1989	12,205	—	—
Total Brunei		121,000	

BULGARIA

OIL AND GAS EXPLORATION AND PRODUCTION PLC

Bardarski Geran	—	—	—
Bazoveta (c), 1985	—	—	—
Bohot	—	—	42.3
Budarski Geran, 1976	—	—	38.0
Bulgarevo (c)	—	—	—
Butan (c), 1989	—	—	49.9
Dolni Dubnik, 1962	10,827-11,423	—	42.3
Dolni Lucovit, 1975	10,170-10,827	—	39.0
Dolni Lucovit West	—	—	—
Durankulak (c)	—	—	—
Gigen	312-3,201	—	—
Gorni Dubnik, 1965	10,827-11,423	—	40.0
Kriva Bara	—	—	54.4
Marinov Geran (c)	—	—	—
Selanovtzi	—	—	—
Starosaltsi	—	—	39.0
Tjulenovo, 1955	1,148-1,312	—	19.4
Uglen (c), 1987	16,732-17,388	—	49.9
Total Bulgaria		1,000	

CAMEROON

ADDAX

• Iroko	—	8,682	—
• Lokele	—	15,403	—
• Makoko Northeast plus Abana, 1977	4,600	—	29.0
• Makoko South Marine, 1977	3,300	—	17.0
• Padouk	—	—	—

PERENCO

• RDR	—	35,258	—
• Dissoni North	—	3,559	—
Bolongo	—	2,000	—
• Moudi D., 1980	3,300	1,162	21.3
• Ebome (KF, KB, BaF), 1996	—	1,564	—
• Moabi	—	605	—
• Sanaga Sud	—	2,926	—
• Asoma Centre, 1977	4,000	—	26.1
• Asoma Marine, 1973	3,600	—	19.0
• Bakassi Marine, 1976	6,500	—	37.1
• Bakingili, 2004	—	—	—
• Barombi Marine, 1975	7,400	—	34.1
• Bavo, 1976	5,600	—	29.3
• Betika Centre, 1996	5,530	—	36.2
• Betika Sud Marine, 1979	6,300	—	30.0
• Betika, 1972	5,300	—	42.5
• Biboundi, 1974	6,400	—	34.6
• Boa, 1976	5,900	—	35.0
• Ekoundou Horst plus Center, 1972	7,200	—	29.0
• Ekoundou Nord Marine, 1977	5,250	—	36.0

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	
• Ekoundou Sud, 1975	6,200	NA	24.0	
• Erong North	—		—	
• Inoua Marine, 1976	6,200		32.8	
• Itindi, 1977	5,600		26.1	
• Kita East Marine, 1978	6,900		40.8	
• Kole Supérieur, 1978	4,100		23.0	
• Kole, 1974	5,500		31.0	
• Kombo Center, 1976	5,900		37.0	
• Kombo Nord, 1978	5,700		36.0	
• Kombo Sud, 1979	5,700		42.1	
• Lipenja	—		—	
• Nyangassa, 1977	5,100		29.8	
• Victoria (Moudi), 1979	5,250-5,900		40.0	
GAZ DU CAMEROUN				
Logbaba	—		60	—
SNH				
Mvia	—	0	—	
Total Cameroon		71,219		

CANADA

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
ALBERTA			
Acheson, 1950	3,390	329	38.0
Bonnie Glen, 1952	3,959-6,779	52	34.0-44.0
Carson Creek North, 1958	8,787-8,935	836	44.0
Countess, 1951	2,858-4,272	5,436	—
Fenn Big Valley, 1950	3,900-5,400	3,474	32.0
Golden Spike, 1949	—	222	—
Grand Forks	6,358-8,766	2,093	—
Judy Creek, 1951	4,870-9,577	6,015	—
Kaybob, 1957	5,600-10,042	9,417	—
Leduc-Woodbend, 1947	1,690-1,945	10,075	—
Lloydminster, 1933	5,435-7,600	4,010	—
Mitsue, 1964	5,648-5,726	2,286	41.0
Nipisi, 1965	3,000-6,133	3,946	32.0-37.0
Pembina, 1953	2,760-2,898	51,576	—
Provost, 1946	4,994-6,160	41,216	38.0-42.0
Rainbow, 1965	6,102-6,400	3,836	—
Redwater, 1948	10,500	6,676	—
Sturgeon Lake South, 1953	—	1,172	—
Suffield	8,100	7,920	40.0
Swan Hills, 1957	8,400	11,605	—
Turner Valley, 1913	5,624	1,860	—
Valhalla, 1973	—	17,665	—
Virginia Hills, 1957	1,903-2,200	1,781	—
Westerose, 1952	5,157	500	—
Willisden Green, 1956	4,044-5,973	13,451	—
Wizard Lake, 1951	3,702	95	33.0-37.0
Bantry, 1940	2,574-3,300	—	—
Bellshill Lake, 1955	2,950	—	—
Bigoray	—	—	—
Caroline	—	—	—
Chauvin South	—	—	—
Evi	—	—	—
Ferrier	4,201-7,000	—	—
Gilby, 1962	3,570-5,961	—	36.0
Harmattan East, 1954	8,796-10,757	—	—
Harmatton Elkton, 1955	2,030-2,815	—	—
Hayter, 1968	6,730-8,440	—	—
Innisfail, 1956	3,179	279,794	—
Joarcam, 1949	4,983-6,779	—	—
Joffre, 1953	8,307-8,701	—	43.0
Kaybob South, 1958	3,062-5,380	—	—
Medicine River, 1954	5,908	—	—
Rainbow South, 1965	4,184-4,878	—	—
Red Earth, 1956	2,012-3,200	—	35.0
Simonette, 1958	4,912-8,471	—	37.0
Swan Hills South, 1959	3,100-9,150	—	39.0
Utikum Lake, 1963	1,815-7,060	—	—
Viking-Kinsella	9,210	—	34.0
Wainwright, 1925	6,818	—	—
Wildmere	—	—	—
Zama, 1966	—	—	—
Other fields	—	—	—

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Condensate (c)	—	88,219	—
Natural gas liquids	—	691,265	—
BRITISH COLUMBIA			
Boundary Lake, 1957	3,418-4,575	4,381	40.0
Eagle West	—	223	—
Hay River	—	2,706	—
Inga	—	2	—
Milligan Creek	—	51	—
Peejay	—	449	—
Rigel	—	111	—
Weasel	—	161	—
Other fields	—	8,038	—
Condensate (c)	—	47,687	—
Natural gas liquids	—	30,331	—
EAST COAST			
• Hebron	—	111,629	—
• Hibernia, 1979	12,500	102,013	35.0
• Terra Nova, 1984	11,000	30,863	32.0
• White Rose/North Amethyst, 1984	9,900	17,295	30.7
Natural gas liquids	—	41,603	—
MANITOBA			
Daly Sinclair	—	26,354	—
Pierson	—	4,882	—
Virden	—	3,061	—
Waskada	—	5,067	—
Other fields	—	4,779	—
Natural gas liquids	—	7,015	—
NORTHWEST TERRITORIES			
Norman Wells, 1920	1,960	7,505	39.0
Natural gas liquids	—	1,193	—
ONTARIO			
Total for all fields	—	514	—
Natural gas liquids	—	82	—
SASKATCHEWAN			
Batrum	—	5,535	—
Celtic	—	9,082	—
Doddsland	—	23,931	—
Dollard	—	997	—
Midale	—	9,409	—
Steelman, 1950	—	9,344	—
Viewfield North	—	34,022	—
Weyburn, 1955	4,600	25,200	—
Other fields	—	369,080	—
Natural gas liquids	—	80,209	—
NEW BRUNSWICK			
All fields	—	18	—
Natural gas liquids	—	3	—
OTHER			
Bitumen	—	1,838,282	—
Synthetic	—	1,111,337	—
Total Canada*		5,241,266	
* Includes NGL			

CHAD

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	
ESSO CHAD				
Bolobo, 1989	5,200	128,000	25.0	
Kome', 1977	5,200		25.0	
Maikeri	5,200		25.0	
Miandoum, 1975	—		—	
Moundoulo	—		—	
Nya	—		—	
Timbre	—		—	
Total Chad			128,000	

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	
CHILE				
EMPRESA NACIONAL DEL PETROLEO (ENAP)-CONTINENTE				
Canadon, 1962	6,090	3,000	38.4	
Daniel, 1960	5,806		25.4	
Daniel Este, 1961	5,523		25.0	
Delgada Este, 1958	7,694		35.0	
Dungeness, 1962	5,251		28.6	
Faro Este, 1959	7,381		35.0	
Posesion, 1960	5,622		63.6	
ENAP-COSTA AFUERA				
Anguila AN-1, 1989	5,758		32.0	
Atun AT-1, 1992	5,722		33.0	
Catalina Norte, 1989	5,807	38.0		
Daniel, 1990	5,840	35.0		
Daniel Este-Dungeness, 1984	6,126	35.9		
Ostion, 1979	7,156	33.0		
Pejerrey, 1984	7,229	39.0		
Posesion, 1980	6,727	34.5		
Skua, 1988	5,932	32.0		
Spiteful, 1979	6,288	34.5		
Spiteful Norte, 1980	7,150	39.0		
Terramar, 1991	6,211	33.0		
ENAP-ISLA				
Calafate, 1956	6,045	49.3		
Catalina, 1956	5,756	38.7		
Catalina Sur, 1962	5,779	44.0		
Cullen, 1954	5,730	41.8		
Cullen Este, 1988	5,479	40.0		
Flamenco, 1954	6,545	40.2		
Gaviota Norte, 1990	7,000	38.0		
Golondrina, 1978	5,906	37.0		
Gorrion, 1986	6,025	39.0		
Lago Mercedes, 1992	12,468	—		
Punta Baja, 1954	7,545	39.0		
Sombrero Este, 1992	6,506	36.0		
Tres Lagos, 1957	5,724	40.1		
GEO-PARK				
Fell Block	8,200-11,500	—	32.0	
Total Chile		3,000		

CHINA

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
CHINA NATIONAL PETROLEUM CO.			
NORTHEAST:			
Daqing	—	603,449	—
Jilin	—	79,557	—
Liaohe	—	202,152	—
NORTH:			
Dagang	—	83,628	—
Huabei	—	82,826	—
Jidong	—	27,475	—
NORTHWEST:			
Changqing	—	484,524	—
Qinghai	—	45,725	—
Tarim	—	115,516	—
Xinjiang	—	250,083	—
Yumen	—	9,065	—
SOUTHWEST:			
Nanfang (Fushan)	—	6,117	—
Sichuan	—	1,143	—
Tuha	—	33,090	—
Zhejiang	—	421	—
Other	—	16,184	—
SINOPEC			
EAST:			
Jiangsu/Anhui	—	21,278	—
Shengli	—	469,382	—
Zhongyuan	—	26,071	—
CENTRAL & SOUTH:			
Henan	—	24,868	—
Jiangnan	—	13,657	—
NORTHWEST:			

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
SOUTHWEST:			
—	—	541	—
EAST:			
—	—	9,085	—
NORTH:			
—	—	3,269	—
NORTHEAST:			
—	—	1,023	—
HUABEI BUREAU:			
—	—	0	—
CHINA NATIONAL OFFSHORE OIL CO.			
BOHAI BAY:			
• Bozhong 34-2, 34-4, 28-1, 26-2, 34-5, 25-1, 25-18	—	862,637	—
• Caofeidian 11/1-3, 11-5	—		—
• Caofeidian 11-6, 12-18	—		—
• Chengbei	—		—
• Jinzhou 20-2, 9-3	—		—
• Luda 4-2, 5-2, 10-1	—		—
• Kenli 10-1	—		—
• Nanbao 35-2	—		—
• Pengtai 19-3	—		—
• Qikou 18/1-2, 17/2-3	—		—
• Qinghuangdao 32-6	—		—
• Suizhong 36-1, 1986	—		—
EASTERN SOUTH CHINA SEA:			
• Huizhou	—	—	
• Huizhou 19-3, 19-2, 19-1	—	—	
• Liuhua 11-1, 1987	—	—	
• Lufeng 13/1-2	—	—	
• Lufeng 22-1	—	—	
• Panyu 4-2, Panyu 5-1	—	—	
• Xijiang 24-3	—	—	
• Xijiang 30-2	—	—	
WESTERN SOUTH CHINA SEA:			
• Dongfung 1-1	—	—	
• Weizhou, 2006	—	—	
• Wenchang 13/1-2	—	—	
• Yacheng 13-1, 1983	—	—	
EAST CHINA SEA:			
• Pinghu, 1992	—	—	
YANCHANG PETROLEUM			
All fields	—	224,634	—
Total China		3,830,165	

CHINA, TAIWAN

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
CHINESE PETROLEUM			
Chingtsouh, 1967	5,346-12,000	200	60.0
Chinshui & Yunghoshan, 1971	5,248-12,000		45.0
Chuhuangkeng, 1904	6,560-15,600		35.0
Tiechengshan, 1962	9,840		51.0
Other	6,560-8,800		30.0
Total China, Taiwan			200

COLOMBIA

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
AMERISUR			
Platanillo	—	3,804	—
CANACOL ENERGY			
Rancho Hermoso, 1984	11,825	927	36.3
Rancho Hermoso 4	—	266	—
CEPCOLSA			
Caracara Sur A	—	2,556	—
Caracara Sur B & C	—	1,887	—
Elisita	—	978	—
Jiguero Sur	—	260	—
Jiguero	—	278	—
Manatus	—	44	—
Melero	—	87	—
Onca	—	94	—
Peguita	—	1,910	—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Peguita II	—	600	—	Hormiga, 1969	11,154	27	—
Peguita III	—	1,198	—	Infantas, 1921	2,308	12,277	27.5
Peguita SW	—	1,058	—	La Cira, 1923	3,128	30,062	23.6
Ramiriqui	—	1,649	—	La Jagua, 1986	6,033	53	—
Rancho Quemado	—	108	—	Libertad Norte, 1986	11,263	178	32.0
Tamariniza	—	27	—	Lisama, 1968	8,291	913	32.4
Toro Sentado	—	181	—	Llanito, 1958	7,623	3,726	20.7
Toro Sentado Norte	—	310	—	Lomalarga	—	296	—
Toro Sentado West	—	114	—	Loro, 1968	10,632	590	25.6
Unuma	—	139	—	Mansoya, 1989	9,595	259	32.8
CARRAO ENERGY SA SUCURSAL COLOMBIA				Nutria, 1969	8,506	1,066	29.0
Danes	—	405	—	Orito, 1963	4,653	1,964	26.3
Labrador	—	553	—	Palagua, 1954	4,753	6,687	14.6
Leono	—	117	—	Palermo, 1988	3,428	113	—
Mono Arana	—	416	—	Palogrande Honda	—	447	—
Oso Pardo	—	159	—	Palogrande, 1971	6,735	1,023	20.1
Pantro	—	6	—	Pauto Sur Recetor	—	605	—
Tigro	—	1	—	Pavas Cachira	—	43	—
COLOMBIA ENERGY DEV. CO.				Penas Blancas, 1968	8,069	1,061	24.0
Boral	—	142	—	Pijao Potrerillo, 1981	7,732	119	20.3
Canacabare	—	1,276	—	Pompeya, 1988	10,668	10	32.5
Estero (PE)	—	75	—	Provincia	—	2,276	—
Los Hatos	—	42	—	Quriyana	—	61	—
Marsupial	—	15	—	Rio Ceibas, 1988	5,383	963	—
Tilodiran	—	1,644	—	Rubiales, 1989	2,600	119,326	—
COPP				San Antonio, 1969	9,601	124	22.0
Angie	—	29	—	San Francisco, 1985	3,213	4,235	—
Lilia	—	6	—	San Luis, 1968	3,580	32	36.0
Opon	—	28	—	San Roque, 1965	8,895	1,536	26.6
ECOPETROL				Santa Clara, 1987	3,078	461	18.6
Acae, 1965	10,752	1,366	29.8	Sardinata, 1950	7,178	123	40.6
Aguas Blancas, 1963	8,109	184	31.9	Saurio	—	124	—
Akacias	—	19,736	—	Sucio, 1970	7,962	75	28.0
Apiay Este, 1987	11,747	249	15.0	Sucombios, 1959	9,135	234	32.6
Apiay, 1981	11,074	3,695	20.9	Suria Sur, 1986	10,703	1,442	33.0
Area Teca-Cocorna	—	1,477	—	Suria, 1984	10,931	2,765	32.0
Arrayan	—	1,237	—	Tanane	—	305	—
Aullador	—	366	—	Tello, 1972	8,746	4,155	—
Austral, 1987	11,012	424	31.5	Tempranillo	—	150	—
Balcon, 1988	10,482	766	—	Tempranillo Norte	—	139	—
Bonanza, 1963	4,450	1,685	15.7	Tenay, 1985	12,098	169	36.5
Brisas, 1973	6,060	226	23.0	Tesoro, 1979	8,784	164	33.1
Caipal, 1957	5,842	692	15.6	Tibu, 1940	4,744	1,340	30.7
Cano Sur Este	—	4,453	—	Tisquirama, 1963	8,641	1,274	24.8
Caribe, 1969	7,871	1,236	29.9	Toca	—	28	—
Caronte	—	24	—	Volcanera	—	32	—
Casabe Sur	—	1,739	—	Yaguara, 1987	13,000	1,736	—
Casabe, 1941	4,332	10,380	20.9	Yarigui Cantagallo	—	17,835	—
Castilla Este, 1989	7,420	226	13.5	Yurilla, 1992	9,720	80	31.2
Castilla Norte, 1988	7,822	43,275	13.5	EMERALD ENERGY COLOMBIA			
Castilla, 1969	7,250	70,568	13.4	Agapanto	—	176	—
Cebu, 1981	6,865	162	19.5	Campo Rico (PE), 2004	11,795	380	17.0
Chichimene	—	48,972	20.0	Capella	—	2,548	—
Chichimene/SW, 1969	—	20,119	20.0	Centaurus Sur	—	103	—
Churuyaco, 1968	9,185	129	29.7	Gigante	—	191	—
Colorado	—	74	—	Mirto	—	376	—
Cristalina, 1959	11,147	47	29.0	Pimiento	—	2	—
Cupiagua, 1993	16,804	5,804	41.0	Sifflide	—	1	—
Cupiangua Liria	—	3,035	—	Totumal	—	21	—
Cupiangua Sur	—	1,397	—	Vigia (PE), 2005	10,500	455	16.0
Cusiana Norte	—	804	—	Vigia Sur	—	1,843	—
Cusiana, 1988	15,590	1,294	36.4	EQUION ENERGIA			
Cusuco	—	1,088	—	Florena, 1998	16,196	4,588	—
Dina Cretaceos, 1969	6,892	1,267	20.9	Florena Mirador	—	3,426	—
Dina Norte	—	436	—	Huron	—	604	—
Dina Terciarios, 1962	4,298	2,982	19.9	Pauto Sur, 1998	19,723	26,410	—
Dona Maria, 1989	8,500	14	—	FRONTERA ENERGY			
Espino	—	12	—	Abanico, 1997	2,696	466	24.0
Fontana	—	1	—	Acorazado	—	14	—
Garzas, 1957	10,012	249	31.0	Alligator	—	1,778	—
Gavan, 1995	11,168	1,210	14.2	Amanecer	—	1	—
Guatiquia, 1985	12,250	2,176	21.6	Andarrios	—	84	—
Guayquiriba	—	10	—	Arauco	—	60	—
				Ardilla	—	2,394	—
				Avispa	—	4,909	—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Azor	—	168	—	GEOPRODUCTION OIL & GAS CO.			
Bastidas	—	93	—	Nelson	—	0	—
Cajua	—	2,529	—	GRAN TIERRA ENERGY			
Canaguay	—	520	—	Acordionero	—	17,264	—
Candelilla	—	2,483	—	Chuirea	—	128	—
Capure	—	1	—	Colon	—	159	—
Careto	—	171	—	Costayaco	—	6,698	—
Carrizales	—	387	—	Cumplidor	—	559	—
Caruto	—	274	—	Guayuyaco (PE)	—	399	—
Castana	—	123	—	Juanambu	—	448	—
Cedrillo	—	49	—	Juglar	—	268	—
Ceibo	—	1,425	—	Los Angeles	—	618	—
Chaman	—	2	—	Mary, 1990	8,084	131	28.3
Ciriguelo	—	215	—	Mirafior, 1991	6,955	20	27.5
Cobra	—	200	—	Moqueta	—	3,528	—
Copa	—	1,949	—	Nancy	—	175	—
Copa A Norte	—	560	—	Pecari	—	27	—
Copa A Sur	—	145	—	Pomorroso	—	66	—
Copa B	—	179	—	Querubin	—	92	—
Copa C	—	122	—	Santa Lucia	—	205	—
Copa D	—	435	—	Toroyaco, 1989	9,443	212	27.6
Coralillo	—	2,475	—	Tronos	—	12	—
Corcel A	—	216	—	Vonu	—	456	—
Corcel C	—	219	—	Zoe	—	2	—
Corcel D	—	225	—	HOCOL SA			
Corcel E	—	234	—	Andalucia	—	60	—
Cotorra	—	0	—	Bonga	—	6	—
Curito	—	27	—	Boquete	—	57	—
Espadarte	—	68	—	Chenche	—	51	—
Galope	—	1	—	Cicuco	—	619	—
Greta Oto	—	145	—	Guarrojo	—	868	—
Guacharaca	—	418	—	La Canada Norte	—	1,338	—
Guaduas, 1996	7,213	133	18.5	La Hochoa	—	850	—
Hamaca	—	1,617	—	La Punta	—	369	—
Hoatzin	—	86	—	Mamey	—	28	—
Hoatzin Norte	—	180	—	Matachin Norte, 1992	6,306	1,315	27
Jaspe	—	6	—	Matachin Sur, 1994	7,278	329	24
La Creciente	—	1	—	Ocelote	—	9,404	—
Manamo	—	0	—	Ortega	—	211	—
Mantis	—	306	—	Pacande	—	342	—
Matemarrano	—	54	—	Pintado	—	1,530	—
Pederalito	—	3	—	Puli	—	64	—
Petirrojo	—	52	—	Purificacion, 1991	6,106	131	35
Petirrojo Sur	—	79	—	Rio Saldana	—	275	—
Pisingo	—	624	—	Santiago, 1985	10,361	438	22.5
Quifa	—	47,490	—	Toldado	—	673	—
Sabanero	—	986	—	Toqui Toqui, 1986	3,000	398	21.4
Saimiri	—	166	—	Totare, 1987	1,417	69	—
Seje	—	2	—	Toy	—	117	—
Tijereto	—	10	—	HUPECOL OPERATING			
Tucuso	—	71	—	Llanos 58	—	1,107	—
Yaguazo	—	977	—	Frankmave	—	33	—
Yatay	—	336	—	IBEROAMERICANA DE HIDROCARBUROS			
Yopo	—	10	—	Almagro, 1988	—	670	—
Zopilote	—	1,279	—	Rio Zulia, 1962	6,808	466	40.8
GEOPARK COLOMBIA PN SA				Valdivia Almagro, 1988	5,785	309	22.6
Carupana	—	60	—	INTEROIL			
Chachalaca	—	152	—	Ambrosia-1 (PE)	—	30	—
Chiricoca	—	2,589	—	Mana	—	465	—
Cuerva Noroeste	—	14	—	Rio Opia (PE)	—	22	—
Cuerva Oeste	—	145	—	Vikingo	—	202	—
Cuerva Sur	—	74	—	LAS QUINCHAS RESOURCES CORP.			
Curucucu	—	242	—	Acacia Este	—	4	—
Guaco	—	158	—	Baul	—	0	—
Jacamar	—	37	—	Lisa	—	3	—
Jacana	—	25,403	—	Mauritia Este	—	87	—
Max	—	302	—	Mauritia Norte	—	1,196	—
Potrillo	—	33	—				
Tarotaro	—	477	—				
Tigana	—	19,985	—				
Tigana Norte	—	8,731	—				
Tigana Sur	—	6,182	—				
Tilo	—	358	—				
Tua	—	5,479	—				
Yamu	—	26	—				

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
LEWIS ENERGY				Habanero			
Agave	—	0	—	Kona	—	397	—
Azafran	—	766	—	Las Maracas	—	450	—
Bullerengue	—	460	—	Pimiento	—	1	—
Caramelo	—	0	—	Rumba	—	1,626	—
Los Aceites	—	91	—	Totumal	—	14	—
Primavera	—	44	—	PERENCO COLOMBIA LTD.			
Tulipan	—	140	—	Abejas, 1990	5,600	293	33.0
MANSAROVAR ENERGY				Barquerena, 1982	11,129	179	32.3
Abarco	—	3,152	—	Candalay	—	27	—
Girasol	—	2,851	—	Cano Gandul, 1986	—	195	—
Jasmin	—	3,799	—	Cano Garza	—	140	—
Moriche, 1983	—	10,271	—	Cano Garza Este, 1992	10,000	130	36.8
Nare	—	215	—	Cano Garza Norte, 1983	9,143	156	40.2
Underriver	—	1,874	—	Chaparrito, 1988	7,028	260	34.4
Velasquez, 1946	—	2,976	—	Coren	—	1,568	34.4
NEW GRANADA ENERGY				Corocora	—	844	—
Cabiona	—	620	—	Corsur	—	69	—
Dorotea B	—	1,621	—	Cravo Este, 1987	11,100	493	42.0
Dorotea E	—	89	—	Guanapalo, 1986	7,250	87	29.8
Leona B	—	138	—	Guarilaque, 1988	6,890	948	24.4
Leona B Norte	—	35	—	Guasar, 1991	6,900	261	25.0
Leona B Sur	—	41	—	Jorcan	—	38	—
Leona C	—	17	—	Jordan, 1985	7,100	440	29.3
NIKOIL ENERGY CORP.				La Flora, 1985	9,973	279	34.2
Medina	—	60	—	La Gloria Norte, 1983	10,881	470	17.2
OCCIDENTAL				La Gloria, 1974	14,105	576	17.8
Araguato	—	119	—	Morichal, 1984	15,225	209	30.0
Bayonero	—	547	—	Oropendola	—	195	—
Canagüey	—	1,126	—	Palmarito, 1988	6,408	233	41.1
Cano Limon, 1983	10,176	22,914	29.0	Paravare, 1986	7,100	142	28.0
Cano Rondon	—	3,091	—	Pirito	7,146	63	—
Cano Yarumal	—	3,166	—	Remache Norte	—	313	—
Caricare	—	3,816	—	Remache Sur	—	193	—
Chipiron	—	5,704	—	Sardinas, 1982	6,546	853	26.3
Finn	—	3,553	—	Sirenas, 1989	6,250	32	—
Galembo	—	114	—	Tocaria, 1980	12,598	248	32.1
Golondrina	—	41	—	Toros	—	36	—
Jiba Unificado	—	80	—	Trinidad, 1983	10,944	592	32.4
Macana	—	215	—	Vireo	—	130	—
Matanegra Oeste	—	22	—	PERENCO OIL AND GAS COLOMBIA			
Morrocoy	—	49	—	Carupana	—	120	—
Redondo	—	810	—	Cuerva Este	—	0	—
Redondo Este	—	54	—	Cuerva Noreste	—	12	—
Rex	—	345	—	Cuerva Oeste	—	145	—
Rex NE	—	3,929	—	Cuerva Sur	—	73	—
Terecay	—	1,393	—	Guando SW	—	5,576	—
Tonina	—	19	—	Guando, 2000	3,141	2,164	30.0
OIRU				Potrillo	—	25	—
Alepe	—	187	—	Yamu	—	20	—
Alva Sur	—	31	—	PETROLEOS SUD AMERICANOS			
Nashira Norte	—	646	—	El Difícil	—	145	—
OMNIA ENERGY INC.				Entrerrios	—	428	—
Flami	—	345	—	Guarimena	—	143	—
ONGC VIDESH LTD.				PETROSANTANDER COLOMBIA			
Indico	—	4,090	—	Corazon West B	—	171	—
Mariposa	—	3,079	—	Corazon, 1963	8,766	35	—
Sol	—	3	—	Payoa West	—	6	—
PAREX RESOURCES				Payoa, 1961	9,469	514	27.9
Adalia	—	402	—	Salina	—	1,132	—
Aguas Blancas	—	184	—	SUELOPETROL CA SUCURSAL			
Akira	—	1,702	—	Omi	—	78	—
Andina	—	3,107	—	TABASCO OIL CO.			
Andina Norte	—	437	—	Andaluz	—	141	—
Bacano	—	4,336	—	TECPETROL COLOMBIA			
Begonia	—	330	—	Atarraya	—	266	—
Boranda	—	175	—	La Pluma	—	307	—
Capachos	—	1,312	—	Pendare	—	2,214	—
				Pendare Norte	—	253	—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
TPL COLOMBIA LTD			
Turpial	—	97	—
UNION TEMPORAL OMEGA ENERGY			
Bolivar-Buenavista	—	38	—
Corrales	—	250	—
VERANO ENERGY (BARBADOS)			
Azogue	—	97	—
Calona	—	1,140	—
Carmentea	—	219	—
Kananaskis	—	147	—
VETRA E&E			
Cohembi	—	5,160	—
Juape	—	98	—
Quillacinga	—	804	—
Quinde	—	441	—
Santa Domingo	—	177	—
Santa Domingo Norte	—	237	—
WHATTLE PETROLEUM CO.			
Cerro Gordo	—	0	—
Total Colombia		885,568	

CONGO (former Zaire)

PERENCO-REP			
• GCO South, 2001	—	—	—
• GCO, 1970	7,000-9,000	—	38.7
• Kifuku, 1986	3,400	—	31.0
• Kinkasi, 1972	3,700	—	31.0
• Liawenda, 1972	3,900	—	31.0
• Libwa, 1981	5,500	—	33.0
• Lukami, 1983	12,400	—	33.2
• Makelekese, 1983	3,600	24,000	31.0
• Mibale, 1973	5,000-6,000	—	30.0
• Moko, 1972	12,310	—	32.0
• Motoba, 1976	11,098	—	31.5
• Muanda, 1972	3,600	—	31.0
• Nsiamfumu	—	—	—
• Tshiala East, 1994	8,000	—	31.0
• Tshiende, 1978	6,000	—	34.0
Total Congo (former Zaire)		24,000	

CONGO (Brazzaville)

ENI			
• Awa Paloukou	—	2,177	—
• Djambala, 1991	6,890	0	34.0
• Foukanda, 1998	3,937	2,023	35.7
• Ikalou-Ikalou South	—	4,056	—
• Kitina, 1991	8,859	1,766	38.0
• Kitina S.	—	1	—
• Kouakouala, 1995	5,100	773	40.0
• Litchendjili	—	2,386	—
• Loango, 1972	3,000	5,714	27.0
• Loufika	—	6	—
• M'Boundi, 2001	4,883	8,034	39.6
• M'Boundi (c), 2002	4,883	1,015	39.6
• Mwafi, 1998	2,625	2,502	27.9
• Nene	—	24,040	36.0-41.0
• Paloukou	—	0	—
• Zatchi, 1980	2,000	3,175	26.6
• Zingali	—	418	—

*ENI's production includes NGL.

PERENCO			
• Emeraude, 1969	820	—	22.3
• Yombo, 1988	3,300	—	16.2

CONGOREP			
• Likouala, 1979	4,270	—	—

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
TOTAL SA			
Kombi-Likalala-Libondo	—	—	—
• Moho Bilondo, 1995	3,630	—	—
• Moho Phase 1b	—	—	—
• Nkossa, 1984	11,000	—	40.7
• Nsoko	—	—	—
• Sendji, 1973	3,940	—	29.3
• Tchendo, 1979	1,600	—	33.0
• Tchibelo-Litanzi-Loussima	—	276,914	—
• Tchibouela, 1983	2,110	—	26.0
• Yanga, 1979	2,950	—	29.4
MURPHY			
Azurite, 2005	—	—	—
OTHER			
Other fields	—	—	—
Pointe Indienne, 1951	5,000	—	35.0
Total Congo (Brazzaville)		335,000	

CROATIA

INA-NAFTAPLIN			
Benicanci, 1966	6,752-9,938	—	30.2
Benicanci, (c), 2000	5 085-5 236	—	68.3
Bilogora, 1966	3,346-5,052	—	40.8
Bizovac, 1989	5,483-5,499	—	33.8
Boksic-Klokocevc, 1975	7,218-10,171	—	31.0
Bunjani, 1951	1,800-2,550	—	30.2
Crnac, 1977	6,814-8,061	—	34.6
Cepelovac-Hampovica, 1966	3,280-4,690	—	44.3
Deletovci, 1982	3,143-3,422	—	28.9
Dugo Selo, 1953	3,445-4,183	—	31.1
Ferdinandovac, 1959	5,625-5,915	—	36.0
Galovac-Pavljani, 1991	1,250-1,938	—	34.4
Gola duboka (c), 1988	8,235-8,645	—	44.9
Gola plitka (c), 1973	6,824-6,988	—	54.0
Ilica, 1982	3,445-4,183	—	31.1
Ivanic Grad, 1959	5,282-5,709	—	33.4
Jagnjedovac, 1961	2,864-3,570	—	33.0
Jamarice, 1965	3,281-5,512	—	37.6
Jezevo, 1963	6,234-7,382	—	36.7
Kalinovac (c), 1978	11,841-14,682	—	51.5
Klostar, 1952	2,297-4,593	—	36.3
Kozarice, 1972	3,281-3,609	—	23.6
Kucanci-Kapelna, 1973	6,562-7,218	—	25.2
Legrad (c), 1961	5,250 - 7,150	—	75.7
Lepavina, 1969	1,780-2,200	—	22.8
Leticani, 1989	4,584-4,817	—	35.0
Lipovljani, 1960	3,937-5,709	—	36.7
Lupoglav, 1971	3,860-5,600	14,400	33.4-37.0
Mihovljani, 1973	5,150-5,760	—	32.5
Molve (c), 1974	10,263-11,345	—	57.2
Mramor Brdo, 1949	2,625-4,101	—	31.1
Obod-Lacici	7,500-8,050	—	36.3
Obod, 1967	6,378-7,550	—	32.5
Okoli (c), 1962	7,218-7,874	—	80.6
Okoli, 1962	7,382-8,366	—	35.5
Pepelana, 2003	3,609-4,265	—	41.9
Privlaka, 1983	2,933-3,041	—	25.9
Sandrovac, 1962	2,250-3,700	—	37.8
Stari Gradac (c), 1980	11,720-13,630	—	51.4
Stevkovic, 1978	7,710-9,843	—	31.9
Struzec, 1956	2,362-3,773	—	38.8
Sumecani	—	—	—
Vezeisce, 1965	6,135-6,562	—	31.6
Voloder, 1979	6,562-6,595	—	35.2
Zutica (c), 1963	5,450-5,710	—	87.9
Zutica, 1963	5,742-6,923	—	33.8
Total Croatia		14,400	

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
CUBA			
CUBAPETROLEO			
Boca Jaruco, 1968	5,000	45,825	13.0
Pina, 1989	3,500		27.0
Perifericos, 1972	5,000		21.0
• Canasi, 1999	7,500		9.0-12.0
Mataguillar, 1996	4,000		15.0
Santa Cruz, 2004	—		—
• Seboruco/Faustino, 1999	11,900	12.0-15.0	
Varadero, 1969	6,000	8.0-10.0	
SHERRITT			
• Puerto Escondido, 1998	7,700	4,175	9.0-12.0
Varadero West	—		8.0-10.0
• Yumuri, 1999	—		11.8-12.1
Total Cuba		50,000	

CZECH REPUBLIC

All fields	—	2,000	—
Total Czech Republic		2,000	

DENMARK

DONG E&P A/S			
• Cecilie, 2000	7,218	479	—
• Nini, 2000	5,600	1,992	39.0
• Siri, 1995	6,800	2,202	37.0
HESS			
• South Arne, 1969	9,200	9,745	37.0
TOTAL			
• Dan, 1971	6,100	18,622	31.0
• Gorm, 1971	6,900	5,204	34.0
• Halfdan, 1999	6,900	35,936	31.0
• Harald, 1980	8,900-12,000	144	44.0
• Kraka, 1966	5,900	1,792	33.0
• Lullita, 1992	11,600	406	32.0
• Roar, 1968	6,600	1,310	52.0
• Rolf, 1981	5,900	998	31.0
• Skjold, 1977	5,200	7,084	29.0
• Svend, 1975	8,200	0	36.0
• Tyra Southeast, 1991	6,700	2,790	37.0
• Tyra, 1968	6,600	3,974	41.0
• Valdemar, 1977	6,600-8,500	6,734	42.0
WINTERSHALL			
• Ravn, 1986	—	1,592	—
Total Denmark		101,006	

DUBAI

DUBAI PETROLEUM ESTABLISHMENT			
• Falah, 1972	8,100	NA	25.5
• Fateh, 1966	7,900-9,000		31.8
• Rashid, 1973	9,400-11,500		38.0
• S.W. Fateh, 1970	7,500-9,000		30.3
Total Dubai			

ECUADOR

ENI			
Villano, 1992	11,308	6,200	20.2
*ENI's production includes NGL.			
ENAP SIPETROL			
Biguno	—	—	—
Huachito	—	—	—

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Mauro Davalos	—	—	—
Paraiso	—	—	—
ANDES PETROLEUM			
Fanny-18B, 1972	7,700	—	22.5
Mariann, 1971	7,700	—	20.0
Tarapoa/Joan/Dorine, 1973	8,300	—	20.0
CANADA GRANDE			
Pacoa, 1992	—	—	—
CITY ORIENTE			
Tipischa Bloque 27	—	—	—
ECUADOR TLC Bloque 18			
Pata	—	—	—
Pata Azul	—	—	—
JTI/PEGASO			
Puma Oriente	—	—	—
PERENCO			
Coca-Payamino (46%), 1991	8,500	—	24.0
Gacela, 1991	8,800	—	25.0
Lobo, 1994	—	—	—
Yuralpa	—	—	—
PETROORIENTAL			
Block 14	—	—	—
Block 17	—	—	—
REPSOL YPF			
Bogui-Capiron	—	—	15.6
Bloque 16 (Amo, Ginta, Iro, Daimi)	—	—	15.6
Tivacuño, 1971	—	—	18.8
PACIFIC PETROL			
Ancon, 1921	4,000	—	35.7
Carpet Zona Norte, 1921	4,000	—	36.4
Cautivo, 1921	4,000	—	36.4
PETROBELL			
Tiguino, 1990	11,150	—	27.0
PETROLAMEREC			
Pindo	—	—	—
Palanda, 1991	10,700	—	29.0
Yuca Sur, 1985	10,300	—	14.5
SUELOPETROL			
Pucuna, 1990	7,000-8,000	—	30.0
Singue	7,000-8,001	—	25.0
TECPECUADOR			
Bermejo, 1967	6,000	—	32.5
PETROPRODUCCION - LAGO AGRIO			
Guanta	9,000	—	—
Lago Agrio, 1967	10,175	—	28.5
Parahuaco, 1968	10,173	523,800	30.0
PETROPRODUCCION - LIBERTADOR			
Atacapi, 1968	9,855	—	31.0
Frontera, 1991	10,175	—	29.0
Pichincha	—	—	—
Secoya	—	—	—
Shuara	—	—	—
Shushuqui	—	—	—
Tapi, 1991	9,400	—	29.1
Tetete, 1984	9,400	—	29.1
PETROPRODUCCION - CUYABENO			
Cuyabeno, 1972	8,050	—	27.4
Sansahuari, 1984	8,300	—	26.0
V.H. Ruales, 1991	8,400	—	31.0
Bloque 27	—	—	—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
PETROPRODUCCION - SACHA			
Sacha, 1972	10,300		28.0
PETROPRODUCCION - SHUSHUFINDI			
Aguarico	9,500		—
Shushufindi, 1972	10,900		30.0
PETROPRODUCCION - AUCA			
Anaconda, 1991	10,200		25.0
Auca, 1970	10,578		28.0
Auca Sur, 1980	9,100-10,300		25.6
Auca Este, 1992	10,330		—
Cononaco, 1972	10,500		33.3
Culebra, 1973	10,626		17.5
Yuca, 1980	10,300		28.0
Yulebra, 1981	10,400		21.4
Rumiyacu	—		—
RIO NAPO			
Sacha, 1969	9,880		29.7
PETROAMAZONAS SA			
Limoncocha, 1993	9,850		19.0
Block 15:			
Concordia	—		—
Indillana, 1988	10,000		17.0-22.0
Itaya, 1985	9,280		17.0-22.0
Jivino-Laguna, 1990	10,000		18.3
Pak Sur	—		—
Eden Yuturi	—		—
Yanaquincha	—		—
Total Ecuador*		530,000	
* Includes NGL			

EGYPT

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
ENI			
Abu G West, 1996	4,400		36.6
• Abu Madi W. (c), 1991	11,200	78	55.4
Abu Madi (c), 1968	12,600		55.4
Abu Rudeis	—	6,308	—
Aghar	—	2,404	—
Ashrafi, 1990	6,000	2,878	39.0
• Baltim East (c), 1996	11,600	1,432	50.0
• Baltim North (c), 1995	—	871	—
• Baltim South (c), 1996	12,000	355	55.0
Belayim Land, 1953	8,600	38,704	21.5
• Belayim Marine, 1961	8,300	22,655	28.9
Denise Main	—	39	—
Denise North	—	7	—
East Delta (c), 1994	11,500	0	55.4
East Delta South (c), 1996	10,700	0	55.4
East Kanayis	—	204	—
El Faras, 1996	3,300	3,220	31.0
El Qara (c), 1989	12,000	0	55.4
El Temsah	—	2,372	—
Emery Deep	—	1,877	—
• Karous (c), 1998	4,200	0	—
Meleiha, 1980	5,000-9,100	27,653	41.5
Meleiha (c), 1980	5,000-9,100	286	41.5
Nidoco Northwest	—	7,712	—
North Sinai	—	0	—
Nouras	—	0	—
• Port Fouad (c), 1982	11,000-14,100	1,717	55.4
Raml, 1996	4,400	737	36.6
Raml Southwest	—	491	—
Ras Qattara, 1993	6,000	0	28.0
Razzak West, 1989	6,000	0	36.0
• Sinai/Ras Garra, 1987	6,500-8,000	957	27.0-35.2
SW Meleiha	—	2,725	—
• Temsah (c), 1996	10,800-13,000	0	49.0
UGDC Nidoco	—	2,511	—
UGDC Port Fouad	—	2,806	—
UGDC Temsah	—	2,437	—
• Wakar (c), 1994	11,800	0	55.4
Zarif, 1993	6,000	824	28.0

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Zohr	—	4,213	—
*ENI's production includes NGL.			
AMAPETCO			
• Al-Amal, 1983	6,420		37.0
APACHE			
Mihos, 2004	—		—
EPEDECO			
West Bakr Blk., 1978	4,200		18.5
BAPETCO (SHELL)			
Badr El Din-1, 1981	11,485		39.0
Badr El Din-15, 1988	10,368		38.0
Badr El Din-2, 1982	7,900		53.0
Badr El Din-3, 1982	12,130		29.0
Badr El Din-3 (c), 1982	12,140		50.0
Sitra-5, 1985	10,378		32.0
Sitra-8, 1993	9,198		40.0
BP EGYPT			
Abu El Gharadig, 1971	9,550		33.0
East Razzak, 1972	5,555		37.0
NS377	—		—
North Abu el Gharadig, 1985	11,900		33.0
Northeast Abu el Gharadig, 1984	10,620		34.0
Razzak, 1972	5,550		37.0
WD 19/1, 1972	8,425		45.0
WD 33/1, 1972	10,000		35.0
WD 33/15, 1985	4,750		30.0
BORAPETCO			
Borg el Arab, 1996	7,700		36.0
CENTURION			
El Wastani (c), 1968	9,700		—
EGYPTIAN GENERAL			
Abu Sennan, 1981	5,950		42.3
Abu Sennan (c), 1981	5,950		57.0
• Amer, 1965	3,400		21.8
Assal, 1981	3,750		21.3
Assran, 1981	3,600		12.0
Bakr, 1958	3,110		18.7
Behar, 1981	4,850		30.8
El Eyon, 1968	3,450		19.5
Ghareb, 1938	2,430		26.0
H-4	—		—
Hurghada, 1913	2,000		23.0
Kareem, 1984	1,700		17.2
Kheir, 1973	3,400		21.5
Matarma, 1982	2,050		21.3
• North Amer, 1965	5,300		34.0
Shukeir	—		—
Sudr, 1981	3,000		21.9
Um-El Yusr, 1968	4,500		21.5
Ush-El-Malaha, 1982	3,280		41.4
EL-ALAMEIN			
Horus, 1984	6,230		35.6
ESSO			
• East Zeit, 1981	11,600		40.0
• East Zeit (c), 1981	11,600		58.0
Wady el Sahl, 1994	8,273		40.0
ESHPETCO			
East Rabeh, 1997	6,300		26.5
• Rabeh, 1997	6,300		26.5
OASIS			
West Qarun, 1993	6,850		40.0
W.G. Zeit, 1997	10,140		37.0

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
OSOCO			
Gama, 1990	4,240		45.0
Shukeir Bay, 1980	4,660		44.6
GEISUM			
• North Geisum, 1981	3,850		27.0
• South Geisum, 1981	4,500		17.5
• Northeast Geisum, 1981	4,500		17.5
• West Tawila, 1980	8,380		41.0
GUPCO			
• Badri, 1981	6,000		32.0
• East Tanka, 1995	11,500		32.0
• East Badri, 1990	6,000		37.0
• Esma, 1997	11,600		36.0
• GH 376, 1981	9,000		24.0
• GS 160, 1977	11,200	508,527	31.0
• GS 172, 1988	10,800		27.0
• GS 173, 1978	10,700		31.0
• GS 277, 1982	9,028		33.0
• GS 327, 1987	5,770		20.0
• GS 345, 1982	7,800		35.0
• GS 365, 1980	9,970		32.0
• GS 373, 1978	10,130		30.0
• GS 381, 1985	10,500		37.0
• Hilal, 1982	9,600		32.0
• July, 1973	10,000		32.0
• Morgan, 1965	6,300		31.0
• Nessim, 1981	6,800		30.0
• North October, 1989	9,500		40.0
• October, 1978	12,000		31.0
• Ramadan, 1974	11,500		33.0
• SB 294, 1986	11,123		29.5
• SB 305, 1977	7,500		30.0
• SB 367, 1983	7,450		39.0
• SB 339, 1981	4,200		30.0
• SG 184, 1994	11,250		31.0
• SG 300, 1974	6,500		24.0
• SG 325, 1995	10,590		32.0
• SG 374, 1987	11,150		36.0
• Shoab Ali, 1977	5,500		33.0
• Sidki, 1976	10,500		36.0
• Waly, 1982	6,850		35.0
• Younis, 1981	4,700		35.0
• Salam, 1986	7,975		44.0
• Shurouk, 1994	6,280		43.0
• Tut, 1986	8,220		44.0
• Tut West, 1986	8,119		40.0
• Yaser, 1987	6,172		46.0
LUKOIL			
West Esh El-Mallaha, 1997	—		
MAGAPETCO			
East Esh El Mallaha, 1988	3,980		47.0
PETROZEIT			
• Gazwarina, 1987	2,764		43.0
• Ras El Ush, 1996	4,140		34.0
QARUN			
Qarun, 1995	9,180		40.0
North Qarun, 1995	8,835		35.8
Southwest Qarun, 1996	9,940		39.2
Sakr, 1997	9,220		34.0
Wady al Rayan, 1997	6,000		26.0
RACEBROOK			
• South Ramadan, 1984	11,960		28.0
RALLY ENERGY			
Issaran, 1991	1,950		13.0
SEA DRAGON - DANA GAS EGYPT			
Al Baraka	8,750		37.0

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
SUCO OIL CO.			
• Ras Budran, 1979	11,400		26.0
• Ras Fanar, 1980	2,200		31.0
• Zeit Bay, 1980	4,450		36.0
• Zeit Bay (c), 1980	4,450		59.0
SUMPETCO			
South Umbarka, 1989	14,500		40.0
Umbarka, 1969	11,117		44.0
TANGANYIKA			
Hana, 1999	4,800		25.5
VEGAS			
NW Gamsa, 1989	6,480		41.0
Al Amir/Al Amir SE/Geyad	—		—
WEPCO			
Alamein, 1966	8,000		38.0
Yidma, 1971	8,000		44.0
ZAAFARANA			
Warda, 1995	6,700		23.0
Total Egypt*		647,000	
* Includes NGL			

EQUATORIAL GUINEA

KOSMOS/TRIDENT			
• Ceiba, 1999	8,500	38,300	30.0
• Okume, 2001	9,750		—
• Oveng	6,989		34.0
• Ebano	11,011		36.5
• Elon	5,977		—
EXXONMOBIL			
• Zafiro, 1995	400-2,800	90,000	34.0-38.0
MARATHON			
• Alba (c), 1984	8,528	41,096	47.0-48.0
NOBLE (CHEVRON)			
• Aseng, 2007	—	1,604	—
• Alen (c), 2005	—		—
Total Equatorial Guinea		171,000	

FRANCE

ALSACE REGION:			
GEOPETROL			
Eschau, 1956	2,360	80	32.1
Schelbenhard, 1956	1,280-2,430		31.5-40.6
Schelmenberg, 1982	1,200		38.6
OELWEG			
Muehlweg	—		28.4
AQUITAINE REGION:			
GEOPETROL			
Castera-Lou, 1976	8,570	120	21.7
Lagrange, 1984	5,220	462	44.9
Bonrepos	—		—
Montastruc, 1973	5,245	60	29.5
VERMILION REP			
Cazaux, 1959	7,840-9,970	1,727	34.2-37.3
Courbey, 1996	9,290	442	—
Lavergne	—	60	—
Les Arbousiers, 1991	9,410	80	34.4
Les Mimosas, 2004	—	80	—
Les Pins, 1994	9,120	341	29.7

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	
Lugos, 1956	4,890	281	20.8	
Parentis, 1954	6,510	1,687	33.4	
Vic Bilh, 1979	6,230	623	22.8	
Cabeil, 1965	6,400	60	37.4	
Lucats, 1956	6,560		39.0	
Mothes, 1955	7,710		21.1	
Tamaris, 1998	10,824		21.1	
BASSIN DE PARIS REGION:				
BRIDGE OIL				
Norville	—	80	—	
GEOPETROL				
Sivry, 1984	7,020	221	34.4	
Bagneaux, 1988	3,580		34.4	
Brie, 1968	6,920		34.2	
Fontaine-au-Bron, 1986	5,350		36.2	
La Vignotte, 1991	7,660		34.4	
Nesles, 1995	7,450		34.6	
Pezarches, 1994	7,630		34.4	
St.-Germain, 1984	7,040		34.4	
IPC				
Dommartin-Lettree, 1985	6,460	141	33.6	
Vert-la-Gravelle, 1985	7,480	442	34.4	
Soudron, 1976	4,010-6,470	301	34.4	
Grandville, 1959	6,230	361	36.2	
Villeperdue, 1959	5,350	582	36.2	
Courdemanges, 1983	4,950	261	34.4	
Fontaine-au-Bron Sud, 1958	5,350		36.2	
Hautefeuille, 1987	5,380		35.8	
La Motte Noire, 1987	7,005		32.1	
Merisiers, 1990	5,720		35.6	
Plivot	—		—	—
Val-des-Marais	—		—	—
Villeseneux	—		—	—
SPPE FUBLAINES				
L'île-du-Gord, 1986	7,090	201	34.0	
Coulommes, 1958	5,510		32.8	
Montlevee, 1986	5,560		33.0	
SPPE				
Avon-La Peze	—	—	—	
Saint Eloi	—	40	—	
Saint Lupien	—	120	—	
Saint Martin-De-Bossenay	—	201	—	
VERMILION MORAINÉ				
Chuelles, 1961	1,800	201	24.8	
Chateau Renard, 1958	1,800	361	24.8	
Saint-Firmin, 1960	1,800	382	24.8	
Charmottes, 1984	5,480-8,040	201	35.0-36.6	
Courtenay, 1964	1,800		24.8	
VERMILION REP				
Vert-le-Grand, 1986	5,910	161	33.2	
La Croix Blanche, 1987	5,910	221	34.9	
La Torche, 2003	—	281	—	
Itteville, 1990	4,780	703	32.5	
Chaunoy	—	723	—	
Champotran, 1985	7,830	1,888	37.0	
Bremonderie, 1984	8,200	—	35.4	
Donnemie, 1979	8,380	—	36.4	
La Conquillie	—	—	—	
Malnoue, 1985	6,020-8,330	361	34.2-37.2	
Neocomien	—	—	—	
Saint Lazare, 2004	—	—	—	
Vert-le Petit, 1987	4,760	—	32.3	
Vulaines, 1977	5,580	—	34.2	
Total France		14,540		

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
GABON			
ADDAX PETROLEUM			
Dinonga/Irondou/Aoutour, 1987	—	—	—
ENI			
• Limande, 1997	5,500	—	24.0
GABON OIL			
Obangue, 1988	—	—	—
Remboue, 1991	1,300	—	34.0
PERENCO			
Atora, 1997	—	—	—
Avocette, 1989	5,610-5,975	—	35.4
• Barbier, 1972	5,700-6,300	—	28.6
• Breme/NAT, 1976	4,460-5,310	—	36.5
Coucal, 1987	3,800-4,000	—	32.6
Echira, 1984	4,745-4,810	—	36.3
• Girelle, 1973	9,400	—	28.9
Gombe Maria Beta, 1962	2,500-3,900	—	24.0
• Gonelle, 1972	5,500-6,000	—	25.5
• Grondin, 1971	7,150-7,770	—	27.1
• Hylia, 1993	4,200-5,100	—	26.6
• Lucina West, 1982	4,530-5,580	—	—
• Lucina, 1972	4,290-4,930	—	—
Mandji	—	—	—
• M'Bya, 1969	5,700-6,800	—	35.9
M'Polunie West, 1982	1,700-1,950	—	18.0
M'Polunie, 1980	1,950-2,070	—	27.2
Niungo, 1987	—	—	—
Oba, 2005	—	—	—
• Obando, 1984	8,200-8,680	—	32.0
• Octopus, 1984	9,850-10,365	—	33.0
Oguendjo B and C, 1981	3,800-5,100	—	36.0
• Oguendjo Z, 1988	4,600-5,300	—	36.0
Olende, 1976	6,600-6,800	—	34.3
• Ompoyi, 2002	2,985	—	—
• Orindi, 2003	—	—	—
• Pageau, 1972	8,950-9,100	—	19.2
• Pelican, 1985	6,700-9,580	—	31.0
• Simba	—	—	—
• Tchatamba Marin, 1995	—	—	—
• Tchatamba South, 1998	—	—	—
• Tchatamba West, 1998	—	194,123	—
ASSALA ENERGY			
Rabi/Kounga, 1985	3,500-3,640	—	34.2
Kouala/Damier, 2004	—	—	—
Gamba/Ivinga, 1963	2,800-3,100	—	32.2
Tsiengui West	—	—	—
TOTAL SA			
• Anguille, 1962	7,380-9,350	—	30.6
• Anguille Northeast, 1968	6,200-7,050	—	32.7
• Anguille Southeast, 1962	8,200-9,200	—	27.5
• Ayol Marine, 1978	7,320-7,580	—	20.3
• Baliste, 1975	4,900-5,050	—	28.9
• Baudroie, 1984	8,200-9,200	—	29.7
• Baudroie North, 1980	7,100-7,850	—	31.9
• Grand-Anguille, 1983	8,400	—	29.8
• Lopez Nord	—	—	—
• Mandaros, 1972	4,900-6,150	—	20.2
M'Boumba, 1978	2,300-3,180	—	31.7
M'Boukou	—	—	—
• Merou Sardine, 1984	8,600-9,400	—	30.8
• Port Gentil Ocean, 1964	6,500	—	34.2
• Port Gentil Sud Marine, 1975	7,300-8,000	—	31.0
• Tchengué	—	—	—
• Torpille, 1968	8,530-9,450	—	35.0
• Torpille, Northeast, 1982	8,150-8,700	—	28.9
VAALCO			
• Avouma/South Tchibala, 2004	—	—	—
• Etame, 1998	6,100	—	36.0
• Ebouri, 2003	—	12,877	—
• Etame Southeast	—	—	—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
• Techibala North	—	—	—
Total Gabon		207,000	

GEORGIA

BLAKE OIL & GAS

Manavi	—	—	40.5
Ninotsminda, 1979	8,528-9,840	—	41.0
Norio, 1939	—	—	—

FRONTERA

Block 12	—	—	—
----------------	---	---	---

IORI VALLEY OIL & GAS LTD. (GOGC)

Krtsanisi	—	—	—
Samgori, 1974	—	—	41.0
Samgori Southern Dome, 1979	—	—	—
Samgori-Patardzeuli-Ninotsminda, 1974	—	400	—
Teleti, 1977	—	—	—

GEORGIAN OIL-SAKNAVTOBI

Baida, 1989	—	—	—
East Chaladidi, 1969	—	—	—
Mirzaani, 1930	2,952-4,265	—	—
Mtsarehevi, 1989	—	—	—
Nazarlebi, 1988	—	—	—
Patara Shiraki, 1932	—	—	—
Satskhenisi, 1955	—	—	—
Shromisubani, 1974	—	—	—
Supsa, 1889	—	—	—
Taribani, 1963	7,217-11,483	—	—
West Rustavi, 1988	—	—	—

Total Georgia **400**

GERMANY

BEB/EXXONMOBIL

Annaven	—	88	—
Barenburg, 1953	2,300-3,300	437	31.1
Bodenteich, 1960	4,641	35	31.3
Borger	—	0	—
Botersen Pool	—	0	—
Eich, 1983	5,995	69	39.4
Eldingen, 1949	5,028	97	36.2
Friedrichseck	—	1	—
Georgsdorf, 1944	1,800-2,600	1,513	24.5
Greetsiel	—	0	—
Gross Lessen, 1969	3,300	189	31.4
Hankensbuttel Pool, 1954	5,182	28	31.3
Hengsilage Nord	—	0	—
Loningen W/Hoite/Mensl.-Westrum	—	0	—
Luben, 1955	3,950	147	33.6
Meppen-Schwefingen, 1959	4,257	323	29.5
Nienhagen Feld, 1909	3,079	92	30.2
Ruhlermoor-Malm	—	48	—
Ruhlermoor-Valendis, 1949	2,381	2,583	24.5
Ruhme, 1954	1,950	263	33.4
Sagermeer	—	0	—
Sohligen Pool	—	16	—
Sulingen, 1973	3,345	0	30.0
Taaken	—	0	—
Thonse	—	53	—
Uttum	—	3	—
Wehrbleck, 1947	3,400	214	32.1
Wietingsmoor, 1954	2,820	0	30.6

DEA

Becklingen	—	0	—
Botersen Pool, 1987	15,420-16,030	1	—
Dieksand	—	4,782	—
Dieksand (c)	—	66	—
Hankensbuttel-Sud 76, 1954	4,530	17	27.0-35.0
Hankensbuttel-Sud Rest, 1954	—	209	—
Hebertshausen, 1982	2,840	42	26.0

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Hemsbunde Pool, 1985	15,710	2	—
• Mittelplate, 1980	7,005-8,860	15,848	18.0-30.0
Volkersen Nord, 1992	—	0	—
Volkersen, 1992	15,700-16,260	8	—
Wardbohmen	—	0	—
Weisenmoor, 1998	15,355	2	—
Wolfersberg, 1958	—	0	—

EEG-ERDGAS ERDOL GMBH

Kietz	—	78	—
Lutow	—	42	—
Mesekenhagen	—	53	—

MOBIL ERDGAS-ERDOEL

Lastrup Ost	—	100	—
Lastrup West	—	208	—
Siedenburg	—	87	—
Voigtei	—	151	—
Walsrode	—	0	—
Walsrode-West	—	1	—
Walsrode-Ildingen Pool	—	5	—

NEPTUNE

Allermoehe, 1979	6,700	0	25.9
Borger-Werlte	—	21	—
Bramberge, 1958	2,560 - 3,300	1,296	29.3
Ratzel Z 1b, 1996	—	1	58.9
Reitbrook-West, 1960	6,100	125	25.5
Reitbrook	—	48	—
Ringe, 2001	4,265	540	—
Romerberg	—	2,680	—
Ruehlertwist, 1949	2,350 - 2,900	341	23.5
Scheerhorn, 1949	3,550 - 3,750	631	35.8
Sinstorf, 1960	7,100	117	31.1
WEK (c)	—	14	—

RHEIN PETROLEUM GMBH

Schwarzbach	—	5	—
-------------------	---	---	---

VERMILION

Eddesse-Nord, 1950	460	27	27.5
Hoever, 1957	2,200	22	30.3
Leer, 1984	—	0	45.4
Olheim-Sud	—	117	—
Vorhop, 1952	5,000	430	37.9
Vorhop-Knesebeck, 1958	4,100	129	36.1

WINTERSHALL

Aitingen, 1977	6,232	653	31.1
Aldorf, 1952	4,100	39	33.0
Bedernau	—	0	—
Bockstedt, 1954	4,264	211	27.4
Deutsche Nordsee A6 (c)	—	9	—
Deutsche Nordsee A6-F3 (c), 1974	8,530	51	—
Duste Valendis, 1954	3,936	67	33.0
Emlichheim, 1944	3,116	2,671	24.5
Emlichheim (c), 1944	—	2	—
Landau, 1955	3,936	218	36.9
Lauben	—	52	—
Ruelzheim, 1984	7,544	0	37.7
Schwabmunchen	—	84	—
Suderbruch	—	31	—

Total Germany **38,533**

GHANA

ENI

• Sankofa	—	50,706	—
-----------------	---	--------	---

GHANA NATIONAL PETROLEUM CORP.

• North Tano, 1980	7,500	—	32.0
• Saltpond, 1977	8,500	—	36.0-39.0
• South Tano, 1978	6,000	—	29.0-32.0

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
TULLOW			
• Jubilee, 2007	—	87,400	37.5
• TEN (Tweneboa, Enyenra, Ntomme)	—	61,100	—
Total Ghana		199,206	

GREECE

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
KAVALA OIL			
• Prinos, 1974	8,000-10,000	3,400	28.5
• Prinos North, 1994	7,000-7,150		22.0
Total Greece		3,400	

GUATEMALA

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
PERENCO			
Atzam, 1993	4,274	10,000	38.0
Caribe, 1981	6,830-7,280		22.0-24.0
Chocop, 1985	5,014		13.0
Rubelsanto, 1974	5,300-7,000		26.0-30.0
San Diego, 1981	17,150		35.0
Tierra Blanca, 1983	11,230		19.5-23.0
Tortugas, 1970	2,300		25.0
West Chinaja, 1977	3,200-3,800		31.0-35.0
Yalpemach, 1980	15,351		31.0-35.0
Xan, 1985	8,427		17.0
Total Guatemala		10,000	

HUNGARY

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
MOL HUNGARIAN OIL & GAS CO.			
Algyo, 1965	5,301-8,136	23,300	31.1-65.2
Asotthalom, 1967	2,493-3,199		32.1
Asotthalom-North, 1983	6,521-6,767		32.1
Barabászseg, 1959	6,433-6,850		15.9
Battonya, 1959	1,286-3,041		43.0
Battonya-East, 1970	2,765-2,913		41.7
Belezna, 1963	8,176		38.0-47.0
Budafa-Kiscsehi, 1937	2,168-4,167		38.0-45.4
Bugac	5,262-5,272		38.3
Csanadapaca, 1967	5,710-6,063		37.0
Dany, 1994	5,930		32.3
Demjen, 1954	725-3,937		27.5
Ferencszallas, 1969	5,101-7,674		41.1-50.0
Ferencszallas-East-Kiszomber, 1973	7,012-7,283		41.1
Gomba, 2003	7,940-8,050		34.6
Hahót, 1942	4,033		31.3
Kaba South, 1978	6,363-6,548		35.0
Kápolnapuszta, 1998	5,576		24.0
Kelebia Northeast, 1968	3,011-3,258		37.0
Kelebia South, 1970	2,171-2,428		35.0-45.0
Kiskundorozsma, 1964	4,824-9,711		36.0-43.4
Kiskunhalas Northeast, 1974	5,380-6,594		41.1
Lovasz, 1940	3,083-5,692		37.9-42.6
Martfu	6,666-6,754		44.3
Mezocsokonya West, 1987	5,785-5,938		29.0
Mezohegy, 1960	2,285-3,589		39.0
Mezosas, 1978	7,349-8,394		41.0-49.0
Mezosas West, 1994	8,855		33.0-43.0
Nagybánhegyes, 1990	5,807		31.7
Nagykátá, 2001	7,320-7,590		37.8
Nagylyngyel, 1951	5,545-8,235		11.4-35.0
Ortahaza, 1970	4,460-6,089		31.1-45.4
Ortahaza East, 1986	4,347-5,413	31.1	
Ottomos East, 1992	2,936-2,573	17.0-31.7	
Pusztapaati, 1973	8,300	22.3	
Pusztaföldvár, 1958	2,767-5,538	37.0	
Ruzsa, 1979	6,445-9,403	35.2-39.7	
Savoly, 1980	4,856	20.5	
Savoly South, 1997	5,433	20.2-26.0	
Savoly Southeast, 1994	6,570	22.4	
Savoly West, 1994	5,622	21.7	

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	
HUNGARY				
Szank, 1964	5,239-5,932	23,300	54.2	
Szank Northwest, 1977	5,347-5,495		18.4-46.7	
Szeged-Móraváros, 1971	8,038-8,629		38.0-41.0	
Szeghalom, 1980	5,813-6,608		47.0-57.0	
Szeghalom West, 1989	7,163-7,526		50.0	
Szilvagy, 1968	7,767		23.0	
Tazlar, 1966	4,263-6,890		24.0	
Tazlar North, 1986	6,669-7,415		14.7-46.7	
Tóalmás South, 1999	8,383		33.7	
Tura, 1991	2,611-2,628		38.2	
Ulles-Deep, 1962	5,508-10,400		31.2-50.0	
Zalakomár, 1999	5,800		25.4	
Total Hungary			23,300	

INDIA

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
OIL INDIA LTD.			
ASSAM STATE:			
Bhogpara	—	2,456	—
Central Small	—	4,943	—
Chandmari	—	13,606	—
Digboi, 1890	300-7,500	125	25.0-34.0
Dikom, 1990	10,000-13,000	2,390	32.0
Eastern Satellite	—	469	—
Hapjan, 1987	10,000-11,000	25,370	25.0-34.0
Jorajan, 1972	7,000-12,000	2,590	25.0-34.0
Kathaloni, 1991	10,000-13,000	2,771	25.0-34.0
Moran, 1956	10,000-12,000	2,112	—
Nahorkatiya, 1953	8,500-10,000	3,984	32.0
Shalmari, 1986	11,000-12,000	3,364	25.0-34.0
Tengakhat	—	1,537	—
Western Satellite	—	1,176	—
ARUNACHAL PRADESH STATE:			
Kumchai	—	175	—
RAJSTHAN STATE:			
Baghewala	—	61	—
Bhekulajan, 1995	11,000-12,000	0	31.0
Kharsang/Ningru/Kumehai, 1976	3,500-5,500	0	—
Makum/North Hapjan, 1995	11,000 - 14,000	67,126	29.0-32.0
OIL & NATURAL GAS CORP. LTD.			
EASTERN OFFSHORE:			
• Demulgaon, 1976	9,646-11,840	0	33.0
• Geleki, 1968	9,518-14,769	376	30.0
• Lakwa-Lakhmani, 1964	6,564-14,113	0	33.0
• Rudrasagar, 1960	7,877-13,128	0	26.0
MUMBAI OFFSHORE:			
• Bassein & satellite	—	52,467	—
• Neelam, 1987	4,606-4,836	—	38.0
• Heera & South Heera, 1977	4,267-6,564	45,258	37.0
• Mumbai High, 1974	3,282-7,877	176,741	39.0
• Condensate	—	30,271	—
NORTHEAST:			
Assam	—	20,243	—
SOUTHERN:			
Cauvery	—	6,180	—
Rajahmundry	—	5,808	—
Adikamangalam, 1989	—	—	—
Kamalapuram, 1990	—	—	—
Kovilkallappal, 1990	—	—	—
Lingala, 1989	—	NA	45.0
Mori, 1990	—	—	45.0
Nannilam, 1988	—	—	—
Narimanam, 1985	6,236-7,549	—	43.0 - 45.0
Tiruvarur, 1990	—	—	—
GUJARAT:			
Ahmedabad, 1967	—	27,326	—
Ankleshwar, 1960	1,969-6,564	18,406	47.6-60.0
Cambay	—	3,860	—
Mehsana	—	41,976	—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Balol, 1970	3,280-3,600		16.0
Bechraji, 1987	2,858		16.0
Gandhar, 1984	9,846-12,145		49.9
Jhalora, 1976	3,940-4,270		25.7
Jotana, 1977	3,600-4,930		39.0
Kadi North, 1967	3,610-7,220		22.3
Kadi South, 1968	6,892-9,846		41.1
Kalol, 1961	4,595-10,830		37.0
Kathana, 1965	5,250-5,906		25.0
Khambot	—	NA	—
Kosamba, 1963	1,313-8,533		45.0
Lanwa, 1972	4,595-10,830		15.0
LLimbodra, 1985	—		—
Motwan and Sisodara, 1974	4,920-5,580		45.4
Nada, 1988	9,180-11,490		47.6
Nandasan, 1975	—		—
Nawagam, 1963	4,595-10,174		35.0
Sanand, 1962	4,267-10,174		25.7
Santhal, 1974	3,280-3,600		17.0
Sobhasan & West Sobhasan, 1968	4,595-9,846		33.0
Viraj, 1978	4,595-4,923		22.3
Wasna, 1969	—		—
CBM			
EASTERN OFFSHORE:			
• Ravva, 1987	2,687-8,599	12,219	45.0
• KG-OSN-2001/3	—	45	—
• PY-1	—	35	—
• KG-DWN-98/3	—	663	—
GUJARAT OFFSHORE:			
• CB-OS/2	—	14,994	—
WESTERN OFFSHORE:			
• M&S TAPTI	—	0	—
• Panna-Mukta, 1976	4,923-7,549	10,751	38.0
PRIVATE/JVS			
ANDHRA PRADESH STATE: . . .	—	228	—
ARUNACHAL PRADESH STATE:			
Kharsang	—	695	—
ASSAM STATE:			
AAP-ON-94/1	—	702	—
CB-ON/2	—	90	—
CB-ON/3	—	46	—
CB-ONN-2000/1	—	483	—
CY-ONN-2002/3	—	58	—
CB-ONN-2003/2	—	61	—
Allora	—	0	—
Dholasan	—	14	—
Kanawara	—	42	—
North Kathana	—	4	—
Asjol	—	13	—
Dholka	—	822	—
Wavel	—	81	—
CB-ON/7	—	83	—
GUJARAT STATE:			
Bakrol	—	327	—
Baola	—	74	—
Cambay	—	5	—
CB-ONN-2001/1	—	30	—
CB-ONN-2004/1	—	26	—
CB-ONN-2004/2	—	135	—
CB-ONN-2005/9	—	42	—
Hazira	—	68	—
Indrora	—	38	—
Karjisan	—	47	—
Lohar	—	111	—
Modhera	—	20	—
RAJASTHAN STATE:			
RJ-ON-90/1	—	156,176	—
RJ-ON/6	—	40	—
TAMIL NADU STATE:			
CY-ONN-2002/2	—	1,877	—

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Total India*		764,312	
* Includes NGL			

INDONESIA
BOB-BUNI SIAK PERTAMINA

Coastal Plains and Pekanbaru Block:
Pekanbaru

BP BERAU

Berau Block:
• Ardjuna, 1969
• Arimbi, 1972
• Northwest Corner, 1974
• Pagerungan, 1994

CAMAR RESOURCES CANADA

All fields

CHEVRON INDONESIA

East Kalimantan Block:

CHEVRON MAKASSAR LTD.

• Makassar Strait Block:

CHEVRON PACIFIC INDONESIA

• Attaka, 1970	4,000-14,000		39.0-42.5
• Bangkirai, 2001	1,500-5,000		15.0-25.5
• Mahoni, 1999	2,000-8,000		17.5-33.0
• Melahin, 1972	4,600-8,600		16.9-29.0
• Pantai, 1982	3,600-4,200		—
• Santan, 1996	8,000-15,800		39.5-42
• Seguni, 1995	5,000-14,200		33.0
• Sejadi, 1998	6,600-8,800		30.0-35
• Sepinggan, 1973	5,000-16,000		24.0-36.5
• Serang, 1973	6,000-16,300		40.0-45.0
• West Seno, 1998	7,300-8,600		39.0
• Yakin Central, 1976	800-8,100		18.5-21.5
Aman, 1974	4,700		39.0
Ami	—		—
Ami North	—		—
Ampuh, 1981	6,000		38.0
Antara, 1978	1,425		36.0
Asih	—		—
Asih North	—		—
Balam South, 1969	1,600		33.0
Balam Southeast, 1972	4,500		29.0
Bangko, 1970	1,950		34.0
Batang CPI	—		—
Batang Siak	—		—
Bekasap South 1968	3,900		34.0
Bekasap, 1955	2,950		—
Benar, 1973	2,450		33.0
Candi	—		—
Cebakan, 1974	4,700		30.0
Cucut, 1981	5,800		33.0
Duri, 1941	770		22.0
Fajar	—		—
Gading	—		—
Genting	—		—
Gulamo	—		—
Hitam, 1975	6,690		39.0
Hiu	—		—
Intan, 1977	3,350		33.0
Jambon	—		—
Jorang, 1972	5,500		38.0
Kelok	—		—
Kerang, 1977	3,900		39.0
• Kerindingan, 1972	6,000-8,000		26.4-27.5
Kirana	—		—
Kopar, 1974	5,300		37.0
Kotabatak, 1952	5,500		29.0
Kulin, 1970	2,050		20.9
Lampu	—		—
Langgak, 1976	1,380		32.0
Libo Southeast (c), 1973	—		—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Libo Southeast, 1973	3,300			• Titi, 1981	6,100		33.0
Libo, 1968	6,000		35.0	• Wanda, 1982	4,800		36.0
Lincak, 1981	2,570		35.0	• Widuri, 1988	3,500		24.0
Lindai, 1971	1,100		32.0	• Yvonne, 1980	5,000		36.0
Menggala North, 1968	3,850		33.0	• Zelda, 1971	6,300		32.0
Menggala South - Rokan, 1968	3,375		34.0				
Menggala South - Siak, 1968	3,375		34.0	CONOCOPHILLIPS (GRISSIK) LTD.			
Minas, 1944	2,600		35.0	Corridor Block PSC:			
Mutiara, 1976	3,500		34.0	Supat, 1984	4,626		33.6
Nella, 1977	5,000		35.0	Rawa, 1985	4,086		37.0
Nusa	—		—	South Rawa, 1985	4,086		37.0
Obor	—		—	Puyuh	—		—
Okil (c)	—		—				
Pager, 1974	4,300		38.0	CONOCOPHILLIPS			
Pelita, 1977	6,600		39.0	South Jambi B Block:			
Pematang Bow, 1969	5,300		33.0	Alur Cimon, 1972	3,098		50.8
Pematang, 1959	3,750		32.0	APP, 1950	701		—
Pemburu, 1981	2,300		35.0	Bago, 1977	2,250		—
Penasa	—		—	Belanak	—		—
Perkebunan, 1977	2,300		29.0	Bentayan, 1932	4,446		22.0
Petani, 1964	4,750		33.0	Bertak, 1988	4,364		27.4
Petapahan, 1971	4,500		28.0	Bijak, 1987	1,705		21.3
Piala	—		—	Geodondong, 1965	3,192		52.0
Piala South	—		—	Grisik, 1986	1,160		—
Pinang, 1971	3,950		30.0	Julo Rayeu, 1968	2,832		53.6
Pinggir South, 1972	3,300		35.0	Keban, 1941	1,358		49.0
Pinggir, 1973	3,300		39.0	Kebon Jaro	—		—
Pudu, 1972	5,950		35.0	Keri, 1985	3,957		41.5
Pukat	—		—	Kluang, 1913	2,591		42.6
Puncak, 1979	2,400		36.0	Le Tabue	—		—
Pungut West	—		—	Mangunjaya, 1934	2,700		32.0
Pungut, 1951	3,400		38.0	Merbau, 1979	600		—
Rangau, 1968	6,100		42.0	Meurant, 1978	750		—
Rantaubais, 1972	1,070		18.0	Panarukan, 1976	4,915		39.4
Reco	—		—	Peudawa, 1980	3,083		48.1
Ronda	—		—	Peureulaw	—		—
Sakti	—		—	Ramba, 1982	3,150		37.0
• Sapi	—		—	Rantau Panjang	—		—
• Sedangdan	—		—	Tanjung Laban, 1982	3,590		38.1
Seruni, 1972	—		—	Tempino, 1931	1,647		40.9
Sidingin	3,000		35.0	Tengah, 1984	3,245		34.7
Sikladi, 1975	—		—	Tualang, 1973	2,631		49.9
Sintong, 1971	4,340		40.0				
Suram, 1971	3,900		32.0	EMP MALACCA STRAIT			
Tandun, 1969	1,750		28.0	Malacca Strait Block:			
Tanggul	3,000		33.0	• Kurau, 1986	4,500-9,000		47.4
Tegar	—		—	• Lalang, 1980	3,100-3,600		39.6
Telinga, 1975	—		—	• Melibur JS, 1984	900-1,300		38.2
Tiang	4,205		33.0	• Mengkapan, 1981	3,850-4,450		42.0
Tilan	—		—	• MSBV, 1993	4,500-9,000		—
Titian	—		—	• Selatan, 1987	3,900-4,500		—
Topas, 1977	—		—				
Tunas	5,200		33.0	ENERGY EQUITY EPIC			
Ubi, 1976	—		—	Sengkang Block:	—		—
Waduk, 1982	4,350		35.0				
				ENI			
CHEVRON RAPAK LTD.				Badak, 1972	4,350-12,600		34.4
Rapak Block:	—		—	Jangkrik Complex	—		—
				Lampake, 1981	7,000-9,000		—
CITIC SERAM ENERGY LTD.				Mutiara, 1984	1,500-8,500	769,000	38.5
Seram Non Bula Block:	—		—	Nilam, 1974	7,300-14,700		33.4
				Pamaguan, 1974	500-6,000		26.8
				Semberah, 1974	2,000-8,500		30.0
CNOOC SES LTD.							
Southeast Sumatera Block:				JOB PERTAMINA-GOLDEN SPIKE			
• Cinta, 1970	3,500		34.0	Raja & Pendopo Block:			
• Duma, 1983	2,300		16.0	Tanjung Kurung	—		35.0
• Farida, 1982	7,000		32.0				
• Gita, 1972	5,000		33.0	JOB PERTAMINA PETROCHINA EAST JAVA			
• Indri, 1989	3,500		34.2	Tuban Block:			
• Intan, 1987	3,200		32.0	Mudi, 1994	8,516		37.4
• Intan Northeast, 1987	3,300		32.6				
• Karmila, 1983	4,650		36.0	JOB PERTAMINA PETROCHINA			
• Kitty, 1971	2,700		18.0	Salawait Kepala Burung Block:			
• Krisna, 1976	4,500		37.0	Matoa, 1991	9,412		31.4
• Nora, 1973	2,800		29.0	SWO, 1996	9,577		51.5
• Rama, 1974	3,200		31.0				
• Selatan, 1978	2,800		20.0				
• Sundari, 1981	4,400		25.0				

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Kepala Burungk Block:							
Arar Gas (c), 1977	8,748		50.0	Cemara Selatau, 1975	3,965		32.6
Cenderawasih, 1976	3,226		26.7	Gonar	3,238		31.4-48.9
Jaya, 1973	2,843		39.6	Kandang Haui Timur, 1979	7,546		34.5-38.5
Kasim, 1972	3,031		36.5	MB STR, 1985	10,400		37.1-40.0
Kasim Barat, 1975	4,129		34.5	Paskcerang	5,479		31.0
Kasim Utara, 1973	4,832		25.7	Pegaden, 1986	6,890		25.2-42.0
Klalin, 1990	8,460		43.5	Randegan, 1973	5,578		31.2-46.6
Klalin (c), 1986	8,025		55.0	Rengasdengiok	5,563		36.8
Moi, 1979	4,372		16.2	Sindang, 1988	4,921		39.1-56.1
Walio Kais, 1973	2,337		34.3	Tugu Barat, 1979	3,014		29.3-42.7
Walio Text II, 1973	2,268		34.3	Waled Utata, 1978	5,119		—
Walio"U", 1975	2,284		34.3	Other, 1973	6,850		25.0-39.6
JOB PERTAMINA TALISMAN (JM)				PRABUMULIH:			
Jambi Merang Block:							
Andan, 1950	2,507		36.0	Batu Keras, 1903	1,950		45.0-46.0
Betung, 1966	4,003		42.0	Benakat Timur Blok Selatan, 1973	4,167		33.0-36.0
Belimbing	1,522		35.0	Benakat Timur Blok Tengah	4,154		33.0-36.0
Bungin Batu	9,679		47.8	Benngin	7,218		29.0-30.8
Ketaling Timur, 1985	3,432	18.0-28.0		Benuang	5,383		33.0
Lirik, 1939	1,633		34.0	Gunung Kemala, 1941	5,548		30.7-49.6
Molek, 1956	2,600		34.0	Jirak, 1930	2,093		34.0-37.0
North Pulai, 1941	1,800		34.0	Kampung Minyak, 1896	2,005		45.0-46.0
Setiti Tenggara, 1960	1,837		34.0	Kruh North, 1935	4,652		41.7
Sungai Lilin, 1964	2,690	24.0-38.0		Kuang, 1940	5,249		25.0
South Pulai, 1941	1,800		34.0	Lempak, 1940	—		—
Tuba Obi	5,046		34.0	Musi, 1985	2,717		27.4
JOB PERTAMINA TALISMAN (OGAN KOMERING)				Ogan Timur, 1936			
Ogan Komering Block	—		—	Pandan, 1993	6,718		25.5-46.7
JOB PERTAMINA-MEDCO TOMORI SULAWESI				Prabumulih Barat, 1953			
Senoro-Tolli Block	—		—	Sopa, 1997	5,905		35.5-36.2
KALREZ PETROLEUM (SERAM) LTD.				Suban Jeriji, 1905			
Bula Block:				Sukaraja, 1934	7,379		22.5
• Bula, 1897	280-1,900		24.0	Sungai Taham, 1904	1,980		45.0-46.0
KANGEAN ENERGY				Talang Akar, 1922			
Kangean Block	—		—	Talang Jimar, 1937	4,123		27.3
MEDCO E&P INDONESIA (RIMAU)				Tanjung Miring Barat, 1938			
Rimau Block	—		—	Tanjung Tiga Barat, 1948	7,888		26.0-32.2
MEDCO E&P INDONESIA (S&C SUMATRA)				Tanjung Tiga Timur, 1940			
S&C Sumatra Block	—		—	Tepus, 1997	10,171		26.9
MEDCO E&P INDONESIA (TARAKAN)				RANTAU:			
Tarakan Island Block:				Arubay, 1927	1,909		45.3-50.3
Juata, 1926	1,278-3,600		19.0-20.5	Gebang, 1977	2,917		42.5-59.7
Mengatal, 1938	1,050-5,250		19.0-32.0	Kuala Dalam, 1983	3,872		48.7-51.1
Pamusian, 1906	213-2,772		18.0-19.0	K. Simpang Barat, 1971	3,740		40.3-53.7
Sesanip, 1938	750-1,050		19.0-20.0	P. Tabuhan Barat, 1937	3,350		47.3-55.8
MOBIL CEPU				P. Tabuhan Timur, 1968			
Cepu Block:				Perapen, 1992	4,659		50.6
Kawengan, 1926	2,000		32.5-35.9	Polonia, 1988	9,010		45.0
Ledok, 1893	1,380		33.9-40.9	Pulau Panjang, 1928	3,300		41.3-50.9
Nglobo, 1986	1,182		37.3-42.3	Rantau, 1929	2,764		44.4-52.3
Semanggi, 1986	1,200		37.3-39.7	Serang Jaya, 1926	3,701		46.9-59.7
Tinawun, 1926	656		—	Sungai Buluh, 1984	3,701		51.5-52.0
Wonocolo, 1926	656		32.5-37.9	SANGATTA:			
MONTD'OR OIL				Bunyu Nibung, 1901			
Tungkal Block	—		—	Sangatta, 1936	2,600		—
OPHIR INDONESIA				Tapian Timur, 1967			
Bangkani Block	—		—	Warukin Setaban, 1966	3,250		—
PERTAMINA				Warukin Tengah, 1958			
KARANGAMPEL:				SORONG:			
Camaya Selatan, 1980	8,202		26.6-38.3	Klamono, 1936	574		19.0
Camaya Utara, 1930	8,202		25.5-38.3	Salawati-0, 1977	—		58.0
Cemara Barat/Timur, 1979	7,070		29.9-39.7	Wiriagar, 1984	3,500		39.7
PERTAMINA HULU ENERGI				Pertamina Hulu Energi			
Kampar Block:							
NSB/NSO Block:							
Onwj Block:							
Siak Block:							
• West Madura Offshore Block:							
PT SUMATERA PERSADA ENERGI				West Kampar Block C:			
PEARL OIL (SEBUKU)				Sebuk Block:			
• Jambi EOR							

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
PETROCHINA INTERNATIONAL (BANGKO)			
Bangko Block:	—	—	—
PETROCHINA INTERNATIONAL JABUNG LTD.			
Jabung Block:			
• Makmur, 1996	3,954	50.1	—
• North East Betara, 1995	4,052	57.0	—
• North Geragai, 1995	4,000	48.5	—
• Gemah, 1998	6,500	35.0	—
• North Betara, 1998	6,200	34.0	—
PETROGAS			
Basin Block:	—	—	—
PETRONAS CARIGALI			
Ketapang Block:			
• Bukit Tau	—	—	—
PETROSELAT LTD.			
Selat Panjang Block:			
• Selat Panjang, 1994	—	—	—
PREMIER OIL			
South Natuna Sea Block:			
• Belida, 1989	4,300-5,000	46.6	—
• Kapap KF, 1984	2,875	51.0	—
• North Belut	—	—	—
• Sembilang, 1994	4,000-4,700	37.0	—
PT HEXINDO GEMILAND JAYAPT			
Lemang Block C:	—	—	—
SAKA INDONESIA PANGKAH			
• Pangkah Block:	—	—	—
• Ujung Pangkah, 1998	—	—	—
SANTOS (SAMPANG)			
Madura Block:			
• Madura KE-2, 1978	3,370-4,080	34.8	—
• Madura KE-23, 1987	6,700-8,350	—	—
• Madura KE-5	—	—	—
Sampang Block:	—	—	—
SARANA PEMBANGUNAN			
Riau Block:	—	—	—
SELE RAY			
All fields	—	—	—
STAR ENERGY (KAKAP) LTD.			
Kakap Block:			
• Kakap KG, 1978	4,500	45.0	—
• Kakap KH, 1980	6,350	43.0	—
• Kakap KRA, 1991	5,200	43.0	—
TATELY NV			
Palmerah Block:	—	—	—
TARA BUMI PETROLEUM			
All fields	—	—	—
TOTAL SA INDONESIA			
Mahakam Block:			
• Bekapai, 1972	4,600-15,600	40.0	—
• Handil, 1974	2,900-19,200	33.0	—
• Peciko	—	—	—
• SisiNubi	—	—	—
• South Mahakam	—	—	—
• Tambora-Tunu (c), 1985	8,001-13,000	55.0	—
VIRGINIA INDONESIA			
Sanga-Sanga Block:			
• Anggana, 1903	230-2,772	25.0-29.0	—
• Kutai Lama North, 1938	426-5,637	27.0-33.0	—
• Kutai Lama South, 1902	1,640-2,953	25.0-30.0	—

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Louise Central, 1898	102-1,898	—	25.0-30.0
Louise North, 1902	62-2,264	—	25.0-29.0
Louise South, 1897	82-2,379	—	25.0-30.0
Maura, 1902	869-2,297	—	25.0-29.0
Nonny, 1975	295-3,248	—	27.0-31.0
T. Una, 1936	163-2,297	—	27.0-29.0
Wailawi (c), 1974	2,600-4,800	—	32.0
Total Indonesia		769,000	

IRAN

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
NIOC			
Azadegan	—	—	—
• Ab-e-Teymour, 1967	10,500	—	32.6
• Abouzar, 1969	2,800	—	26.0
• Abu Zar	—	—	—
• Agha Jari, 1936	7,440	—	34.0
• Aghar (c), 1974	—	—	—
• Ahwaz/Asmari, 1958	8,150	—	32.0
• Bahregansar, 1960	9,000	—	30.0
• Balal, 1967	—	—	—
• Bangestan	—	—	—
• Bibi Hakimeh, 1961	4,570	—	29.9
• Binak, 1959	10,440	—	29.9
• Binak, 2002	—	—	—
• Cheshmeh Khush, 1967	10,700	—	29.0
• Chillingar, 1974	3,500	—	36.6
• Dalan (c), 1976	—	—	—
• Danan, 1971	—	—	—
• Dehloran, 1972	11,900	—	35.5
• Dorood, 1961	11,000	—	34.0
• Farsi-B	—	—	—
• Ferdous, 1976	—	—	—
• Forozan, 1966	7,000	—	28.5
• Gachsaran, 1937	3,400	—	32.0
• Ghalehmar	—	—	—
• Gulkhari, 1964	—	—	—
• Golshan	—	—	—
• Haft Kel, 1927	1,980	—	31.1
• Hendijan, 1968	11,000	—	—
• Henjam, 1975	—	—	43.5
• Kangan (c), 1973	—	—	—
• Karanj/Parsi, 1963	5,360	—	34.4
• Karoon, 1970	—	—	—
• Kupal, 1965	10,500	—	32.0
• Lab-e Safid, 1968	4,350	—	35.3
• Lali, 1948	5,500	—	24.0
• Maleh Kuh, 1968	—	—	—
• Mansuri, 1963	7,100	—	27.5
• Marun, 1963	9,400	—	34.0
• Masjid-e Suleiman, 1908	1,600	—	40.0
• Mobarak	—	—	—
• Naft Safid, 1938	5,000	—	44.5
• Naft-Shahre, 1923	2,000-3,000	—	43.0
• Nar (c), 1975	—	—	—
• Nargesi, 1975	—	3,190,000	—
• North Pars	—	—	—
• Nosrat, 1986	8,250	—	32.6
• Par-e Siah, 1964	4,250	—	31.7
• Parsi, 1964	4,670	—	33.9
• Paydar, 1979	—	—	—
• Pazanan (c), 1936	—	—	—
• Pazanan, 1961	7,250	—	35.0
• Rag-e Safid, 1964	7,230	—	28.8
• Ramin, 1966	12,200	—	32.9
• Ramshir, 1962	8,750	—	27.8
• Resalat, 1969	7,650	—	34.0
• Reshadat, 1966	7,000	—	34.4
• Salman, 1965	7,500-8,100	—	34.0
• Sarkan, 1969	—	—	—
• Sarkhun (c), 1973	—	—	—
• Shadegan, 1989	7,850	—	35.6
• Sirri-A	—	—	—
• Sirri-C, 1973	7,050	—	31.0
• Sirri-D, 1978	8,000	—	31.0
• Sirri-E	—	—	—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
• South Pars	—	—	—
Sulabedar, 1971	3,400	—	39.5
• Tabnak, 1999	—	—	—
West Paydar, 1979	—	—	—
Zagheh	—	—	—
Zilae	—	—	—
SHELL IRAN			
• Nowruz, 1966	8,200	—	21.0
• Soroosh, 1962	7,000	—	19.0
Total Iran		3,190,000	

IRAQ

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
ENI			
Zubair	—	477,891	—
EXXONMOBIL/SOUTH OIL COMPANY			
West Quram I	—	—	—
DNO ASA			
Tawke, 2006	—	—	—
GAZPROM			
Badra	—	—	—
INOC			
Abu Ghurab, 1971	9,800	—	24.0
Ajl	—	—	—
Ain Zalah, 1939	5,200-6,500	—	31.0
Amara	—	—	—
Az-Zubair	—	—	—
Bai Hassan, 1953	4,800-5,400	—	34.0
Balad, 1983	6,000-7,000	—	25.0
Butmah, 1953	3,900	—	31.0
Buzurgan, 1970	12,000	—	24.0
East Baghdad, 1975	6,000-7,000	—	23.0
Halfaya	—	—	—
Hamrin, 1973	2,000	—	30.0
Jabal Fauqui, 1974	10,000	—	25.5
Jambur, 1954	5,500-12,500	—	38.0
Khabbaz	—	—	—
Kirkuk, 1927	2,800-4,200	—	36.0
Luhais, 1961	8,200	—	33.0
Naft Khanah, 1909	3,500	—	42.5
Nahr Umar, 1949	8,200	—	42.0
Qaiyarah, 1929	650	—	16.0
Rumaila North, 1958	10,300	—	33.0
Rumaila South, 1953	10,200	—	34.0
Suffayah, 1978	3,900	—	25.0
Subba	—	—	—
Tuba	—	—	—
West Tikrit, 1985	8,200	—	23.0
Zubair, 1949	10,200	—	35.0
TAQ TAQ OPERATING CO (TTOPCO)			
Taq Taq	—	—	—
Total Iraq		4,780,000	

ISRAEL

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
LAPIDOTH			
Heletz-Brur, 1955	5,200	—	29.4
Luxi	6,000	—	29.0
Meged	14,300	—	47.0
NOBLE ENERGY (CHEVRON)			
• Tamar (c), 2009	—	—	—
Total Israel		1,000	

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
ITALY			
ENI			
Amelia	—	0	—
Anglea-Angelina	—	0	—
Antonella	—	1	—
Armatella	—	893	—
Bronte-S. Nicola	—	56	—
Caviaga	—	0	—
Cervia-Arianna	—	4	—
David	—	1	—
Emilio	—	3	—
Fiumetto-Masseria Vecchia ..	—	63	—
Gagliano	—	73	—
• Gela, 1956	10,827	4,016	9.8
Giaurone, 1982	10,170	1,904	9.8
• Perla, 1976	7,874	120	14.6
Pisticci, 1960	6,980	21	15.4
Pizzo Tamburino	—	19	—
Ponte-Drillo, 1958	9,514	209	15.5
• Prezioso, 1982	15,748	1,013	18.9
Ragusa, 1954	4,593	163	19.3
Torrente Tona, 1963	4,101	243	29.8
Treccate/Villafortuna, 1984 ..	18,044	383	43.3
Treviso	—	1,263	—
Val Dagri	—	68,165	—
*ENI's production includes NGL.			
EDISON GAS			
• Rospo Mare, 1975	4,300	—	11.0
• Sarago Mare, 1979	4,350	—	8.0
• Vega, 1980	8,500	—	16.0
Total Italy*		78,613	
* Includes NGL			

IVORY COAST

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
CANADIAN NATURAL RESOURCES			
• Baobab, 2001	9,000	—	22.5
• Espoir East, 1979	6,700-8,200	—	33.0
• Espoir W.	1,980	—	—
AFREN			
• Lion, 1994	11,290	—	35.5
• Panthere (c), 1994	10,875	—	52.5
FOXTROT INTERNATIONAL		8,629	
• Abidjan	—	—	26.0
• Foxtrot (c), 1981	7,313	—	50.7
PETROCI			
• Belier, 1975	—	—	—
Total Ivory Coast		30,000	

JAPAN

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
JAPEX			
Amarume, 1960	—	—	—
Ayukawa, 1989	—	—	—
Higashi-Niigata (c), 1959 ..	4,500-9,200	—	53.9
• Iwafune-Oki, 1983	5,050-8,660	—	—
Katakai (c), 1960	3,310-16,300	—	50.0
• Sarukawa, 1958	2,000-3,200	—	32.3
Yoshii (c), 1968	8,000	—	61.8
Yufutsu, 1988	13,100-15,800	—	43.0
Yurihara, 1976	1,310-7,610	—	43.5
Other	—	—	—
INPEX			
Higashi-Kashiwazaki, 1970 ..	6,000-8,900	—	62.0
Kubiki, 1959	1,100-6,400	—	29.7
Minami-Aga, 1964	7,300-9,600	—	38.5

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Minami-Nagaoka, 1984	13,200-15,100		55.7
Yabase, 1933	1,100-5,800		33.0
Total Japan		11,500	

JORDAN

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
NRA			
Hamzah, 1984	9,500	—	29.0
Total Jordan		—	

KAZAKHSTAN

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
ENI			
Karachaganak, 1979	16,400	220,928	42.0
*ENI production figures include NGL			
CNPC			
Aktobemunaigas	—	—	—
Aryskum, 1988	3,937	—	—
Kumkol	—	—	—
Kumkol S., 1984	3,300-4,600	42.0	—
Kyzylkiya, 1988	5,249	—	—
Maibulak, 1988	4,593	—	—
Mangistaumunaigas	—	—	—
North Buzachi	3,000	—	—
North Nurali, 2002	7,546-11,647	—	—
South Kumkol, 1992	4,593	—	—
Uzenmunaigas	—	—	—
Zhanazhol	—	—	—
JSC KARAKUDUKMUNAI			
Karakuduk, 1971	—	—	—
KAZGERMUNAI			
Akshabulak, 1988	—	—	—
Nurali/Aksai	—	1,702,072	—
NORTH CASPIAN OPERATING CO.			
Kashagan	—	—	—
OMV			
Akts	—	—	—
Komsomolskoe	—	—	—
Tasbulat	—	—	—
Turkmenoi	—	—	—
SHELL KAZAKHSTAN			
Arman, 1980s	1,100-1,300	—	—
TENGIZCHEVROIL			
Korolev	—	—	—
Tengiz, 1979	14,700	44.0	—
TOTAL			
Dunga	—	—	—
TURGAI			
Kumkol North	—	—	—
OTHER			
Kazakhoil-Aktobe	—	—	—
Saigak	—	—	—
Total Kazakhstan*		1,923,000	
* Includes NGL			

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
KUWAIT			
KOC			
Ahmadi, 1952	4,800	—	31.7
Bahra, 1956	8,500	—	—
Burgan, 1938	4,800	—	30.8
Magwa, 1951	4,800	—	33.0
Minagish, 1959	10,000	2,950,000	34.4
Raudhatain, 1955	8,600	—	34.4
Sabriya, 1957	8,300	—	36.3
Umm Gudair, 1962	9,000	—	26.9
Total Kuwait		2,950,000	

KYRGYZSTAN

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Beshkent-Togap, 1976	5,249	—	31.0
Changyrtash, 1932	1,608-1,804	—	32.0-34.0
Chaur-Yarkutan-Chimion, 1904	948-1,148	—	31.0-31.7
Chigirchik, 1976	3,281	—	33.0
Chongara-Gal'cha, 1949	1,312-1,509	1,000	31.0
Izbaskent, 1972	6,440-7,874	—	33.5-34.0
Maylisay, 1901	1,640	—	31.5
Maylisu III, 1962	2,133-2,379	—	33.0-34.0
Maylisu IV-Izbaskent E., 1948	3,822-4,692	—	31.0-43.0
Total Kyrgyzstan		1,000	

LIBYA

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
ENI			
Bahr Essalam	—	47,987	—
Bouri, 1976	8,300	28,201	26.1
Bu Attifel, 1968	14,000	65,943	40.7
El Feel	—	75,923	—
KK	—	3,200	—
OO-82, 1985	11,500	2,307	37.1
Rimal	—	1,408	36.6
UU-82, 1990	15,100	1,898	41.3
Wafa	—	44,184	—
XX-82, 1992	15,700	1,378	41.7
YY-82	—	1,103	—
*ENI production figures include NGL			

ARABIAN GULF OIL CO

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Sarir, 1961	8,200-8,400	—	37.0-38.7
Messla, 1971	8,550	—	38.0
Nafoora Augila, 1965	8,700	—	35.5

HAROUGE OIL

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Amal, 1959	3,180-11,130	—	34.0-39.0
En Naga North, 1997	5,000-7,000	—	42.0-48.0
En Naga W.	—	—	—
Farigh, 1969	11,500	—	42.6
Ghani, 1978	2,940-5,070	—	35.0-41.0
Tibisti, 1962	4,880-7,250	—	33.0-35.0

LNOC

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Ali, 1975	3,000	—	51.0
Almas, 1974	3,100	—	52.0
Ar Rachmat, 1976	4,770	—	36.0
As Sarah	—	—	—
Aswad, 1965	9,540	—	49.0
Balat, 1964	4,440-4,880	—	32.0-35.1
Beda, 1959	3,000-3,500	—	32.0-36.5
Belhedan, 1962	6,500	—	35.1
Bualawn, 1971	6,000	—	40.0
Bu Mras, 1966	2,280	—	42.0
Choboc, 1971	2,960	—	50.7
Daba, 1975	4,550	—	37.0
Dahra, 1958	2,090-2,480	—	39.8-42.5
Dor Mansour, 1967	5,800	—	32.5
Ed Dib, 1964	3,350	—	35.0
El-Meheiriga, 1970	10,300	—	45.0
Etella, 1977	6,420-8,400	—	35.0-37.0

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Facha, 1963	2,450-4,200		33.0-35.0
Farrud, 1964	2,250		42.0
Fidaa, 1978	5,100		42.0
Ghazzun, 1974	5,090-7,250		34.0-36.0
Gsur, 1978	4,670		37.0
Hakim, 1978	5,700		48.0
Hamada NC5, 1961	6,880-7,440		37.4-41.7
Hamada NC8, 1959	1,250-3,200		37.0-42.0
Harash, 1961	6,930		35.9
Jebel, 1962	1,510-7,100		36.7-37.5
Jofra, 1974	2,660-2,700		29.2-47.0
Khalifa, 1961	4,530-6,550		32.5-38.3
Kotla, 1963	5,100		34.0
Lehib Dor Marada, 1965	8,540		52.0
Mabruk, 1959	2,800		36.2
Magid, 1968	9,200-9,960		35.5-40.0
Masrab, 1961	2,440-9,960		26.4-40.6
Meghil, 1961	5,470		32.5
Mellugh, 1974	3,420		35.0
Nafoora Non-unit, 1965	2,150-10,000		31.0-39.6
Nasser, 1959	5,050-7,120		36.8-38.5
Rakb, 1967	2,400-9,330		36.0-41.8
Ralah, 1964	7,220		37.0
RR-82, 1994	13,700		38.0
Sabah, 1964	4,600		43.0
Safsaf, 1985	6,200		50.0
Sahabi-D, 1968	10,050		39.0
Samah, 1961	5,610		33.4
Shatirah, 1992	9,130		37.5
Tmed, 1974	5,090		39.0
Wadi, 1970	11,600		48.0
Zaggut, 1961	5,880		34.2
Zella, 1960	5,500		41.0
Zenad, 1980	5,260		38.0
REPSOL			
NC186	—		40.5
El Sharara	—		—
SIRTE OIL CO			
Assumud	—	848,468	—
Attahadi	—		—
Raguba, 1961	5,250		42.5
TOTAL			
• Al Jurf, 1975	7,217		32.0
• Mabruk	—		—
WAHA OIL CO.			
Bahi, 1968	2,590-4,900		40.6-43.4
Defa, 1959	4,980-5,300		35.6-36.5
Gialo, 1961	1,940-10,290		25.8-39.4
Samah	—		—
Waha, 1960	6,050-6,140		35.4-38.4
WINTERSHALL			
As-Sarah, 1989	12,150		37.0
Hamid, 1967	9,630		43.0
Jakhira, 1969	12,150		33.0
Nakhla, 1970	12,150		43.0
Tuama, 1979	14,150		36.0-40.5
ZUEITINA OIL CO			
Intisar, 1967	4,800-9,810		25.8-51.4
Zueitina	—		—
Total Libya		1,122,000	
* includes NGL			

LITHUANIA

All fields	—	2,000	—
Total Lithuania		2,000	

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
MALAYSIA			
EXXONMOBIL E&P MALAYSIA INC.			
• Guntong, 1978	5,200		44.0
• Irong Barat, 1979	3,300		35.0
• Palas, 1979	6,300		49.0
• Seligi, 1971	4,300		50.0
• Semangkok, 1980	3,700		42.5
• Tabu, 1978	5,600		44.0
• Tapis, 1975	6,700		45.0
• Raya, 1990	4,300		50.0
LUNDIN			
• Bertram	—		—
MURPHY			
• Congkak, 2002	—		—
• Kikeh, 2002	4,425		—
• West Patricia, 2001	3,000		37.0
PETRONAS CARIGALI			
• Bekok, 1976	5,500		47.0
• Kepong, 1979	6,000		47.0
• Pulau, 1973	4,300		42.3
• Tinggi, 1980	4,400		48.0
• Trong, 1978	5,800		47.0
• Duland, 1981	4,200		35.0
• Erb West, 1971	6,785		30.0
• Samarang, 1972	5,700	655,000	37.0
• Tembungo, 1971	6,000		40.0
PETRONAS CARIGALI/SARAWAK SHELL			
• Bakau, 1971	9,390		38.0
• Baram, 1963	6,760		43.0
• Baronina, 1967	7,900		42.0
• Betty, 1967	7,900		38.0
• Bokor, 1972	2,000		35.0
• Fairley Baram, 1973	8,655		39.5
• Siwa, 1973	4,100		25.0
• Tukai, 1966	5,000		29.2
• West Lutong	—		39.5
SABAH SHELL			
• Barton, 1984	2,400		37.0
• Ketam, 1977	4,980		30.0
• South Furious, 1974	3,300		30.0
• St. Joseph, 1975	2,200		32.0
SARAWAK SHELL			
• Bayan, 1976	4,200		37.3
• D-18, 1981	4,000		39.9
• D-35, 1983	6,500		38.0
• Gumusut	—		—
• Temana, 1972	3,100		35.0
TALISMAN			
• S. Angsi	—		—
TML			
• Bunga Raya	—		—
• Bunga Tulip	—		—
Total Malaysia		655,000	

MAURITANIA

PETRONAS			
• Chinguetti, 2001	—	5,000	—
• Tiof	—		—
Total Mauritania		5,000	

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
MEXICO			
PEMEX			
MARINE:			
• Akal-Nohoch, 1976	8,528	159,300	21.5
• Chac, 1994	11,513		20.0
• Kutz	—		—
• Ku, 1979	10,000	842,700	20.8
• Zaap	—		—
• Maloob	—	—	—
• Abkatun-Pol-Chuc, 1978	11,800	184,000	29.4
• Litoral de Tabasco	—	198,800	—
• Ayatsul	—	—	—
• Bacab, 1991	10,332	—	20.4
• Balam	—	—	—
• Batab, 1986	13,120	—	30.0
• Bolontiku	—	—	—
• Caan, 1985	12,136	—	35.3
• Ek, 1991	13,612	—	28.2
• Homol	—	—	—
• Ixtal	—	—	—
• Ixtoc, 1974	11,808	NA	32.5
• Kab	—	—	—
• Kax	—	—	—
• Kuli	—	—	—
• May (c)	—	—	—
• Onel	—	—	—
• Others	—	—	—
• Others (c)	—	—	—
• Otros	—	—	—
• Sihil, 1976	8,528	—	21.5
• Sinan	—	—	—
• Taratunich, 1990	11,559	—	24.7
• Tsimin	—	—	—
• Xanab	—	—	—
• Xux	—	—	—
• Yaxche	—	—	—
NORTHERN:			
Poza Rica PR, 1930	17,000	41,000	30.4
Aceite Terciario del Golfo	—	24,300	—
Veracruz	—	22,300	—
Burgas	—	3,000	—
Acuatempa, 1955	4,085	—	17.0
Agua Fria, 1978	6,232	—	16.8
Angostura, 1954	4,100	—	17.2
Arenque, 1970	11,362	—	34.7
Atun, 1966	9,040	—	24.9
Bagre, 1973	10,919	—	23.1
Bedel	—	—	—
Cerro Azul, 1938	1,804	—	17.8
Coapechapa	—	—	—
Corralillo	—	—	—
Coyula	—	—	—
E. Ordonez, 1952	5,220	—	17.0
Ebano	—	—	—
Ebano	—	—	—
Eltreinta	—	—	—
Escolin, 1942	7,216	—	19.7
Gasifero	—	—	—
Haliazgo, 1955	10,170	NA	23.1
Jillapa, 1958	7,390	—	11.4
Marsopa, 1974	10,193	—	18.9
Mecatepec, 1941	7,544	—	19.7
Miquetia, 1959	6,480	—	29.7
Muro, 1965	3,965	—	14.4
Nejo (c)	—	—	—
Ocotepc, 1953	3,737	—	17.0
Others	—	—	—
Panuco, 1901	1,968	—	12.1
Perdiz	—	—	—
Pitepec	—	—	—
Presidente Aleman, 1949	8,036	—	22.3
Remolino, 1962	10,745	—	22.3
San Andres, 1956	10,410	—	20.3
Santa Agueda, 1953	4,780	—	14.0
Soledad	—	—	—
Tajin	—	—	—

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Tamaulipas/Constituciones, 1956	4,200	—	17.0
Tierra Blanca	—	—	—
Toteco Cerro Azul	—	—	—
Tres Hermanos, 1959	8,960	—	26.9
SOUTHERN:			
Bellota/Jujo, 1982	17,056	58,200	41.3
Cinco Presidentes, 1960	8,862	41,500	33.5
Samaria	—	82,100	—
Macuspana-Muspac, 1982	9,676	26,400	38.0
Agave, 1977	13,450	—	35.3
Ayocote	—	—	—
Bacal, 1976	3,500	—	38.5
Blasillo, 1967	7,216	—	46.3
Bricol	—	—	—
Cactus, 1972	14,100	—	36.8
Caparroso/Piije-Escuintie, 1982	18,040	—	35.8
Cardenas, 1979	17,548	—	35.4
Carmito, 1980	10,050	—	37.4
Chiapas-Copano (c)	—	—	—
Chinchorro	—	—	32.7
Comoapa, 1979	14,432	—	47.3
Concepcion, 1974	1,600	—	30.5
Copano, 1977	11,890	—	38.7
Costero	—	—	—
Cuichapa, 1935	2,200	—	32.9
Cunduacan, 1974	13,775	—	38.4
Eden, 1983	17,580	—	29.9
El Golpe, 1963	3,500	—	36.9
El Plan, 1931	1,700	—	50.0
Fenix, 1979	17,876	—	40.0
Fortuna Nacional, 1927	6,560	—	43.1
Giraldas, 1977	15,225	—	30.2
Guaricho	—	—	—
Iride, 1974	13,775	—	—
Jacinto, 1987	19,680	—	31.8
Jolote, 1983	18,119	—	38.4
Jujo - Tecominoacan, 1982	19,519	—	—
Lacamango, 1973	1,700	—	44.0
Los Soldados, 1953	4,492	NA	17.3
Madrefil	—	—	—
Magallanes/Tucan/Pajonal	—	—	—
Moloacan, 1962	500	—	54.2
Mora, 1981	18,204	—	29.1
Mundo Nuevo, 1977	11,800	—	53.7
Muspac (c)	—	—	—
Nispero, 1974	14,100	—	28.6
Oaxiacaque, 1977	11,150	—	38.5
Ogarrio, 1957	5,790	—	—
Otates, 1965	7,469	—	37.1
Paredon, 1978	15,690	—	39.7
Pijije	—	—	37.7
Platanal, 1978	15,900	—	30.8
Puerto Ceiba	—	—	41.3
Rabasa	—	—	—
Rio Nuevo, 1975	14,950	—	33.2
Rodador, 1971	11,398	—	35.4
S. Magallanes, 1957	4,240	—	33.0
Samaria/Luna, 1987	17,384	—	38.6
San Ramon, 1967	9,515	—	31.5
Santuario, 1966	9,617	—	34.2
Sen, 1986	18,204	—	—
Sini	—	—	—
Sitio Grande, 1972	13,766	—	34.9
Sunuapa, 1976	12,887	—	30.3
Teotieco	—	—	—
Terra	—	—	—
Tizon	—	—	—
Topen, 1978	11,172	—	27.9
Tupilco	—	—	—
Vernet, 1954	3,608	—	29.0
Yagual	—	—	28.8
Other (c)	—	—	—
Others	—	—	—
Condensate (c)	—	23,000	—
Natural gas liquids	—	219,000	—
Total Mexico*		1,925,600	

*Includes NGL.

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
MONGOLIA			
SINOPEC			
Tsagaan-Els, 1953	—	—	—
Zuunbayan, 1941	2,460	—	23.0-28.0
Total Mongolia		—	
MOROCCO			
OFFICE NATIONAL DES HYDROCARBURES ET DES MINES			
Meskala (c), 1976	10,500	—	65.0
Sidi Fili, 1951	4,590	—	39.0
Sidi Rhalem 2, 1962	6,722	—	39.0
Total Morocco		—	
MYANMAR			
MYANMA			
Chauk-Lanya, 1902	1,500-4,000	—	36.0
Mann, 1970	1,600-1,700	—	37.5
Myanaung, 1964	2,000-4,000	—	40.5
Prome, 1965	850-5,000	—	36.0
Yenangyaung, 1902	100-6,700	—	36.0
PETRONAS		11,000	
• Yetagun (c), 1992	6,400	—	47.0
TOTAL			
• Yadana (c)	—	—	—
Total Myanmar		11,000	
NETHERLANDS			
ABU DHABI NATIONAL ENERGY CO. PJSC (TAQA)			
• Rijn (P15a & P15b), 1982 ..	6,500	446	35.0
DANA PETROLEUM			
Hanze (F02a), 1996	—	2,361	—
De Ruyter (P11b), 1996	—	1,260	—
NAM			
Oud-Beijerland Noord (Botlek), 1984	—	3	—
Berkel (Rijswijk), 1951	—	1,761	—
Rotterdam (Rijswijk), 1984 ..	—	—	—
Schoonebeek, 1943	2,500	5,360	25.0
NEPTUNE			
F03b, 1974	—	806	—
Q13a	—	2,299	—
PETROGAS			
• Haven (Q01), 1980	5,300	974	25.5
• Helder (Q01), 1980	4,800	—	21.6
• Horizon (P09c/P09e/P09f), 1982	6,350	250	33.5
WINTERSHALL			
• Kotter (K18b), 1980	5,618	0	33.0
• Logger (L16a), 1982	6,022	0	33.5
OTHERS			
Condensate*	—	1,496	—
• Condensate*	—	1,446	—
Total Netherlands		18,461	
*Includes NGL			

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
NEUTRAL ZONE			
SAUDI ARAMCO			
• Hout, 1969	4,900-8,800	—	33.0
• Khafji, 1961	4,400-7,300	—	28.2
KOC			
Humma, 1998	—	NA	32.0
S. Fuwaris, 1963	6,300	—	25.0
S. Umm Gudair, 1966	8,900	—	24.3
Wafra, 1953	1,100-7,000	—	18.9-23.5
Total Neutral Zone		NA	
NEW ZEALAND			
AWE			
• Amokura	—	1,151	—
• Pateke	—	—	—
• Tui, 2003	—	—	—
GREYMOUTH PETROLEUM			
Kaimiro/Moturoa, 1982	11,900	0	42.0
Ngatoro-Goldie, 1992	—	411	35.0
Kowhai (c)	—	274	—
Surrey	—	0	—
NEW ZEALAND ENERGY			
Copper Moki	—	137	—
OMV			
Maari-Manala	—	6,685	—
ORIGIN ENERGY			
Kupe	—	2,438	—
Rimu-Kauri, 1999	—	192	—
Turangi	—	795	—
Tariki/Ahuroa, 1986	—	0	—
Waihapa, 1988	—	55	—
SHELL/TODD			
• Kapuni (c), 1959	11,700	877	54.0
• Maui, 1969	11,000	2,411	51.0
SHELL			
Pohokura, 2000	—	6,575	—
TAG OIL			
Cheal	—	1,014	—
TODD TARANAKI LTD.			
Mangahewa	—	986	—
McKee, 1980	7,848-8,251	0	38.5
OTHERS			
All fields	—	137	—
Total New Zealand*		24,137	
*Includes naphtha and NGL			
NIGER			
CNPC			
All fields	—	—	—
Total Niger		—	

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
NIGERIA			
ADDAX PETROLEUM			
• Adanga South	—	—	—
• Adanga Southwest	—	—	—
• Adanga, 1980	8,500	31.9	31.9
• Akam, 1980	6,700	34.0	34.0
• Bogi, 1989	7,500	28.7	28.7
• Ebe	—	—	—
• Ebne	—	—	—
• Ebughu East	—	—	—
• Ebughu Northeast	—	—	—
• Ebughu South	—	29,578	—
• Ebughu, 1983	7,250	23.8	23.8
• Horst North	—	—	—
• Inagha	—	—	—
• Izombe, 1974	8,000	34.3	34.3
• Kita Marine	—	—	—
• Mimbo, 1984	7,500	31.1	31.1
• NDA	—	—	—
• Okwori	—	—	—
• Orno North	—	—	—
• Oron West	—	—	—
• Ossu, 1974	8,000	31.6	31.6
• Ukpam, 1989	5,500	40.6	40.6
BELEMA			
• All fields	—	5,740	—
CHEVRON			
• Abiteye	5,750-9,400	39.7	39.7
• Belema North	—	—	—
• Benin River	—	—	—
• Delta	7,100-10,179	37.3	37.3
• Delta South	5,600-9,500	38.4	38.4
• Dibi	—	—	—
• Ewan	—	—	—
• Funiwa	8,000	—	—
• Gbokoda	—	—	—
• Idama	8,100-11,250	33.4	33.4
• Inda	7,250-11,030	44.8	44.8
• Isan	5,900-9,000	40.4	40.4
• Jisiske	6,300-7,600	41.1	41.1
• Jokka	9,280-9,880	22.7	22.7
• Kito	4,842-8,347	31.1	31.1
• Makaraba	—	—	—
• Malu	4,800-6,300	40.4	40.4
• Mefa	8,570-12,030	38.1	38.1
• Meji	5,200-10,900	31.9	31.9
• Mejo	—	—	—
• Meren	5,000-7,500	31.9	31.9
• Middleton	—	—	—
• Mina	6,700-9,300	40.3	40.3
• North Apoi	8,500	—	—
• Okan	5,500-9,245	38.1	38.1
• Okubie	—	—	—
• Opolo	—	—	—
• Opuekeba	—	—	—
• Parabe/Eko	4,500-8,200	40.4	40.4
• Pennington	11,000	—	—
• Robertkiri	11,484-13,190	40.2	40.2
• Tapa	8,150-10,842	39.5	39.5
• Utonana	7,400-9,165	20.4	20.4
• West Isan	7,825-10,229	40.4	40.4
ENAGEED			
• All fields	—	1,192	—
EXXONMOBIL			
• Abang	—	—	—
• Adua, 1967	6,970	34.8	34.8
• Asabo, 1966	5,600	34.6	34.6
• Asasa, 1981	14,961	39.8	39.8
• Ata, 1964	8,823	—	—
• Awawa	—	—	—
• Bonga North/Northwest	—	—	—
• Edop, 1988	9,215	37.4	37.4

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
• Ekpe, 1966	8,200	—	34.9
• Ekpe-WW, 1977	6,810	—	31.9
• Eku, 1966	5,420	—	30.4
• Enang South	—	—	—
• Enang West	—	—	—
• Enang, 1968	6,600	—	37.4
• Erha/Erha North, 1999	3,900	—	—
• Etim, 1968	6,200	—	37.1
• Idoho North	—	350,966	—
• Idoho, 1966	9,020	—	30.5
• Inanga, 1994	13,275	—	37.6
• Inim, 1966	5,850	—	37.5
• Isobo, 1968	7,345	—	30.4
• Itut	—	—	—
• Iyak SE, 1979	7,441	—	38.6
• Iyak, 1981	11,326	—	37.6
• Mfem, 1968	5,200	—	36.1
• Nsimbo	—	—	—
• Oso, 1967	10,226	—	43.0
• Oyot	—	—	—
• Ubit, 1968	5,400	—	36.1
• Unam, 1967	5,180	—	33.3
• Usari, 1965	8,431	—	—
• Utue, 1966	5,700	—	36.8
• Yoho	—	—	—
• Zafiro, 1995	—	—	—
NIGERIAN AGIP OIL CO.			
• Abo	2,640	—	—
• Agbara, 1981	7,570-13,000	—	38.2
• Afug	—	—	—
• Agwe, 1971	10,700-11,900	—	55.9
• Akri, 1967	10,000-12,000	—	42.2
• Alinso	—	—	—
• Ashaka, 1968	11,600-13,400	—	42.1
• Azuzuama, 1978	14,400-15,100	—	37.5
• Beniboye, 1978	7,800-11,600	—	27.6
• Beniku	—	—	—
• Clough Creek, 1976	9,400-13,000	—	31.6
• Ebegoro South, 1975	14,270-14,410	—	51.0
• Ebegoro, 1975	11,400-14,200	—	34.2
• Ebocha, 1965	9,600-12,600	—	30.2
• Idu	—	—	—
• Irri	—	—	—
• Isoko South	—	—	—
• Kwale East	—	—	—
• Kwale, 1967	8,200-14,100	—	38.0
• M'Bede, 1965	6,900-13,200	—	41.5
• Nimbire South	—	—	—
• Obama, 1964	12,000-16,400	—	29.1
• Obiafu, 1967	10,800-14,000	—	41.5
• Obrikom, 1967	11,400-14,200	—	41.6
• Odugri, 1972	9,500-12,500	—	39.0
• Ogbainbiri, 1989	9,700-16,500	—	26.5
• Ogbogene West, 1981	13,130	—	48.0
• Ogbogene, 1972	11,300-12,800	—	30.6
• Okpai, 1968	10,900-12,900	—	43.4
• Oleh	—	—	—
• Omoku West, 1974	12,800-13,900	—	35.3
• Oshi, 1972	11,500-14,400	—	33.4
• Osimam Creek	—	—	—
• Pirigbene, 1987	13,600-15,800	—	31.6
• Prigbene SE	—	—	—
• Samabiri East	—	—	—
• Taylor Creek, 1985	13,130	—	38.0
• Tebidaba, 1972	8,200-14,500	—	28.0
• Umuoru, 1971	11,900-14,100	—	30.1
PAN OCEAN			
• Adolo	—	—	—
• Asaboro South	—	—	—
• Ogharefe, 1973	9,900	2,811	46.6
• Ologbo	—	—	—
• Ona	—	—	—
• Ossiommo	—	—	—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
SEPLAT							
All fields	—	3,819	—	Utorogo	—	—	—
SHELL							
Abura	—	—	—	Uzere East	—	—	—
Adibawa NE	—	—	—	Uzere West	—	—	—
Adibawa, 1966	11,950	26.4	—	Zara	—	—	—
Afam	—	—	—	TOTAL SA			
Afisere, 1966	8,500	19.6	—	• Afia, 1982	3,780	—	25.6
Afremo, 1972	9,263	36.8	—	• Aghigo, 1972	7,303	—	22.5
Agbada, 1960	10,000	23.9	—	• Akpo (c)	3,609-5,577	—	—
Ahia	—	—	—	• Amenamkpono, 1990	11,480	43.7-47.0	—
Akaso, 1979	13,122	37.1	—	• Edikan, 1989	4,980	28.6	—
Alakiri	—	—	—	• Egina, 2003	—	—	—
Amukpe	—	—	—	• Erema, 1972	11,211	33.6	—
Awoba NW	—	—	—	• Ibewa	—	—	—
Awoba, 1981	—	—	—	• Ibewa (c)	—	112,634	—
Batan	—	—	—	• Ime, 1988	4,450	28.4	—
Belema	—	—	—	• Obagi deep	—	—	—
Benisede, 1973	8,941	21.9	—	• Obagi, 1964	8,377	23.4	—
Bonga	8,200	—	—	• Obodo-Jatumi, 1966	7,656	34.6	—
Bonga SW, 2001	—	—	—	• Odudu, 1977	4,930	35.8	—
Bonny	—	—	—	• Ofon	—	—	—
Bonny North	—	—	—	• Okpoko, 1967	6,745	21.7	—
Cawthorne Chan, 1963	11,000	36.9	—	• Olo, 1988	8,130	37.0	—
Diebu Creek	—	—	—	• Upomami, 1965	6,256	19.0	—
EA, 1965	—	—	—	SA PETROL/TOTAL UPSTREAM			
Egbema	—	—	—	All fields	—	98,132	—
Egbema West	—	—	—	STATOIL			
Egwa, 1967	9,350	34.1	—	All fields	—	177,593	—
Ekulama, 1958	10,483	31.6	—	STERLING (SEPCO)			
Elelenwa, 1960	11,000	35.8	—	OPL 280 Block:	—	—	—
Eriemu	—	—	—	Okwuibome	—	31,377	—
Escravos Beach, 1969	8,176	31.2	—	NEWCROSS			
Etelebou, 1971	12,000	31.3	—	All fields	—	16,726	—
Ewreni	—	—	—	AITEO			
Forcados Yorki, 1968	10,859	24.4	—	All fields	—	30,389	—
Gbaran	—	—	—	EROTON			
Imo River, 1959	7,900	30.3	—	All fields	—	29,227	—
Jones Creek, 1967	80,000	29.7	—	TUPNI			
Kalaekule, 1972	9,236	40.5	—	All fields	—	229,666	—
Kanbo	—	—	—	NATIONAL PETROLEUM DEV. CO.			
Kolo Creek, 1971	12,000	39.1	—	All fields	—	208,775	—
Koma	—	—	—	INDEPENDENTS			
Mini NTA	—	—	—	All fields	—	37,322	—
Nembe Creek East	—	—	—	MARGINAL			
Nembe Creek, 1973	12,213	31.0	—	All fields	—	59,624	—
Nkali	—	—	—	Total Nigeria			
Nun-River, 1960	14,200	32.7	—	2,008,973			
Obea	—	—	—	NORWAY			
Obele	—	—	—	AKER BP			
Oben, 1972	12,036	37.6	—	• Aerfugl	—	3,715	—
Obigbo North, 1963	8,250	23.2	—	• Alvheim, 1998	—	49,418	—
Odeama Creek, 1981	12,897	35.5	—	• Boyla	—	1,812	—
• Odidi, 1967	10,980	36.2	—	• Glitne, 1995	—	0	—
• Ogini	—	—	—	• Hod, 1974	8,860	686	34.0
Oguta, 1965	10,300	43.2	—	• Ivar Aasen	—	53,850	—
• Olomoro, 1963	8,500	21.5	—	• Jette, 2009	—	0	—
Opkushi North	—	—	—	• Skarve, 1988	—	18,383	—
Opomoyo	—	—	—	• Tambar Ost, 1997	13,510	0	—
Opukushi, 1962	7,823	28.3	—	• Tambar, 1982	13,510	3,742	44.6
Oroni	—	—	—	• Ula, 1976	11,800	5,346	35.0
Orubiri	—	—	—	• Valhall, 1978	8,200	35,252	42.0
Otamini	—	—	—	• Vilje, 2003	—	5,068	—
Otumara, 1969	8,176	24.9	—	• Volund, 1994	—	11,099	—
Ovhor	—	—	—				
Oweh	—	—	—				
Saghara	—	—	—				
Santa Barbara	—	—	—				
Sapele, 1969	12,788	42.9	—				
Soku N., 2000	—	—	—				
Soku, 1958	11,500	27.7	—				
Tunu	—	—	—				
Ubie	—	—	—				
Ugada	—	—	—				
Ughelli East, 1959	—	—	—				
Ughelli West	—	—	—				
Umuochem	—	—	—				

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
CNR INTERNATIONAL (UK) LTD.			
• Murchison ¹ , 1975	9,900	0	38.0
CONOCOPHILLIPS			
• Ekofisk, 1971	10,000	96,457	41.1
• Eldfisk, 1979	9,350-10,000	40,064	41.1
• Embla, 1988	13,800	1,501	42.0
• Tor, 1978	10,000	0	38.0
ENI			
• Goliat	—	40,641	—
• Marulk, 1992	—	463	—
EQUINOR ENERGY			
• Aasta Hansteen	—	2,876	—
• Gimle, 2004	—	0	—
• Johan Sverdrup	—	64,163	—
• Trestajj	—	8,964	—
• Troll Brent B	—	0	—
• Utgard	—	3,434	—
FAROE PETROLEUM NORGE AS			
• Oselvar, 1991	—	0	—
• Trym, 1990	—	534	—
LUNDIN			
• Brynhild	—	0	—
• Edvard Grieg, 2007	—	86,113	—
NEPTUNE E&P NORGE AS			
• Gjoa, 1989	—	8,813	—
NORSK SHELL			
• Draugen, 1984	—	19,474	—
• Gaupe, 1985	—	0	—
• Knarr	—	12,045	—
• Orman Lange (c), 1997	—	11,388	—
POINT RESOURCES AS			
• Balder, 1967	—	23,831	—
• Jotun, 1994	—	0	—
• Ringhorne Ost, 2003	—	4,829	—
• Sigyn (c), 1982	—	885	—
REPSOL NORGE AS			
• Blane, 1989	—	240	—
• Gyda, 1981	13,123	849	48.0
• Rev (c), 2001	—	42	—
• Varg, 1984	—	0	—
REPSOL SINOPEC NORTH SEA LTD.			
• Enoch, 1991	—	217	—
SPIRIT ENERGY NORGE AS			
• Oda	—	11,222	—
• Vale (c), 1991	—	620	—
STATOIL			
• Alve, 1990	—	2,009	—
• Asgard, 1981	—	29,787	40.9
• Byrding	—	3,122	—
• Fram H Nord	—	0	—
• Fram, 1992	—	29,573	—
• Gina Krog	—	32,085	—
• Grane, 1991	—	88,190	—
• Gudrun	—	33,988	—
• Gullfaks Sor, 1978	—	25,083	—
• Gullfaks, 1978	—	47,202	—
• Gungne (c), 1982	8,600	477	32.5-35.0
• Heidrun, 1985	7,000	52,146	27.1
• Heimdal (c), 1972	6,950	179	—
• Huldra (c), 1982	—	0	—
• Hyme, 2009	—	0	—
• Kristin (c), 1997	—	7,767	—
• Kvitebjorn (c), 1994	—	13,615	—

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
• Mikkel (c), 1987	—	4,183	—
• Morvin, 2001	—	6,837	—
• Njord, 1986	9,350	0	35.0
• Norne, 1992	8,300	7,465	32.5
• Oseberg Ost, 1981	—	7,845	37.0
• Oseberg Sor (includes Omega Nord), 1984	—	23,654	37.0
• Oseberg, 1979	8,200	57,219	37.0
• Sindre	—	30	—
• Skuld, 2008	—	4,247	—
• Sleipner East (c), 1981	10,800	718	57.5
• Sleipner West (c), 1972	8,000	9,439	57.5
• Snohvit (c), 1984	—	14,255	—
• Snorre, 1979	8,900	52,119	68.0
• Statfjord ² , 1974	9,800	14,221	38.2
• Statfjord Nord, 1977	—	6,954	—
• Statfjord Ost, 1976	—	2,204	—
• Svalin	—	8,070	—
• Sygna, 1996	—	3,101	—
• Tordis, 1987	9,000	12,137	68.0
• Troll, 1979	—	107,842	27.5
• Tune (c), 1996	—	83	—
• Tyrihans, 1983	—	16,452	—
• Urd, 2000	—	3,127	—
• Valemon	—	3,184	—
• Veslefrikk, 1981	10,100	4,130	37.0
• Vigdis, 1986	8,800	16,886	68.0
• Visund Sur, 2008	—	1,738	—
• Visund, 1986	9,500	26,023	34.0
• Volve, 1993	—	0	—
• Yttergyta (c), 2007	—	0	—
TOTAL			
• Alta, 2010	—	200	—
• Flyndre	—	272	—
• Islay, 2008	—	2	—
• Skirne (c), 1990	—	318	—
WINTERSHALL NORGE AS			
• Brage, 1980	8,200	8,922	37.0
• Maria	—	7,575	—
• Vega Sor	—	0	—
• Vega, 1981	—	8,057	—
OTHER			
• 24/9-12s (Frosk)	—	3,935	—
Total Norway		1,436,708	

¹Norway share (22.2%) of total production, ²Norway share (85.5%) of total production.

OMAN

BP OMAN			
All fields	—	—	—
CCED OIL			
Bushra	—	—	30.0-39.0
Mazoon	—	—	30.0-39.0
Shadi	—	—	30.0-39.0
DALEEL PETROLEUM LLC			
Daleel, 1989	4,950	—	30.0-39.0
DNO ASA			
• Bukha (c), 1979	11,000	—	60.0
• West Bukha	—	—	—
OCCIDENTAL			
Mukhaizna	—	—	—
Al Barakah, 1992	5,000	—	37.8
Badr, 1996	5,770	—	30.0
Madiq, 1995	7,200	—	38.0
Rawdah, 1996	6,220	—	39.0
Safah, 1983	6,500	—	42.0
Salmah, 1995	6,500	—	38.0
Wadi Latham, 1993	5,000	—	40.0

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
OOCEP							
All fields	—	—	—				
PTTEP							
Shams (c)	—	—	—				
Munhamir (c)	—	—	—				
PETROGAS							
Ramlat, 1977	12,000	980,000	44.0	Rahab Southwest, 1981	2,644	—	—
Sahmah, 1978	12,400	—	44.0	Rajaa, 1988	4,030	25.0	25.0
Rija	10,170	—	44.0	Ramlat Rawl, 1987	9,498	50.0	50.0
PETROLEUM DEVELOPMENT OMAN							
Al Burj, 1984	4,835	—	28.0	Rasha, 1982	3,435	37.0	37.0
Al Dhabi, 1985	4,981	—	19.0	Reihan, 1986	5,046	21.3	21.3
Al Ghubar, 1978	2,632	—	29.0	Rima, 1979	3,409	33.0	33.0
Al Huwaisah, 1969	5,890	—	39.0	Runib, 1979	3,786	21.1	21.1
Alam, 1987	4,776	—	33.0	Runib South, 1984	4,646	20.0	20.0
Amal, 1972	3,741	—	19.0	Sabr, 1980	4,682	—	—
Amal South, 1982	4,402	—	30.0	Sadad, 1986	3,848	25.0	25.0
Amin, 1975	4,416	—	20.0	Saih Nihayda, 1972	8,714	39.6	39.6
Anuq, 1995	5,269	—	19.0	Saih Nihaydah Southeast, 1972	7,375	39.0	39.0
Anzauz, 1984	6,030	—	46.5	Saih Rawl, 1971	10,136	39.0	39.0
Aseel, 1987	4,112	—	—	Salwa, 1986	4,972	29.0	29.0
Bahaa, 1993	3,714	—	—	Sayyala, 1982	3,771	50.1	50.1
Bahja, 1984	4,746	—	47.2	Shahin, 1981	4,750	21.0	21.0
Barik, 1978	12,472	—	47.4	Simsim, 1985	4,603	30.6	30.6
Basma, 1991	4,542	—	20.0	Suwaihat, 1982	5,632	37.5	37.5
Birba, 1978	6,657	—	32.0	Tannum, 1997	6,135	—	—
Burhaan, 1984	7,379	—	34.0	Thamoud, 1987	4,647	23.0	23.0
Dhiab, 1985	4,181	—	26.5	Thayfut, 1981	3,153	19.0	19.0
Dhulaima, 1975	5,161	—	39.0	Thuleilat, 1986	2,455	25.5	25.5
Fahud Northwest, 1964	2,499	—	32.0	Uqab, 1987	3,804	—	—
Fahud Southeast, 1963	2,499	—	32.0	Wadi Haka, 1990	6,077	32.0	32.0
Fahud West, 1965	—	—	34.0	Wafra, 1983	5,663	38.8	38.8
Fayyadh, 1983	5,053	—	27.0	Waha, 1992	5,238	—	—
Ghaba North, 1972	4,434	—	33.5	Warad, 1985	4,394	—	—
Ghanuq, 1990	3,600	—	27.0	Yibal, 1963	5,336	38.5	38.5
Ghazarah, 1991	4,809	—	—	Zahra, 1986	6,412	32.0	32.0
Ghufos, 1982	4,231	—	—	Zareef, 1985	3,425	47.0	47.0
Habur, 1972	1,400	—	15.0	Zauliyah, 1981	7,362	44.3	44.3
Halima, 1984	5,494	—	23.3	Zumurrud, 1988	2,996	29.0	29.0
Hareer, 1995	11,911	—	—	Total Oman			
Hasirah, 1981	5,189	—	48.8	980,000			
Hawqa, 1989	8,602	—	—	PAKISTAN			
Hazar, 1991	9,768	—	44.0	DEWAN			
Ihsan, 1984	4,627	—	23.5	Rodho	—	34	—
Irada, 1978	3,767	—	—	ENI			
Jadeer, 1991	6,596	—	20.0	Badhar/Badra B North (c), 1997	—	122	—
Jal mud, 1979	3,692	—	24.0	Bhit (c)	—	120	—
Jal mud North, 1980	3,418	—	19.0	Kadanwari (c), 1989	13,104	28	—
Jawdah, 1984	3,553	—	28.5	MOL			
Karim West, 1982	3,284	—	23.0	Makori	—	20	—
Katheer, 1997	4,260	—	—	Makori East	—	9,413	—
Kaukab, 1983	6,262	—	31.0	Makori Deep	—	1,169	—
Khaleel, 1996	6,457	—	—	Mamekhel	—	394	—
Lekhwair, 1974	4,430	—	37.5	Manzalai	—	348	—
Mabrouk, 1979	13,175	—	—	Maradankhel	—	4,149	—
Maha, 1980	5,508	—	—	Maramzai	—	4,185	—
Maqtaa, 1991	7,362	—	44.0	Tolanj	—	13	—
Marmul, 1977	3,253	—	21.5	Tolanj West	—	15	—
Marmul Northwest, 1992	1,900	—	20.0	MPCL			
Mawhoob, 1985	7,805	—	25.0	Aqeeq	—	13	—
Musallim, 1971	8,077	—	27.0	Ghauri	—	220	—
Nafoorah, 1985	3,993	—	—	Halini	—	388	—
Natih, 1963	3,014	—	33.4	Halini Deep	—	546	—
Natih West, 1966	8,509	—	—	Mari	—	43	—
Nimr, 1980	3,270	—	21.0	Sujawal	—	13	—
Qaharir, 1977	4,699	—	30.4	Sujal	—	119	—
Qaharir East, 1978	4,936	—	25.5	Zarghun South	—	5	—
Qaharir Southwest, 1995	8,807	—	—	OPL			
Qarat Al Milh, 1987	6,914	—	29.0	Bhangali	—	4	—
Qarmous, 1993	4,883	—	—	Dhumal, 1984	13,100	75	41.8
Qarn Alam, 1972	905	—	—	Ratana (c), 1988	16,400	53	47.0
Qata, 1979	5,338	—	28.0	OIL AND GAS DEVELOPMENT CO. LTD.			
Rahab, 1977	2,644	—	25.5	Bagla	—	3	—
				Birtism	—	478	—
				Baloch	—	0	—
				Bhalsydan	—	104	—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Bobi (c), 1988	9,514	450	51.0	Pindori, 1991	14,141	157	—
Chak 63 NE	—	17	—	Turkwal	10,662	163	—
Chak 63 SE	—	142	—				
Chak 66 NE	—	0	—	PAKISTAN PETROLEUM LTD.			
Chak2	—	434	—	Adhi (c), 1978	8,360-9,115	7,238	51.1
Chak7A	—	42	—	Adam	—	76	—
Chak-Naurang, 1986	9,186	292	46.9	Adam West	—	28	—
Chanda	—	2,265	—	Fazi	—	45	—
Chandio	—	17	—	Kabir	—	90	—
Chutto	—	209	—	Kandhkot (c), 1959	6,820	9	—
Dahkhni (c), 1983	15,092	448	57.4	Mazarani, 1959	—	7	—
Dars	—	213	—	Shahdad	—	232	—
Dars Deep	—	195	—	Sharf	—	708	—
Dars West	—	491	—	Sui (c), 1952	10,046	31	—
Dhodak (c), 1977	7,109	28	—				
Fimkassar (c), 1989	9,842	153	31.0	UEPL			
Hakeem Daho	—	305	—	Aassu	—	111	—
Jakhro	—	189	—	Ali	—	21	—
Jarwar	—	41	—	Babarki	—	0	—
Kal, 1995	9,299	377	29.5	Bachal	—	0	—
Kunar (c), 1987	6,992	2,713	—	Bago	—	0	—
Kunnar Deep	—	154	—	Bari	—	1,964	—
Kunnar South	—	133	—	Baksh Deep	—	0	—
Kunnar West	—	99	—	Bhatti/Nakurji (c), 1989	5,800	0	44.0
Kunnar/Pasakhi Deep (c)	—	1,180	—	Bijoro	—	61	—
Lala Jamali	—	517	—	Bilal	—	0	—
Lashari Centre/South, 1988	7,382	212	40.4	Bilal North	—	0	—
Mela	—	1,422	—	Bukhari Deep	—	61	—
Missa-Kiswal, 1991	7,382	48	40.6	Bukhari North	—	4	—
Missan, 1998	6,922	86	—	Buzdar South	—	0	—
Moolan	—	130	—	Buzdar South Deep	11,250	94	—
Moolan North	—	0	—	Chaman	—	0	—
Nashpa	—	16,351	—	Dang	—	50	—
Nim	—	8	—	Dhabi North	6,395	19	—
Norai Jagir	—	0	—	Dhabi South	—	208	—
Nur/Bagla	—	30	—	Dhani	—	6	—
Pali	—	81	—	Duphri	—	0	—
Pali Deep	—	194	—	Fateh Shah North	—	19	—
Pasahki North, 1989	7,323	583	42.5	Gharo	—	29	—
Pasahki, 1989	8,406	2,537	40.1	Ghungthro, 1988	4,620	490	42.0
Pasahki Deep West	—	0	—	Golarchi	—	0	—
Pasahki East	—	142	—	Gulsher	—	553	—
Pasahki Northeast	—	383	—	Halipota	—	153	—
Qadirpur (c)	5,138	307	—	Hakro	—	25	—
Rajjan, 1994	12,355	1,526	23.0	Hayat	—	43	—
Resham	—	8	—	Jabo (c), 1986	7,230	90	59.0
Sadkal (c), 1992	14,764	35	—	Jagir, 1996	7,557	23	43.3
Shah	—	121	—	Jan	—	42	—
Soghri	—	93	—	Jarar Deep	—	0	—
Sono, 1988	7,621	670	—	Jhaberi South	—	0	—
Tando Alam	8,202	315	—	Jogwani	—	0	—
Tando Allah Yar	—	89	—	Kamal North	—	122	—
Thora Deep	—	50	—	Kato	—	0	—
Thora, 1987	7,780	266	—	Khaskheil, 1981	3,600	109	39
Toot, 1968	14,764	226	39.4	Khaskheli Downthrown	—	21	—
Uch (c), 1955	—	32	—	Khorewah (c), 1988	6,300	27	51.0
Unar	—	90	—	Koli	—	0	—
				Korai	—	1	—
OMV				Kumbh	—	61	—
Latif	—	39	—	Laghari, 1983	2,500	32	42.0
Miano (c), 1993	13,222	28	—	Limu	—	0	—
				Limu North	—	0	—
OPPL				Lodano	—	11	—
Zamzama (c), 1998	12,913	146	—	Lodano Deep	—	27	—
				M. Ismail Deep	10,780	4	—
PAKISTAN OILFIELDS LTD.				M. Ismail, 1991	7,760	23	44.5
Balkassar, 1946	9,398	284	26.0	Mahi	—	0	—
Bela	—	0	—	Makhdumpur	—	6	—
Dhulian, 1936	8,899	108	48.0	Makrani	—	12	—
Domial	—	0	—	Malah	—	0	—
Jhandial	—	485	—	Maroja	—	16	—
Joya Mair	—	41	—	Mazari South Deep, 1993	7,500	347	42.0
Khaur, 1915	9,306	23	33.0	Mazari South, 1985	4,803	242	—
Khaur North	—	68	—	Mazari, 1984	3,800	925	43.0
Meyal, 1968	12,513	45	41.0	Mohano	—	0	—
Minwal	7,150	115	—	Mohib	—	0	—
Pariwali, 1994	15,976	236	—	Mohri	—	10	—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Muban	2,552	116	—
Mulaki	—	75	—
Murid	—	69	—
Naimat Basal	—	73	—
Naimat Basal 2x	—	9	—
Naimat West	—	756	—
Nando	—	3	—
North Akri, 1988	5,540	36	46.7
Oderolal	—	0	—
Paniro, 1988	7,400	32	27.4
Piaro Deep	—	4	—
Piaro Deep Basal	—	0	—
Qabul	—	0	—
Rahib	—	31	—
Rahim 1x	—	981	—
Rahim 2x	—	76	—
Rahim North	—	153	—
Rajani	—	485	—
Ramdiani	—	97	—
Rawat	—	8	—
Rawat North	—	10	—
Roshnai	—	25	—
Sahu	—	0	—
Sajan	—	11	—
Sakhi Deep, 1996	—	0	—
Sakhi South Deep	—	13	—
Sakhi, 1996	8,700	81	48.3
Salamat	—	98	—
Saleh	—	49	—
Saman	—	3	—
Shekhano	—	86	—
Shekhano Deep	—	5	—
Sohrab Deep	—	37	—
Sonro	4,348	145	—
Suhrat	—	0	—
Sukhai South	—	366	—
Sumar Deep	—	9	—
Sutiari Deep	—	358	—
Tajedi, 1984	5,460	0	44.4
Tando G. Ali	—	2	—
Tangri Deep	—	11	—
Tangri, 1995	2,408	42	—
Tharo	—	0	—
Tharo West	—	0	—
Thebo	—	30	—
Turk, 1985	6,150	47	37.8
Turk-deep (c)	6,750	17	40.7
Umar	—	1	—
Wasayo	—	0	—
Zaur	6,750	190	—
UEP ALPHA			
Mehar	—	480	—
Sofiya	—	259	—
Total Pakistan		81,056	

PAPUA NEW GUINEA

OIL SEARCH

Gobe Main, 1994	8,732-9,870	274	43.8
Gobe Southeast, 1993	7,710-8,915	369	44.5
Hides	—	164	—
Kutubu	—	6,347	—
Mananda Southeast, 1991	—	0	33.0
Moran - PDL 2, 1996	9,140-15,001	720	42.0
Moran - PDL 5, 1996	9,140-15,001		42.0
Moran - PDL 6, 1996	9,140-15,001		42.0
NW Moran - PPL 219	—	—	—
Condensate (c)	—	26,940	—
Total Papua New Guinea		34,813	

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
PERU			
CEPSA			
Lote 131 (Block)	12,409		44.0-45.0
Los Angeles		3,067	
CNPC			
Lote X (Block)			
Ballena, 1924	3,500-5,000	1,084	33.0
Carrizo, 1953	1,000-6,500	2,065	34.0
Central, 1925	2,000-7,000	1,599	34.0
Coyonitas, 1956	3,000-7,500	32	30.0
La Tuna, 1953	3,000-7,000	490	31.0
Laguna, 1967	1,500-8,500	638	30.0
Merina, 1954	3,000-7,500	841	30.0
Organos Norte, 1950	2,000-8,000	34	36.0
Organos Sur, 1947	2,000-7,500	579	38.0
Patria, 1950	2,000-7,500	134	37.0
Pena Negra, 1914	3,000-5,000	772	35.0
Reventones, 1910	2,000-7,500	888	32.0
Somatito, 1958	2,500-8,500	650	30.0
Taiman, 1922	3,000-7,500	2,082	35.0
Tunal, 1960	3,000-6,200	28	22.0
Verde, 1954	3,000-9,000	391	34.0
Zapotal, 1953	3,000-8,000	2,019	29.0
FRONTERA			
Lote 192 (Block)	—		—
Capahuari Norte		164	
Capahuari Sur		976	
Carmen		173	
Dorissa		200	
Forestal		746	
Huayuri Norte		278	
Huayuri Sur		352	
Jibarito		1,203	
Jibaro		291	
San Jacinto		1,234	
Shiviyacu		1,642	
Shiviyacu NE		335	
Tambo		177	
Lote Z-1 (Block)	—		—
Albacora		967	
Corvina		264	
GMP SA			
Lote I (Block), 1869	2,000-9,000		33.0
Aeropuerto		16	
Bellavista		62	
El Pato		5	
Huaco		72	
Manta		18	
Medano		33	
Milla VI		51	
Milla VII		1	
Monte		15	
Negritos		85	
Pampa		8	
Pozo		38	
Pozo Viejo		2	
Seccion 16		12	
Tablazo		28	
Tunel		46	
Verdun Alto		155	
Lote III (Block), 1869	2,000-9,000		33.9
Boca		6	
La Brea		22	
Mirador		59	
Mirador Sur		89	
Portachuelo		204	
Portachuelo Oeste		76	
San Luis		269	
Lote IV (Block), 1869	2,000-9,000		34.0
Alvarez		276	
Alvarez - Oveja		1,636	
Bodega		2	
Bronco		238	
Chimenea		78	

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Corral		1		Millon		86	
Fondo		202		Pozos-Oxy.		0	
Jabonillal		65		Puerto Rico		8	
Leones		13		Rimac		10	
Lomitos		24		Rio Bravo		209	
Oveja		59		Rocoto		3	
Verdun Alto		0		Santos		26	
Lote V (Block), 1869	2,000-9,000		35.0	Siches		49	
Calamar		25		Zapote		14	
Condor		1		Lote VII (Block), 1869	500-9,800		33.0-36.0
Laguna		11		Alv. Oveja		8	
Organos Norte		58		Ancha		178	
Patria		11		Anexo		7	
MAPLE GAS				Centinela		5	
Lote 31 B-D (Block)				Colina		22	
Agua Caliente, 1939	1,000-15,000	0	40.0	Concha		5	
Maquia, 1957	2,100-2,400	0	37.0	Gavilan		9	
Lote 31-E (Block)				Inca		14	
Pacaya		0		Lagunitos		83	
OLYMPIC				Llano		5	
Lote XIII (Block)				Lomitos		230	
La Isla	—	2,010	—	Negritos		70	
PERENCO				Overales		5	
Lote 67 (Block)	—		—	Playa		47	
Pirana		1,544		Pueblo		5	
PETROMONT				Ramon		7	
Lote II (Block), 1869	2,000-9,000		20.0	Rio Verde		32	
Coyonitas		142		San Juan		104	
Golondrina		100		San Pedro		15	
Hualtacal		71		Sandino		8	
Ronchudo		26		Siete Vientos		43	
Lote XV (Block), 1869	—		—	Silla		157	
Golondrina		0		Verdun Alto		43	
Hualcatal		1		Vichayo		58	
Lobitos		5		Yeso		92	
Paloma		31		SAVIA			
Lote XX (Block)	—		—	Lote Z-2B	—		—
Carpitas		11		Chira		126	
Zorritos		6		Litoral		505	
PETROTAL				Lobitos		1,968	
Lote 95 (Block)	—		—	Pena Negra		3,501	
Bretana Norte		4,122		Providencia		377	
PLUSPETROL PERU				San Pedro		480	
Lote 8 (Block)				UNIPETRO ABC			
Chambira, 1994	12,600-14,600	674	26.5	Lote IX (Block), 1869	2,000-9,000		32.0
Corrientes, 1974	10,000-12,600	3,720	24.9	Algarroba		15	
Pavayacu, 1978	9,600-11,300	710	36.0	Batanes		83	
Yanayacu, 1977	11,400-13,600	846	18.8	Cuesta		62	
SAPET DEVELOPMENT				Leones		10	
Lote VI (Block), 1869	500-9,800		33.0-36.0	Total Peru			
Alvarez		9				55,680	
Bonanza		22		PHILIPPINES			
Bronco		19		PHILODRILL			
Carrizal		58		• Matinloc, 1978	6,656-6,750		43.8
Chaco		3		• Nido, 1977	6,576-6,885		27.2
Chivo		65		• Octon, 1991	—		—
Cobra		271		SHELL PHILIPPINES			
Corral		7		• Malampaya (c), 1992	9,842	23,000	51.0
Cruz		279		TAMARIND			
Cuenca		35		• Galoc, 1981	950-1,300		35.0
Folche		127		Total Philippines			
Honda		41				23,000	
Jabonillal		473					
Leones		401					
Lindero		10					
Lobitos		263					
Lobo		205					
Malacas		83					
Media		39					

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
POLAND			
LOTUS PETROBALTIC			
• B-3, 1981	4,900	21,000	42.0
• B-8, 1983	6,500		44.0
• B-34, 1982	4,300		45.6
POLISH OIL AND GAS CO.			
Barnowko/Mostno/Buszewo	—	21,000	—
Lubiatow	—		—
Grotow	—		—
Brzozowka, 1990	7,869		32.6
Buk, 1974	8,540		40.6
Debno, 1994	—		45.4
Grabownica, 1896	980-3,840		45.4
Grobla, 1962	2,460		44.3
Jeniniec, 1986	9,580		36.2
Kamien Pomorski, 1972	7,360		34.0
Kije, 1976	6,540		39.2
Koszaryn, 1991	5,650		37.0
Nosowka, 1988	10,870		29.3
Osobnica, 1953	1,310-2,230		36.2
Plawowice, 1962	1,970		35.9
Wankowa, 1848	490-2,030		36.9
Weglowka, 1890	980-3,770		34.6
Wysoka Kamienska, 1979	9,690		30.7
Zielin, 1992	10,421		32.6
Total Poland		21,000	

QATAR

BUNDUQ COMPANY LTD.				
• El-Bunduq, 1965	—	1,840,000	—	
TOTAL				
• Al-Shaheen, 1994	3,000-4,000		30.6	
OCCIDENTAL				
• Al-Rayyan, 1976	4,700	1,840,000	24.0	
• Idd El Shargi North Dome, 1960	4,400-8,000		31.0	
• Idd El Shargi South Dome, 1961	4,400-8,000		29.0	
QATAR PETROLEUM DEVELOPMENT				
• Al-Karkara	—	1,840,000	—	
QATAR GAS OPERATING				
North (c)	—		—	
TOTAL SA				
• Al-Khaleej, 1991	4,000	1,840,000	27.5	
QATAR PETROLEUM				
• Bul Hanine, 1965	6,000		35.0	
• Dukhan, 1940	6,500	40.0		
• Maydan Mahzem, 1963	7,000	38.0		
Total Qatar		1,840,000		

RAS AL KHAIMAH

RAS AL KHAIMAH GAS COMMISSION			
• Saleh, 1983	14,500	NA	50.0
Total Ras Al Khaimah		NA	

ROMANIA

PETROM SA			
All fields	—	73,000	—
Total Romania		73,000	

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	
RUSSIA				
GAZPROM NEFT				
Baleykinskoe	—	955,258	—	
Filatovskoe	—		—	
Kapitonovskoe	—		—	
Messoyakha, 1980	—		—	
Muravienkovskoye	—		—	
Novoportovskoye	—		—	
Orenburg OGC	—		—	
Orenburgskoe	—		—	
Priobskoye	—		—	
Sporyshevskoye	—		—	
Sugmutskoye	—		—	
Sutorminskoye/Severo-Karamovskoye	—		—	
Tsarichanskoe	—		—	
Vyngapurovskoye	—		—	
GAZPROM - OOO GAZPROM DOBYCHA				
Astrakhanskoye (c)	—		955,258	—
Bovanenkovskoye	—			—
Medvezhye	—	—		
Orenburgskoye	—	—		
Pestovoye	—	—		
Ubleynoye	—	—		
Urengoyevskoye	—	—		
Yamburgskoye	—	—		
Yamsoveiskoye	—	—		
Yen-Yakhinskoye	—	—		
Zapadno-Astrakhanskoye (c)	—	—		
Zapadno-Tarkosalynskoye	—	—		
Zapolyarnoye	—	—		
GAZPROM - ZAO PURGAZ				
Gubkinskoye	—	1,005,630	—	
GAZPROM - OAO SEVERNEFTEGAZPROM				
Yuzhno-Russkoye	—		—	
OAO LUKOIL				
WESTERN SIBERIA:				
Druzhnoye	—		1,005,630	—
Imilorskoye	—			—
Istochnoye	—			—
Kamenny (Krasnoleninskoye)	—			—
Kechimovskoye	—			—
Kogalymskoye	—			—
Nivagalskoye	—			—
Nong-Yeganskoye	—			—
Pokachevskoye	—			—
Potochnoe	—	—		
Povkhovskoye	—	—		
Pyakyakhinskoye	—	—		
Tevlinsko-Russkinskoye	—	—		
Uryevskoye	—	—		
V. Filanovskiy, 2005	—	—		
Vat-Yeganskoye	—	—		
Vinogradov	—	—		
Vostochno-Perevalnoe	—	—		
Yuzhno-Messoyaknskoye ©	—	—		
Yuzhno-Yagunskoye	—	—		
Zapadno-Imilorskoye	—	—		
Others	—	—		
URALS:				
Shagirtsko-Gozhanskoe	—	694,235	—	
Sibirskoe	—		—	
Unvinskoye	—		—	
Others	—		—	
VOLGA:				
Filanovskiy	—	466,495	—	
• Korchagin, 2000	—		—	
Pamyatno-Sasovskoye	—		—	
Volga	—		—	
Others	—	—		

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	
TIMAN-PECHORA:				West Oshkotynskoye				
East-Lambeyshorskoe	—	140,341	—	CENTRAL:				
Kharyaginskoe	—		—	Belozersko-Chubovskoye	—	—	—	
Kyrtayelskoye	—		—	Bobrovskoye	—	—	—	
Oshskoe	—		—	Garshinskoye	—	—	—	
Usinskoye	—		—	Kiselevskoye	—	—	—	
Vozeiskoye	—		—	Olkhovskoye	—	—	—	
Yaregskoe	—		—	Ozerkinskoye	—	—	—	
Yuzhnaya Khylichuya	—		—	Pokrovskoye	—	—	—	
Others	—	—	Rostashinskoye	—	—	—		
KALININGRAD:				Sorochinkso_Nikolskoye				
• Kravtsovskoye	—	107,955	—	South Butlerovskoye	—	—	—	
KOMI REPUBLIC:				South Neprikovskoye	—	—	—	
Kyrtayelskoye	—		—	West Kommunarnoye	—	—	—	
Pashshorskoye	—		—	Zagorskoye	—	—	—	
Perevozhnoye	—		—	SOUTHERN:				
Others	—	—	Chechen Republic					
ROSNEFT				Dimitrovskoye				
REPUBLIC OF BASHKORTOSTAN:				Krasnodar region				
Arlanskoye	—	93,016	—	Ozyornoye	—	—	—	
Chetyrmanskoye	—		—	Stavropol territory	—	—	—	
Igrovskoe	—		—	EASTERN:				
Sguritskoye	—		—	Vankor	—	—	—	
Tuimazinskoye	—		—	Verkhnechonskoye	—	—	—	
Yugomashevskoye	—		—	Yurubcheno-Tokhomskoye	—	—	—	
Other	—		—	FAR EAST:				
KHANTY-MANSI AUTONOMOUS DISTRICT:				Kamennoe	—	—	—	
Kirskoye	—		—	Kovykta (c)	—	—	—	
Kotynskoye	—		—	Russkoe	—	—	—	
Lyukpayskoye	—	—	Sakhalin-1 Chaivo	—	—	—		
Pecherinskoye	—	—	Sakhalin-1 Odoptu	—	—	—		
Permyakovskoye	—	—	Samotlor	—	—	—		
Sorovskoye	—	—	Suzunskoe	—	—	—		
NENETS AUTONOMOUS DISTRICT:				Tagulskoe	—	—	—	
A. Titov	—	—	Uvat	—	—	—		
R. Trebs	—	—	Verkhnechonsk	—	—	—		
ORENBURG:				JSC SLAVNEFT				
Dachno-Relinskiy	—	—	Khanty-Mansi Autonomous Area - Yugra					
Kitayamsko-Blagodarovski	—	—	Krasnoyarsk region					
REPUBLIC OF TATARSTAN:				—				
Tuimazinskoye	—	—	—					
WESTERN SIBERIA:				OJSC SURGUTNEFEGAS				
Bakhtilovskoye	—	93,016	—	EASTERN SIBERIA:				
Barsukovskoye	—		—	Alinskoye	—	—	—	
Chkalovskoye	—		—	Central block of Talakanskoye	—	—	—	
Kharampurskoye	—		—	Eastern block of Talakanskoye	—	—	—	
Komsomolskoye	—		—	Lenskoye	—	185,236	—	
Malobalykskoye	—		—	Severo-Talakanskoye	—		—	—
Mamontovskoye	—		—	Vostochno-Alinskoye	—		—	—
Nizhneartovskoye	—		—	Yuzhno-Talakanskoye	—		—	—
North Vriganskoye	—		—	WESTERN SIBERIA:				
Olenye	—		—	Demyanskoye	—	25,893	—	
Priobskoye	—	—	Yuzhno-Nyurymkoye	—	—		—	
Pirrazlomnoye	—	—	Rogozhnikovskoye	—	79,671	—		
Samotlorskoye, 1965	—	—	Severo-Rogozhnikovskoye	—		—	—	
Sovetskoye	—	—	Bystrinskoye	—	918,211	—		
Strezhevskoye	—	—	Dunayevskoye	—		—	—	
Tarasovskoye	—	—	Fedorovskoye	—		—	—	
TIMAN-PECHORA:				Lyantorskoye		—	—	—
Ardalinskoye	—	—	Russkinskoye	—		—	—	
Baganskoye	—	—	Severo-Labatyuganskoye	—		—	—	
Central Khoreiverskoye	—	—	Vostochno-Surgutskoye	—		—	—	
Cherpayuskoye	—	—	Yaunlorskoye	—		—	—	
East Kolvinskoye	—	—	Zapadno-Surgutskoye	—	—	—		
Khasyreiskoye	—	—	Zapadno-Chicgorinskoye	—	—	—		
North Baganskoye	—	—	OAO NOVATEK					
Nyadeiyuskoye	—	—	Dobrovol'skoye (c), 1966					
Oshkotynskoye	—	—	E. Tarkosalineskoye, 1971					
South Baganskoye	—	—	Khanchey'skoye, 1990					
				Samburgskoye, 1970				
				Sterkhovoye (c), 1999				
				Termokarstovoye (c), 1988				
				—				
				241,005				

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	
Urengoyeskoye North (c), 1966	—	—	—	
Urengoyeskoye, 1966	—	—	—	
Yaro-Yakhinskoye, 2015	—	—	—	
Yarudeyskoye, 2008	—	—	—	
Yurkharovskoye, 1970	—	—	—	
0AO TATNEFT:				
Arkhangelskoye	—	593,551	—	
Ashalchinskoye	—		—	
Bavlinskoye	—		—	
Bondyuzskoye	—		—	
Novo-Elkhovskoye	—		—	
Pervomaiskoye	—		—	
Romashinskoye	—		—	
Sabanchinskoye	—		—	
Others	—	—	—	
RUSSNEFT				
0AO VARIOGANNEFT:				
Belye Nochi	—	141,775	—	
Severent-Yarainer	—		—	
Novo-Aganskoye	—		—	
Valyuninskoye	—		—	
Varioganskoye	—		—	
0AO NAK AKI-OTYR:				
Nizhne-Shapshinskiy	—		—	—
Sredne-Shapshinskiy	—		—	—
Verkhne-Shapshinskiy	—	—	—	
ZAO GOLOIL:				
Golevoe	—	141,775	—	
Vostochnu-Golevoe	—		—	
Yeguriakhskoye	—		—	
Yuzhno-Yeguriakhskoye	—		—	
ZAO CHERNOGORSKOYE:				
Chernogorskoye	—	—	—	
0AO SARATORNEFTEGAZ:				
All fields	—	—	—	
0AO ULYANOVSKENEFT:				
All fields	—	—	—	
000 TOMSKAYA NEFT:				
Rechnoye (c)	—	—	—	
Verkhne-Salatskoye	—	—	—	
Yuzhno-Myldzhinskoye	—	—	—	
IRKUTSK OIL CO.	—	—	—	
INDEPENDENT OIL CO.	—	—	—	
PSA'S	—	4,915,934	—	
OTHERS	—		—	—
Total Russia		10,843,056		

SAUDI ARABIA

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
SAUDI ARAMCO			
Abqaiq, 1940	6,690	593,551	37.0
Abu Jifan, 1973	—		32.0
• Abu-Safah, 1963	6,600		30.0
Arabiyah	—		—
Bakr, 1974	—		—
• Berri, 1964	8,300		32.0-34.0
Dammam, 1938	4,800		35.0
• Dawl, 1980	—		—
Dhib, 1979	—		—
Dibdibah, 1975	—		21.0
El Haba, 1973	—		—
Fadhili, 1949	8,050		39.0
Farhah	—		—
Faridah, 1979	—		—
Ghawar, 1948	6,920	34.0	
Habari, 1960	—	26.0	
• Hamur, 1979	—	—	
• Harqus	—	—	

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
• Hasbah, 1976	—	11,520,000	—
Jaham, 1966	—		25.0
Jaladi, 1978	—		—
• Janah, 1967	—		—
Jauf, 1983	—		33.8
Jawb, 1979	—		37.0
Juraybi'at, 1968	—		27.0
• Jurayd, 1968	—		—
• Karan, 1967	—		—
• Kurayn, 1974	—		—
• Lawhah, 1975	—		31.0
Lughfah, 1979	—		—
• Maharah, 1973	—		—
• Manifa, 1957	7,950		29.0
• Marjan, 1967	6,800		33.0
Mazalij, 1971	—		31.0
Midrikah	—		—
Nuayyim	—		—
• Qatif, 1945	7,100		33.0-34.0
Qirdi, 1973	—		38.0
• Ribyan, 1975	—	27.0	
Rimthan, 1974	—	29.0	
• Safaniyah, 1951	5,100	27.0	
Sahba	—	—	
Samin, 1979	—	—	
Sanaman (c)	—	—	
Sharar, 1976	—	—	
Shaybah, 1968	4,650	42.5	
Shedgum	—	—	
Sirayyan	—	—	
Suban, 1976	—	—	
Tinat, 1982	—	—	
Wa'riyah, 1978	—	—	
Watban, 1975	—	—	
• Zuluf, 1965	5,800	32.0	
Total Saudi Arabia		11,520,000	

SERBIA

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
NIS/NAFTAGAS			
Boka, 1956	3,969-4,100	17,000	32.7
Coka, 1975	4,888-5,046		44.3
Elemir, 1959	5,002-5,376		32.7
Itebej, 1978	6,973-7,327		26.4
Janosik, 1958	2,148-3,293		24.2
Jermenovci, 1952	2,919-3,148		24.2
Karadjordjevo, 1973	8,308-8,846		26.4
Kelebija, 1970	2,0691-2,788		21.2
Kikinda, 1960	3,543-5,735		34.9
Kikinda-varos, 1963	3,740-6,490		27.9
Lokve, 1953	2,909-3,099		25.1
Morkrin, 1961	6,232-7,216		35.1
Morkrin-jug, 1982	6,658-6,740		41.1
Majdan, 1972	7,708-7,790		37.4
Palic, 1968	3,345-3,427	45.9	
V. Greda-jug, 1981	3,237-3,427	23.8	
Velebit, 1965	2,434-2,575	22.8	
Zrenjanin, 1974	6,829-6,986	25.0	
Total Serbia		17,000	

SHARJAH

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
CRESCENT PETROLEUM			
• Mubarek (c), 1972	13,000-14,000	NA	37.0
SHARJAH NATIONAL OIL CO.			
Kahaif (c), 1992	10,200-12,300		50.0
Saja (c), 1980	10,200-12,300	50.0	
Moveyid (c), 1980	10,200-12,300	50.0	
Total Sharjah		NA	

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	
SLOVAKIA				
All fields	—	—	—	
Total Slovakia		—		
SOUTH AFRICA				
PETRO SA				
• F-A (c), 1980	2,725	2,000	51.0	
• F-AH (c), 1986	2,380		51.0	
• F-AR (c), 1985	2,670		51.0	
• E-M (c), 1984	2,550		52.0	
• E-H (c), 1986	2,380		52.0	
• E-BF (c), 1989	2,525		52.0	
• F-AD, 1985	2,700		52.0	
• F-BE (c), 1998	2,090		52.0	
• Oribi, 1990	7,700		42.0	
• Oryx, 1988	7,800		42.0	
• Sable, 1998	8,550		39.0	
Total South Africa			2,000	
SOUTH KOREA				
KOREA NATIONAL OIL CORP/WOODSIDE				
• Donghae-1, 1998	—	500	—	
Total South Korea		500		
SOUTH SUDAN				
GREATER NILE PET. OP. CO.				
Block 1:				
Unity, 1980	6,240-7,225	226,000	33.0-35.1	
Toma South, 1996	—		—	
Munga	—		—	
Other	—		—	
DPOC				
Block 3 and 7:				
Palogue, 2002	3,936-7,126	—	—	
Adar-Yale, 1981	—	—	—	
Other	—	—	—	
SPOC				
Block 5A:				
Mala, 2004	6,234	—	—	
Thar Jath, 2000	5,575	22.0	—	
Other	—	—	—	
SUDAN				
GREATER NILE PET. OP. CO.				
Block 2:				
Bamboo	—	29.6-35.0	—	
Greater Heglig, 1979	5,390-6,125		—	
Other	—		—	
Block 4:				
Diffra	—	—	—	
Neem	—	—	—	
Other	—	—	—	
PETRO ENERGY				
Block 6:				
Fula	—	—	—	
Hadida	—	—	—	
Other	—	—	—	
STAR OIL				
Al-Barasaya	—	—	—	
Other	—	—	—	
Total South Sudan and Sudan.		226,000		

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	
SPAIN				
LENI GAS & OIL (CPS)				
Ayoluengo, 1964	2.-950-4,600	3,000	37.0	
REPSOL				
• Alga, 1993	—		—	
• Barracuda	—		—	
• Boqueron, 1997	15,009		39.7	
• Casablanca, 1975	8,900		31.6	
• Chipiron, 2001	—		—	
• Rodaballo, 1995	11,237		42.6	
Total Spain			3,000	
SURINAME				
STAATSOLIE				
Calcutta, 2003	888		14,500	18.0
Tambaredjo, 1981	1,170			15.9
Tambaredjo Northwest	—	—		
Total Suriname		14,500		
SYRIA				
AL FURAT PETROLEUM CO. (SHELL)				
Al Izba, 1988	—	25,000	37.0	
Al Ward, 1986	—		38.1	
Galban, 1991	—		—	
Jarnof/Saban	—		—	
Maleh/Azraq, 1990	—		34.0	
Omar/Omar North, 1987	—		41.5	
Sijan, 1989	—		35.0	
Tanak, 1987	—		36.5	
Thayyem, 1983	—		36.5	
Others	—		—	
AL-KHABUR PETROLEUM CO.				
Kishma, 1997	—		—	
DEIR EZ-ZOR PETROLEUM CO.				
Al-Mazraa	—		—	
Attala North, 1990	—		—	
Jafra, 1994	—		—	
Marad	—		—	
Qahar, 1994	—		—	
Tabiyeh	—		—	
DILIA PETROLEUM CO.				
Khurbet East, 2007	6,560	25.0		
Yousefieh, 2008	6,560	23.0-24.0		
INA				
Jazal	—	—		
Jihar	—	—		
Mustadira (c)	—	—		
SUNCOR-PETROCANADA				
Elba (c)	—	—		
SYRIAN PETROLEUM CO.				
Jebisseh, 1968	2,000-3,000	18.0		
Suwaidiyah-Karatchok, 1959	—	24.0		
TANGANYIKA OIL				
Oudeh	—	—		
Total Syria		25,000		

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
TAJIKISTAN			
TETHYS PETROLEUM			
Beshtentak	6,496	}	33.0-35.0
E. Olimtoi	10,988-11,480		—
Khoja Sartex (c)	5,577		—
OTHER			
Ayritan, 1967	4,101-4,708	}	35.5-36.5
Kanibadam, 1966	9,777-10,308		32.0
Kanibadam N., 1970	9,596		39.0
Karagachi-Tamchi, 1974	8,054		33.0
Kim, 1908	1,969-2,198		34.0-36.0
Madaniyat, 1978	12,467-12,730		33.0
Nefteabad, 1933	3,478		35.0
Niyazbek-Karakchikum, 1974	12,303-12,795		33.0
Ravat, 1961	10,335-11,647		29.0-41.0
Total Tajikistan			200

THAILAND

CHEVRON PATTANI			
Block G4/48:			
• Yungthong	—	941	—
CHEVRON THAILAND E & P (CTEP)			
Block 10-13 10A 11A:			
• Erawan Group, 1972	7,000	}	55.9
• U1235	—		60.0
• Baanpot (c), 1974	7,000		—
• Baanpot South (c)	—		—
• Chaba	—		—
• Dara	—		—
• East Yala	—		—
• Funan (c), 1981	6,100		57.3
• Gomin (c), 1988	7,300		57.3
• Gomin South (c)	—		—
• Jakrawan (c), 1981	6,100		57.3
• Jakrawan West (c), 1981	6,100		57.3
• Jarmjuree North	—		—
• Kaphong, 1976	8,500		40.0
• Kung North	—		—
• Maliwan	—		—
• Moragot (c)	—		77,227
• North Trat East (c)	—		—
• North Trat East (c)	—		—
• Pailin North (c), 1990	9,500		57.6
• Pakarang	—		—
• Pakarang South (c)	—		—
• Pladang (c)	—		—
• Plamuk 1996	7,000		40.0
• Platong II	—		—
• Platong South	—		—
• Platong Southwest	—		—
• Platong West	—		—
• Platong, 1976	8,500		40.0
• Rajpruek	—		—
• Satun (c), 1980	8,500	58.3	
• Satun South (c)	8,000	57.6	
• South Trat (c)	—	—	
• Surat, 1971	6,800	40.0	
• Trat (c), 1981	7,500	57.3	
• Yala 1999	8,000	40.0	
Block B12/27:			
• Pailin (c), 1990	9,500	17,398	57.6
CHEVRON OFFSHORE THAILAND LTD (COTL)			
Block B8/32:			
• Benchamas 1995	7,500	}	42.0
• Benchamas North	—		20,773
• TanTawan, 1992	6,000		42.0
Block G4/43:			
• Lanta/Surin	—	3,083	—

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
CNPCHK			
Block L21/43:			
Bung Ya West/Nong Sa/Bung Mung West	—	795	—
COASTAL ENERGY			
Block G5/43:			
• Songkhal	—	5,606	—
ECO ORIENT			
Block L44/43:			
Na Sanun East	—	}	720
Bo Rang North	—		—
Block L33:			
L33	—	19	—
Block SW1:			
Na Sanun	—	}	79
Si Thep, 1990	—		33.0
Wichienburi, 1988	3,526		33.0
KRIS ENERGY			
Block G10/48:			
• Wassana	—	4,370	—
MP 85			
Block 5/27:			
• Banyen	—	—	—
• Jasmine	—	10,808	36.5
MP G1			
Block G1/48:			
• Manora	—	5,342	—
MP G11			
Block G11/48:			
• Nong Yao	—	7,052	—
OPHIR			
Block B8/38:			
• Bualuang	—	6,876	—
PTTEP			
Block 14A-16A:			
• Arthit (c)	—	10,947	—
Block 15-16:			
• Bongkot (c), 1973	7,000	13,415	56.0
Block 16-17:			
• Bongkot South (c)	—	9,545	—
• Block G8/50 (c)	—	4	—
Block S1:			
Sirikit, 1981	5,500	30,176	41.0
• Block G12/48 (c)	—	1,156	—
PTTEP INTERNATIONAL			
Block L53/43:			
Bung Krathiam	—	14	—
Block PTTEP 1:			
Kampangsan	—	}	220
Uthong	—		—
Sang Kajal	—		—
Block L54/43:			
Nong Pakchi	—	452	—
Block L22/43:			
Wang Pai Sung	—	0	—
PTTEP SP			
Block EU1 E5:			
Sin Phu Horm (c)	—	272	—
PAN ORIENT ENERGY (THAILAND) LTD.			
Block L53-A	—	2,131	—
SINO-US PETROLEUM			
Block NC:			
Bung Ya, 1984	7,800	472	36.5
Bung Muang, 1987	8,900	—	36.5

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
SIAM MOECO			
Block L11/43:			
Burapa	—	565	—
Total Thailand		230,458	
TRINIDAD AND TOBAGO			
BEACH OILFIELD			
Bonasse, 1997	2,000	9	20.0
BHP			
• Canteen	—	—	—
• Kairi	—	4,338	—
BPTTLC			
• Amherstia	—	—	50.1
• Banyan (c), 1995	15,000	—	42.8
• Cassia (c), 1973	12,700	—	50.1
• Flamboyant (c), 1993	13,700	6,692	50.1
• Immortelle (c), 1993	13,000	—	49.0
• Kapok	—	—	—
• Mahogany (c), 1998	12,960	—	46.8
• Savonette	—	—	—
DENOVO ENERGY			
Iguana (c)	—	484	—
EOG RESOURCES			
• Ibis, 1995	15,000	—	36.2
• Kiskadee (c), 1993	15,000	—	45.9
• Osprey (c), 2002	—	1,148	44.4
• Parula, 2004	—	—	—
• Pelican (c), 1990	13,000-14,000	—	45.9
HERITAGE PETROLEUM CO. LTD.			
Antilles Trinity, 1956	9,700	—	29.4
Antilles Vessigny	5,916	—	16.4
Apex Quarry, 1938	11,000	—	25.0
Balata East, 1952	6,183	—	31.6
Barrackpore, 1911	11,100	—	21.9
Beach, 1902	7,787	—	40.4
Brighton Land, 1908	7,500	—	31.3
Catshill, 1950	9,693	—	31.6
Central Los Bajos, 1926	11,147	—	13.5
Coora, 1936	14,000	—	22.5
Cruse, 1913	4,937	—	18.9
Fyzabad, 1920	11,000	—	19.2
Goudron, 1902	—	—	—
Guapo, 1963	7,500	9,967	15.1
Guayaguayare, 1902	10,750	—	40.4
Inniss, 1950	9,693	—	29.9
Los Bajos, 1973	11,147	—	19.2
Mackenzie, 1926	12,718	—	22.3
Marcelle Valley, 1911	7,215	—	40.4
Morne Diablo, 1936	14,018	—	20.4
Moruga East, 1953	9,693	—	31.9
Navette, 1959	10,750	—	40.4
Oropouche, 1944	9,100	—	30.3
Parrylands, 1913	10,626	—	18.9
Penal, 1936	11,067	—	24.7
Point Fortin Central, 1907	10,626	—	18.9
Point Fortin East, 1929	8,589	—	22.3
Point Fortin West, 1907	10,626	—	18.9
Quarry, 1938	14,000	—	22.5
Quinam, 1936	7,521	—	18.1
Siparia, 1957	9,500	—	26.3
Wilson, 1936	10,859	—	21.9
Lease operators	—	—	21.7
Farmout	—	—	26.6
HERITAGE PETROLEUM CO. LTD. (FO)			
Oropouche	—	462	—

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
HERITAGE PETROLEUM CO. LTD. (LO)			
Erin, 1926	12,718	—	22.3
Forest Reserve, 1913	11,000	6,624	20.8
Palo Seco, 1926	12,700	—	22.3
HERITAGE PETROLEUM CO. LTD. (IPSC)			
All fields	—	782	—
HERITAGE PETROLEUM CO. LTD. (OFFSHORE)			
• Fortin Offshore (FOS), 1954	—	—	29.6
• Soldado, 1955	11,000	15,496	20.0
• Point Ligoure, 1937	—	—	29.6
NEAL & MASSY ENERGY RESOURCES LTD.			
Moruga West, 1957	8,604	59	28.3
NEW HORIZON JV			
Parrylands	—	63	—
PRIMERA			
Cory Moruga Blk.	—	210	—
Icacos	—	—	—
PERENCO			
• Poui, 1974	11,650	—	33.8
• Samaan, 1971	11,780	10,375	36.0
• Teak, 1971	15,191	—	34.8
SHELL ECMA			
• Heliconia	—	—	—
• Bouganville	—	175	—
• Poinsettia	—	—	—
SHELL CB			
Central Block	—	519	—
TOUCHSTONE E&P			
• Brighton Marine, 1903	9,934	15	32.4
TRINITY E & P			
• Galeota	6,304	1,205	26.3
• Oilbelt	—	229	—
Total Trinidad and Tobago		58,852	
TUNISIA			
ENI			
Adam/Hawa/Dalia/Nour/Janet, 2002	—	337	—
• Baraka, 1998	—	94	—
• Debech	—	891	—
• Djebel Grouz, 1981	—	318	—
• El Azzel N.	—	40	—
• El Borma, 1964	8,250-8,900	5,176	41.5
• Hammouda Nord	—	143	—
• Hammouda, 1998	—	1,044	—
• Hawa	—	877	—
• Ikilil	—	41	—
• Karma	—	1,311	—
• KRd SW	—	169	—
• Larich	—	107	—
• Larich A	—	195	—
• Larich E	—	228	—
• Larich SE	—	341	—
• Larich SSE	—	64	—
• Maamoura, 1987	—	505	—
• Makhrouga	—	44	—
• Mejda	—	—	—
• Nadir	—	—	—
• Nour	—	465	—
• Oued Zar, 1993	10,900	0	40.0
*ENI production figures include NGL.			

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
PERENCO			
Baguel, 1983	—	—	—
Franig, 1981	—	—	—
PETROFAC			
• Chargui, 1992	—	—	—
BG			
• Miskar (c), 1993	11,150	—	52.8
CFPT			
Sidi El Itayem, 1971	7,500-7,800	—	44.0
CTKP (KEFPEC-ETAP-GNPCI)			
Sidi el Kilani, 1989	9,200	—	39.6
ECUMED			
• El Bibane, 1982	7,242	—	39.0
El Manzah, 1998	2,627	—	53.0
Robbana, 1988	6,600-7,000	—	43.0
ETAP			
• Cercina, 1992	4,920	—	29.0
El Hajeb/Guebiba, 1982	7,050	—	29.0
Gremda, 1982	—	—	—
Mahares, 1982	8,460-8,560	—	33.0
Rhemoura, 1991	8,850	—	33.0
ETAP-ENI (SODEPS)			
Debbech, 1980	7,550	—	42.8
Laarich, 1979	7,550	—	41.0
Makrouga, 1983	6,230	—	45.6
EXXOIL			
• Beni Khaled	—	—	—
LUNDIN			
• Oudna, 1978	5,248	—	41.0
MARETAP			
Ezzaouia, 1986	6,800	29,610	40.0
OMV			
Chourouq, 2007	—	—	—
Durra	—	—	—
PA RESOURCES			
Didon	—	—	—
SEREPT			
• Ashtart, 1971	10,500	—	29.6
Douleb/Semmama, 1966	3,937	—	39.0
Tamesmda, 1967	3,937	—	36.0
STORM			
Bir Ben Tartar	—	—	—
WINSTAR			
Chouech Essaida	—	—	—
Ech-Chouech	—	—	—
Sabira, 1979	—	—	—
• Sanhar	—	—	—
Zinnia	—	—	—
OTHER			
All fields	—	—	—
Total Tunisia*		42,000	
* Includes NGL			

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
TURKEY			
TRANSATLANTIC PET. CORP.			
Selmo, 1964	6,562	1,333	34.4
NV TURKSE PERENCO			
B. Kayakoy, 1964	6,188	—	34.7
Barbes, 1972	7,454	—	29.7
Barbes-Derin (c), 1984	10,827	—	44.8
Baysu, 1985	6,398	—	33.3
Bektas, 1985	6,070	—	33.7
Beykan, 1964	6,198	—	33.2
D. Yenikoy, 1974	6,516	—	31.3
D.Yatir, 1974	5,128	—	30.9
G. Kurkan, 1967	6,417	—	34.7
Katin, 1971	8,566	—	29.5
Kayakoy, 1961	6,834	—	38.2
Kurkan, 1963	5,318	—	31.4
Malatepe, 1970	5,528	—	33.9
Piyanko, 1968	8,304	—	35.3
Sahaban, 1966	5,869	—	34.5
Sebyan, 1973	6,644	—	33.7
Sincan, 1980	5,200	—	31.1
Yalalkoz	—	—	—
Yesildere, 1986	6,890	—	34.5
ALADDIN MIDDLE EAST LTD.			
Arpatepe, 2008	—	—	40.9
Bulgurdag, 1960	5,050	—	38.0
E. Sadak (Oymantepe), 1994	—	—	43.0
East Hasancik, 2003	—	—	12.2
Hasancik-South Hasancik, 1994	—	—	15.5-19.9
Kahta, 1958	3,412	15,990	11.0
Karakilise, 2003	8,110	—	32.6
Molla, 1974	6,901	—	29.0
Nemrut, 2006	4,588	—	18.0
Petek	—	—	35.9
S. Adiyaman, 2006	4,536	—	18.8
Zeynel, 1990	4,823	—	23.1
TPAO			
Adiyaman, 1971	5,741	—	26.7
Akgün, 1998	6,266	—	25.7
Akpınar, 1986	10,663	—	31.0
Bati Raman, 1961	4,265	—	13.0
Besikli, 1990	6,234	—	25.6
Bozova, 1996	7,936	—	24.0
Bati Firat, 1985	8,432	—	35.2
Bati Kozluca, 1984	4,970	—	12.4
Bati Selmo, 1981	5,971	—	34.3
Camurlu, 1976	4,757	—	11.7
Caylarbasi, 1993	5,250	—	11.8
Celikli, 1963	10,500	—	35.2
Cemberlitas, 1983	10,499	—	31.0
Cendere (J.V.), 1989	8,858	—	29.0
Degirmenkoy (c), 1994	3,171	—	49.0
D. Besikli, 1991	6,100	—	19.4
D. Silivanka, 1995	8,136	—	21.4
Garzan, 1951	4,757	—	24.0
G.Dincer, 1981	5,335	—	15.5
G.Karakus, 1989	7,776	—	26.5
G.Kayakoy, 1976	8,596	—	30.4
G.Sahaban, 1978	5,446	—	33.2
G.Saricak, 1973	5,250	—	31.0
Hamitabat (c), 1970	9,843	—	56.0
kizce, 1991	7,500	—	26.4
Karacali (c), 1995	4,593	—	49.0
Karacaoglan (c), 1989	11,099	—	49.0
Kumrular (c), 1970	10,335	—	49.0
Umurca (c), 1984	6,234	—	49.0
Karadut, 1992	9,514	—	38.4
Karakus, 1988	8,858	—	30.1
Kartalpe, 1982	6,562	—	32.0
Kastel (J.V.), 1990	7,874	40,177	34.7
Karaali (J.V.), 1989	9,941	—	24.6
• K.Karakus, 1990	8,497	—	29.0
K.Marmara (c), 1988	4,101	—	55.6
K.Osmancik, 1971	3,773	—	37.6

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Kayayolu, 1999	9,022		22.4
Lilan, 1997	8,104		31.6
Magrip, 1961	5,709		18.5
O.Sungurlu, 1991	9,186		37.2
Oyuktas, 1972	7,628		31.0
Raman, 1945	4,462		18.0
Saricak, 1973	5,250		31.5
Silivanka, 1962	8,202		25.2
S.Sinan, 1987	4,265		15.7
Tokaris, 1991	7,907		24.1
Yanankoy, 1994	5,741		14.0
Yenikoy, 1973	6,890		33.1
Beyçayir, 1976	7,774		26.1
Deveçatak, 1974	4,756		37.0
Germik, 1958	6,478		18.8
Kavakdere, 1995	6,724		35.5
Turgutbey, 1987	10,496		48.0
Yalankoz, 2000	7,216		21.8
Yulafli(c), 2000	6,232		49.0
Total Turkey		57,500	

TURKMENISTAN

ENI			
Balkan Uzboy	—	158	
Burun	—	12,923	
*ENI's production includes NGL.			
DRAGON			
• Dzheitune (Lam), 1967	9,800-16,500	222,919	35.0-45.0
• Dzhygalybeg (Zhdan), 1966	9,800-16,501		35.0-45.1
OTHER			
All fields	—		—
Total Turkmenistan		236,000	

UGANDA

Jobi-Rii	—		—
Kasamene	—		—
Kingfisher	—		—
Mputa	—		—
Waraga	—		—
Total Uganda			—

UKRAINE

NAFTAGAS			
OJSC UKRNAFTA			
Okhtyrka, 1961	—	54,400	—
Chernihiv	—		—
Poltava	—		—
Boryslav	—		—
Nadvirna	—		—
Dolynsky, 1959	—		—
Hlynsko-Rozbyshevsy, 1959	—		—
Hnidintivsky, 1960	—		—
Kachanivsky, 1961	—	—	
SC UKRGZVYDOBUVANNYA			
SJSC CHORNOMORNAFTOGAZ			
All fields	—		—
KASHTAN PETROLEUM			
Lelyakivsky, 1963	—		42.0
Total Ukraine		54,400	

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
UNITED KINGDOM			
ANASURIA OP. CO.			
• Guillemot A, 1979	—	2,910	37.0
• Teal South, 1992	—	10	38.0
• Teal, 1989	—	730	37.0
ANGUS			
• Brockham, 1987	—	0	—
• Lidsey	—	10	—
APACHE			
• Aviat	—	0	—
• Bacchus	—	3,290	—
• Beryl, 1972	9,900-11,500	7,660	38.9
• Brimmond	—	0	—
• Buckland, 1979	—	3,940	40.0
• Callater	—	4,340	—
• Forties, 1970	7,000	27,800	37.0
• Garten	—	6,000	—
• Linnhe	—	0	—
• Loirston	—	50	—
• Maule	—	290	—
• Ness, 1986	9,900-10,112	40	37.0
• Nevis, 1974	—	4,300	—
• Skene, 1976	—	280	—
• Storr	—	1,990	—
• Tonto	—	50	—
BLACKLAND			
Whisby	—	60	—
BP			
• Alligin	—	2,140	—
• Andrew, 1974	—	1,320	40.0
• Arundel	—	5,150	—
• Bruce (c), 1974	—	0	38.0
• Clair, 1977	—	62,470	—
• Cyrus, 1979	—	740	36.0
• Farragon, 2003	—	1,080	—
• Foinaven, 1992	—	10,540	25.0
• Kinnoull	—	11,540	—
• Loyal	—	7,250	—
• Machar, 1975	—	8,530	40.0
• Madoes, 1991	—	6,030	—
• Magnus South, 1995	—	0	—
• Magnus, 1974	9,500	0	39.0
• Marnock (c), 1984	—	420	—
• Miller	—	0	—
• Mirren	—	50	—
• Monan, 1990	—	1,250	—
• Mungo, 1989	—	8,700	—
• Schiehallion, 1993	—	68,210	26.0
CANADIAN NATURAL RESOURCES			
• Banff, 1991	—	1,220	—
• Columba D	—	0	—
• Columba E	—	1,330	38.0
• Comumba BD	—	3,370	—
• Hutton	—	0	—
• Kyle, 1993	—	1,260	—
• Lyell, 1975	—	940	36.2
• Murchison, 1975	9,900	0	36.0
• Ninian, 1974	10,000	11,590	37.0
• Playfair, 1977	—	0	—
• Strathspey, 1974	10,500	610	39.0-45.1
• Thelma, 1996	12,100	2,990	38.0
• Tiffany, 1979	13,300	2,680	34.0
• Toni, 1977	12,200	2,440	34.7
CENTRICA STORAGE HOLDINGS			
• Rough (c)	—	270	—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
CHRYSAOR HOLDINGS				EUROPA			
• Britannia, 1975	—	1,710	—	• Grouse	—	880	—
• Brodgar	—	4,210	—	• Heather, 1973	10,800	1,020	32.0 - 37.0
• Callanish	—	3,670	—	• Kittiwake, 1981	—	0	38.0
• Drake, 1982	—	60	—	• Kraken	—	30,090	—
• Enochdhu	—	2,590	—	• Kraken North	—	5,030	—
• Everest, 1982	—	2,610	—	• Magnus, 1974	9,500	14,460	39.0
• Fleming, 1982	—	350	—	• Mallard, 1990	—	1,260	38.0
• Hawkins	—	20	—	• Scolty	—	1,480	—
• Jacky	—	0	—	• Thistle, 1973	9,000	2,750	38.4
• Jade, 1997	—	1,830	—	• West Don	—	1,100	—
• Jasmine	—	5,590	—	• Ythan	—	930	—
• Joanne, 1981	—	6,640	39.0	EQUINOR ASA			
• Judy (c), 1985	—	3,100	39.0	• Barnacle	—	5,490	—
• Lomond, 1972	—	690	—	• Mariner	—	16,820	—
• MacCulloch, 1990	—	0	32.0	• Utgard	—	8,720	—
• Maria	—	2,140	—	HURRICANE ENERGY			
• Mioira	—	0	—	• Lancaster	—	12,320	—
• Munro (c)	—	0	—	IGAS			
• Murdoch (c)	—	0	—	• Avington	—	0	—
• Murdoch K (c)	—	0	—	• Beckingham	—	110	—
• North Valiant (c)	—	0	—	• Beckingham West	—	10	—
• Saturn (c)	—	0	—	• Bletchingley	—	100	—
• Seymour	—	1,100	—	• Bothamsall	—	30	—
• South Valiant (c)	—	0	—	• Cold Hanworth, 1999	—	80	28.0
• Tetjys (c)	—	0	—	• Corringham	—	50	—
• Vanguard (c)	—	0	—	• Egmanon	—	0	—
• Vulcan (c)	—	0	—	• Gainsborough	—	70	—
CNOOC-NEXEN				• Glentworth	—	90	—
• Blackbird	—	0	—	• Glentworth East, 1987	—	30	37.0
• Buzzard, 2005	—	105,190	—	• Goodworth, 1987	—	30	36.0
• Ettrick	—	0	—	• Horndean, 1982	—	130	38.3
• Golden Eagle	—	29,360	—	• Long Clawson, 1985	—	20	35.8
• Peregrine	—	2,450	—	• Lybster	—	0	—
• Rochelle	—	180	—	• Nettleham, 1983	3,870	0	35.6
• Scott, 1984	11,000	7,440	36.0	• Palmers Wood, 1983	—	60	37.7
• Solitaire	—	1,700	—	• Rempstone, 1985	—	10	34.2
• Telford, 1992	—	1,850	38.2	• Scampton	—	0	—
DECIPHER				• Scampton North, 1985	4,850	100	35.2
• Staffa	—	0	—	• Singleton, 1989	—	400	37.0
• Orlando	—	2,710	—	• South Leverton	—	0	—
DNO NORTH SEA				• Stainton, 1984	4,364	10	27.6
• Ketch (c)	—	0	—	• Stockbridge, 1984	—	270	36.8
• Schooner (c)	—	0	—	• Storrington, 1986	—	40	39.4
EGDON RESOURCES				• Welton, 1981	4,450	510	36.0
• Dukes Wood	—	0	—	INEOS INDUSTRIES			
• Fiskerton Airfield	—	20	—	• Breagh (c)	—	170	—
• Keddington, 1998	—	20	38.2	• Clipper South (c)	—	150	—
• Kirklington	—	0	—	• Maureen	—	0	—
• Waddock Cross	—	0	—	ITHACA			
ENI				• Alba, 1984	6,100-6,600	10,000	19.0-20.0
• Delilah (c)	—	0	—	• Alder	—	1,590	—
• Della	—	0	—	• Athena	—	0	—
• Douglas West	—	340	—	• Captain, 1977	2,750-3,000	27,960	19.2
• Douglas, 1990	—	2,930	44.0	• Causeway	—	0	—
• Hamilton (c)	—	70	—	• Cook, 1983	—	3,810	38.6
• Hewett (c)	—	30	—	• Erskine, 1987	—	6,840	48.0
• Lennox, 1992	—	300	45.0	• Fionn	—	0	—
ENQUEST				• Harrier	—	530	—
• Alma	—	2,920	—	• Stella	—	1,590	—
• Ardmore	—	0	—	KOREA NATIONAL OIL CORP.			
• Broom, 1977	—	1,220	—	• Barra	—	1,160	—
• Conrie	—	130	—	• Bittern	—	6,570	—
• Crathes	—	4,060	—	• Clapham, 1999	—	1,180	—
• Crawford	—	0	—	• Guillemot Northwest, 1985	—	1,080	38.0
• Deveron, 1972	9,000	1,410	38.0	• Guillemot West, 1979	—	1,190	38.0
• Don Southwest	—	2,360	—	• Harris	—	24,240	—
• Duncan	—	0	—				
• Gadwall, 1996	—	360	—				
• Galia	—	0	—				
• Goosander	—	940	—				

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
• Hudson, 1987	6,500	1,770	33.0	• Burghley	—	940	—
• Pict, 1982	—	50	—	• Carnoustie, 1980	—	40	—
• Saxon, 2005	—	40	—	• Cayley	—	1,440	—
NEO ENERGY				• Chanter, 1985	12,000	0	37.8
• Boa	—	1,680	—	• Claymore, 1974	8,100	9,690	30.0
NEPTUNE E & P				• Clyde, 1978	12,400	1,390	37.5
• Cygnus (c)	—	440	—	• Duarte, 2001	—	0	—
ONE-DYAS				• Enoch, 1985	—	1,180	—
• East Sean (c)	—	10	—	• Fulmar, 1975	—	0	40.0
• North Sean (c)	—	10	—	• Galley	—	880	—
• South Sean (c)	—	70	—	• Godwin	—	1,250	—
ONSHORE OILFIELD SERVICES				• Halley, 1981	—	0	—
Farleys Wood	—	10	—	• Hannay, 1996	—	0	—
PERENCO				• Highlander, 1976	9,372	1,510	—
Amethyst East (c)	—	0	—	• Iona, 1982	—	0	40.0
Amethyst West (c)	—	0	—	• Leven, 1981	12,400	100	39.0
Apollo (c)	—	20	—	• Medwin, 1979	—	110	—
Baird (c)	—	0	—	• Montrose, 1971	8,150	290	38.5
Bell (c)	—	10	—	• Nethan	—	90	—
• Cleeton (c)	—	10	—	• Orion, 1985	—	1,840	44.0
• Excalibar (c)	—	10	—	• Petronella	—	0	—
• Galahad (c)	—	0	—	• Piper, 1973	8,100	4,910	37.0
• Indefatigable (c)	—	40	—	• Ross, 1981	—	110	41.0
• Indefatigable Southwest(c)	—	10	—	• Saltire, 1988	10,900	0	41.5
• Kimmeridge	—	70	—	• Scapa, 1975	8,500	3,150	32.5
• Lancelot (c)	—	10	—	• Shaw	—	15,400	—
• Leman (c)	—	40	—	• Tartan, 1975	12,614	1,810	39.0
• Leman South (c)	—	10	—	• Tweedsmuir South	—	1,350	—
• Malory (c)	—	0	—	• Tweedsmuir, 2002	—	310	—
• Mercury (c)	—	10	—	• Wood, 1996	—	840	—
• Minerva (c)	—	40	—	ROCKROSE ENERGY			
• Neptune (c)	—	10	—	• Brae Central, 1976	15,000	330	33.0
• Newsham (c)	—	0	—	• Brae East, 1980	13,700	430	39.0-49.0
• Trent (c)	—	10	—	• Brae North, 1975	12,475	0	41.0-45.0
Wareham, 1964	—	100	34.0	• Brae South, 1972	13,437	3,320	33.0-35.0
• Waveney (c)	—	20	—	• Brae West, 1975	5,652	4,680	22.0
• West Sole (c)	—	10	—	• Braemar, 2003	15,793	730	46.0
• Whittle (c)	—	20	—	• Sedgwich	—	0	—
Wytch Farm, 1973	3,031-5,198	13,100	37.0-38.0	SERICA ENERGY			
EP UK INVESTMENTS				• Bruce	—	1,660	—
Humbly Grove, 1980	—	320	35.9	• Keith, 1983	—	250	38.0
PREMIER OIL				• Rhum, 1977	—	1,070	—
• Balmoral, 1975	6,800	270	39.3	SHELL			
• Brenda, 1990	—	720	—	• Atlantic	—	0	—
• Burgman	—	17,440	—	• Bardolino	—	0	—
• Caledonia, 1993	—	0	—	• Barque	—	20	—
• Catcher	—	33,200	—	• Bittern, 1996	—	0	39.0
• Glamis, 1982	10,100	0	41.5	• Brent, 1971	—	440	38.0
• Huntington	—	4,970	—	• Brigantine A (c)	—	0	—
• Nicol, 1988	—	190	—	• Brigantine B (c)	—	0	—
• Rita (c)	—	0	—	• Brigantine C (c)	—	110	—
• Shelley	—	0	—	• Brigantine D (c)	—	0	—
• Solan	—	3,440	—	• Carrack (c)	—	260	—
• Stirling, 1983	7,800	240	—	• Caravel (c)	—	70	—
• Varadero	—	12,280	—	• Clipper North (c)	—	20	—
REPSOL SINOPEC RESOURCE				• Corvette (c)	—	0	—
• Arbroath, 1969	8,100	2,940	38.0	• Curlew B • D	—	360	—
• Arkwright, 1990	—	750	40.0	• Curlew C	—	730	—
• Auk North	—	0	—	• Curlew, 1990	—	0	39.0-44.0
• Auk, 1971	—	3,920	38.0	• Cutter (c)	—	80	—
• Beatrice (A&B), 1976	6,750	0	39.0	• Egret, 1991	—	0	35.0
• Beauly	—	520	—	• Galleon (c)	—	10	—
• Bladon	—	0	—	• Gannet A, 1978	—	5,850	38.0
• Blake/Blake Flank	—	7,950	—	• Gannet B (c), 1979	—	10	—
• Blane, 1989	—	1,210	—	• Gannet C, 1982	—	60	38.0
• Blenheim	—	0	—	• Gannet D, 1987	—	510	43.0
• Brechin, 2004	—	980	—	• Gannet F, 1969	—	5,350	35.0
• Buchan, 1974	8,700	0	33.5	• Gannet G, 1998	—	2,260	38.0-40.0
				• Goldeneye	—	0	—
				• Heron, 1988	—	0	42.0
				• Howe, 1987	—	1,940	—
				• Kingfisher, 1972	—	0	40.0
				• Leman (c)	—	10	—
				• Merganser	—	910	—

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
• Nelson, 1988	—	7,660	40.0
• Penguin East, 1975	—	3,050	—
• Penguin West, 1975	—	1,250	—
• Pierce, 1976	—	11,790	38.0
• Scoter, 1989	—	700	—
• Seymore	—	0	—
• Shamrock (c)	—	10	—
• Shearwater, 1998	—	6,150	49.0
• Skiff (c)	—	0	—
• Skua	—	0	—
• Starling	—	2,160	—
SPIRIT			
• Birch, 1985	—	10	38.0
• Ceres (c)	—	20	—
• Chestnut	—	4,930	—
• Chiswick (c)	—	270	—
• Dauntless	—	0	—
• Durward	—	0	—
• Ensign (c)	—	0	—
• Eris (c)	—	30	—
• Grove (c)	—	60	—
• Kew (c)	—	70	—
• Larch, 1986	—	0	35.2
• North Morecambre (c)	—	0	—
• South Morecambre (c)	—	240	—
• Stafford, 1975	9,500	2,420	38.0
• Sycamore	—	140	—
• York (c)	—	210	—
TAILWIND ENERGY			
• Conwy	—	5,700	—
• Gannet E, 1982	—	4,770	20.0
TAQA			
• Cladhan	—	760	—
• Cormorant East	—	450	—
• Cormorant North, 1974	—	3,940	36.0
• Cormorant South, 1972	—	3,660	35.0
• Devenick (c)	—	730	—
• Eider, 1976	—	0	34.0
• Falcon	—	110	—
• Harding, 1988	—	7,570	20.0-22.0
• Kestrel, 1997	—	380	—
• Northwest Hutton	—	0	—
• Otter	—	3,860	—
• Pelican, 1975	—	2,140	35.0
• Tern, 1975	—	4,690	39.0
TOTAL SA			
• Affleck	—	0	—
• Ballindalloch	—	3,110	—
• Alwyn North, 1975	11,155	4,430	39.0
• Balloch	—	6,110	—
• Culzean	—	7,570	—
• Donan, 1987	—	820	—
• Dunbar, 1973	12,370	2,490	40.5-44.8
• Edradour	—	850	—
• Elgin, 1991	—	26,390	—
• Ellon, 1972	10,770	460	—
• Flyndre	—	3,910	—
• Forvie North (c)	—	170	—
• Franklin	—	28,870	—
• Glenelg	—	950	—
• Glenlivet	—	1,350	—
• Grant (c), 1977	—	710	—
• Gryphon, 1987	—	2,520	21.4
• Islay (c)	—	30	—
• James, 2003	—	0	—
• Janice, 1990	—	0	36.0
• Jura	—	480	—
• Laggan	—	1,430	—
• Leadon	—	0	—
• Lochranza	—	1,970	—
• Maclure, 1991	—	3,070	—
• Nuggets N1 (c)	—	0	—
• Tormore	—	660	—

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
• Tullich, 2003	—	4,390	38.0
WINTERSHALL			
• Wingate (c)	—	10	—
Total United Kingdom		1,056,540	

UNITED STATES *

Alabama, 1944	—	13,307	—
Alaska, 1905	—	465,608	—
Arizona, 1958	—	19	—
Arkansas, 1921	—	12,630	—
California, 1861	—	454,614	—
Colorado, 1887	—	519,745	—
Florida, 1943	—	4,671	—
Idaho, 2010	—	60	—
Illinois, 1889	—	22,584	—
Indiana, 1889	—	4,326	—
Kansas, 1889	—	90,940	—
Kentucky, 1860	—	6,863	—
Louisiana, 1902	—	1,643,353	—
Michigan, 1900	—	13,951	—
Mississippi, 1889	—	46,241	—
Missouri, 1889	—	233	—
Montana, 1916	—	62,923	—
Nebraska, 1939	—	5,233	—
Nevada, 1954	—	732	—
New Mexico, 1911	—	902,693	—
New York, 1865	—	751	—
North Dakota, 1951	—	1,421,573	—
Ohio, 1860	—	76,819	—
Oklahoma, 1891	—	580,296	—
Pennsylvania, 1859	—	17,964	—
South Dakota, 1954	—	3,195	—
Tennessee, 1860	—	551	—
Texas, 1889	—	5,449,836	—
Utah, 1907	—	100,534	—
Virginia, 1943	—	16	—
West Virginia, 1860	—	46,019	—
Wyoming, 1894	—	279,737	—
Total United States		12,248,016	

*Discovery date indicates first year of production in state.

UZBEKISTAN

TETHYS PETROLEUM

North Urtabulak	8,202	—	
UZBEKNEFTEGAZ			
Achisu, 1979	11,483	36.0	
Alamyshik North, 1973	8,038	39.0	
Alamyshik South, 1945	1,444-5,249	39.0-44.0	
Andizhan, 1935	1,089-2,953	32.0-36.0	
Awal, 1955	2,953	36.0	
Awal East, 1954	3,609	35.0	
Boston, 1952	1,148-8,858	34.4-43.0	
Chaur-Yarkutan-Chimion, 1904	984-1,148	31.0-31.7	
Chongara-Gal'cha, 1949	1,312	31.0	
Gumkhana, 1976	14,108-15,420	34.0	
Khandym-Khauzak-Shady	—	—	
Kassansay, 1986	5,577	33.0	
Khankyz, 1957	4,462-5,577	26.0-29.0	
Khartum, 1957	7,093-13,451	40.0-44.0	
Khartum East, 1984	6,562	40.0	
Khodzhaosman, 1956	1,886	40.0	
Kokdumalak	9,842	—	
Makhram, 1984	11,483	36.0	
Mingbulak, 1983	17,208-19,354	30.2-42.1	
Namagan, 1959	11,647	35.0	
Obi-Shifo, 1982	2,297	34.0	
Palvantash, 1943	1,148-2,690	31.0-34.0	
Palvantash West, 1955	4,593-7,776	30.0-39.0	
Sharikhhan-Khodzhiabad, 1948	1,706-7,930	34.0-43.0	
Shorbulak, 1973	12,631	36.0	
Shorsu IV, 1927	984-1,640	31.0-35.0	

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Sokh N., 1956	3,510-6,890		35.0-37.0
Tasravet, 1983	2,625		37.0
Tergachi, 1978	10,827-14,108		36.0
Varyk, 1971	10,499-12,467		31.0-40.0
Varyk II, 1978	14,764-16,732		36.0-41.0
Total Uzbekistan		54,000	

VENEZUELA

PDVSA/ANZOATEGUI

Bare, 1980	3,800		10.2
Cerro Negro, 1980	1,200		7.5
Dobokubi	—		—
Huyapari, 1979	—		—
Melones, 1952	4,900		11.4
Zuata Norte	—		—
Zuata Principal, 1985	900-4,900		7.0

PDVSA/MONAGAS

Boqueron, 1990	18,250		32.7
Cerro Negro, 1980	1,200		7.5
El Carito	—		—
El Furrial, 1986	15,000		26.3
Jobo, 1956	3,600-4,000		10.8
Jusepin, 1938	4,253		28.2
Mulata, 1941	16,500		28.8
Orocual, 1953	5,300		38.0
Santa Barbara, 1941	5,020-18,000		29.3
Travi	—		—
Uverito	—		—

PDVSA/SUCRE

Corocoro	—		—
----------	---	--	---

PDVSA/ZULIA

Boscan, 1946	—		—
Centro, 1959	9,800-11,000		33.6
Ceuta, 1956	16,380		30.2
Lago, 1959	11,450		34.3
Lagunillas Lago, 1925	3,490		22.0
Lagunillas Tierra, 1925	—		—
Tia Juana Lago, 1926	8,300		25.0
Tia Juana Tierra, 1925	—		—
Urd. Este Lago	—		—
Urd. Oeste Lago	—		—

PDVSA/ANZOATEGUI

Adas, 1957	5,000		13.9
Adm 101X, 1955	7,320		19.2
Adobe, 1953	7,776		23.3
Adobe C	7,000		12.2
Araibel, 1955	11,300		33.8
Araibel-R, 1954	11,400		34.2
Arecuna, 1979	4,070		11.2
Boca, 1951	9,500		32.2
Boca-R, 1951	8,400		28.2
Bote, 1959	8,800		23.9
Bucanal, 1958	10,400		46.0
Cachama-R, 1952	8,700		28.6
Cachicamo, 1949	4,600		21.0
Caico Este, 1951	8,600		30.3
Caico Seco, 1946	7,700		38.1
Cantaura, 1959	12,300		41.5
Capacho, 1945	6,100		23.3
Caracoles, 1952	7,400		30.2
Caricari, 1977	5,500		21.0
Carina, 1982	4,000		10.9
Caz-501x, 1952	—		36.3
Chimire, 1948	7,000-7,200		34.1
Chimire Norte, 1953	8,900		35.0
Chimire-Chv, 1949	7,500		30.0
Chimire-R, 1949	7,400		33.9
El Robie, 1939	3,500-11,000		49.3
El Toco, 1948	8,000		44.3
Elotes, 1954	5,000-6,470		34.1

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Elotes Norte, 1973	—		36.1
Esquina Sur, 1952	6,800		34.2
Esquina-R, 1951	6,800		31.7
Finca, 1953	—		37.3
Freites, 1949	10,400		35.5
Ganso, 1948	6,300		18.7
GG-401, 1951	8,100		28.7
GM-2, 1941	6,800		19.2
GM-4, 1946	7,000		29.7
Guara Central, 1946	5,000-10,000		18.2
Guara Este, 1942	7,300		23.6
Guara Oeste, 1942	7,000		28.9
Guario, 1940	8,000		38.5
Guere, 1950	8,000		38.6
Guico, 1944	4,500-7,000		25.4
Guico Oeste, 1946	7,300		35.5
Guico Sur, 1946	6,900		28.0
Inca Isia, 1948	7,250		38.2
Ira, 1957	6,300		34.7
Junta, 1953	8,000		17.6
Kaki, 1955	10,200		41.1
La Ceiba, 1946	9,450		41.9
La Ceibita, 1963	9,878		42.0
La Viejo, 1950	5,200		19.3
Lejos, 1952	5,500		11.6
Leona, 1938	2,200-12,800		26.7
Lestes, 1956	7,400		15.7
Levas, 1952	6,500		17.0
Libro, 1956	6,700		12.7
Lido, 1940	9,000		25.4
Limon, 1947	9,500		25.9
Lobo, 1952	7,100		15.1
Mapiri, 1949	10,500		39.5
Mapiri C., 1950	10,200		32.2
Mapiri E., 1952	10,500		35.8
Mapuey, 1953	8,000		39.2
Mata, 1954	9,900-12,500		25.9
Mata-R., 1953	12,300		37.3
Maulpa, 1950	6,000		45.1
Melones C., 1974	4,622		11.4
Merrey, 1937	5,400-5,700		12.5
Miga, 1953	4,600		12.3
Nardo, 1952	10,100		25.5
Nieblas, 1954	9,400		30.6
Nigua, 1953	11,600		26.0
Nipa, 1945	6,000-8,500		31.9
Nipa 100, 1957	9,600		26.8
Nipa C, 1946	8,100		32.5
Nipa Oeste, 1954	9,200		33.1
Oca, 1953	5,600		16.7
Oficina Central, 1937	5,900		26.1
Oficina Norte, 1946	6,900		29.6
Oleos, 1934	5,000		13.0
Oscurote, 1952	10,300		24.6
Oscurote-Norte, 1952	9,513		24.2
Ostra, 1943	5,700		16.9
Oueja, 1942	4,800		16.5
Pato Este, 1988	13,700		41.9
Pradera-R, 1949	7,300		33.3
Quiamare, 1942	8,500		39.6
Rincon Largo, 1941	8,900		40.5
Rosa R.V., 1958	11,600		38.8
San Joaquin, 1938	8,600		42.9
Santa Ana, 1936	9,200		40.1
Santa Fe, 1953	11,900		43.1
Santa Rosa, 1941	9,800		45.7
Sanvi, 1959	6,100		31.7
Socororo, 1940	5,000		20.2
Soto Este, 1950	11,100		33.0
Soto Norte, 1953	11,700		35.8
Tascabana, 1951	7,500		29.0
Trico, 1941	6,100		31.1
Yopales Central, 1937	4,600		22.6
Yopales Norte, 1943	5,400		29.0
Yopales Sur, 1953	4,700		16.7
Zacarias, 1959	15,100		40.6
Zanjas, 1958	13,270		38.1
Zapatos, 1955	11,500		32.4

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
Zarza, 1957	13,200		43.2	Las Piedritas, 1993	16,000		
Zorro, 1953	11,100		29.3	Manresa, 1954	—		27.0
Zulus, 1957	12,710		35.8	Mata Acema, 1946	9,500-12,500		—
Zumo, 1954	9,200		25.3	Mata Grande, 1946	5,700		26.1
Zumo Norte, 1955	11,100		22.0	Morichal, 1958	3,312		10.2
				Muri, 1942	5,263		—
PDVSA/BARINAS				Onado, 1961	4,800-15,300		23.2
Caipe, 1967	10,900		24.7	Oritupano, 1950	7,657		18.4
Estero, 1958	10,700		—	Oritupano Norte, 1954	8,750		23.4
Guafita, 1982	8,500		29.1	Oritupano Sur, 1954	9,680		17.7
Hato Viejo, 1956	9,550		22.7	Pilon, 1937	4,200		10.7
La Victoria, 1987	10,900		29.8	Pirital, 1958	450-12,000		29.9
Maporal, 1957	10,950		25.7	Quiriquire, 1928	7,000-7,200		33.1
Paez (Mingo), 1963	8,900		19.9	San Vicente	—		—
Palmita, 1957	10,600		27.8	Tacat, 1953	1,820-3,670		15.0
Sinco, 1953	8,500-9,100		21.5	Temblador, 1936	3,500-4,500		14.3
Silvan, 1949	10,860		26.8	Travieso, 1946	5,300		—
Silvestre, 1948	8,860		22.1				
Torunos, 1994	11,800-12,400		28.8	PDVSA/PETROWARAO			
Borburata, 1996	11,800		30.1	Ambrosio/La Rosa, 1917	2,337		33.3
Bejucal, 1996	11,500		29.0	Pedernales, 1932	3,490-7,000		21.2
PDVSA/BARIPETROL							
Colon	—		—	PDVSA			
PDVSA/FALCON				Alpuf, 1926	2,200-17,100		28.2
Cumarebo, 1931	5,000		46.1	Alturitas, 1948	11,400-18,500		29.7
Tiguaje, 1953	5,000		26.4	• Bachaquero, 1930	1,800-14,185		22.4
				Barua, 1928	9,200-15,500		20.8
PDVSA/GUARICO				Cabimas, 1917	2,200		22.4
Altas, 1960	6,000	920,000	39.8	Dacion, 1948	6,000		20.0
Anibal, 1955	5,500		—	Garcia, 1928	5,400-17,500		22.5
Barso, 1959	5,800		29.3	La Concepcion, 1953	3,148-8,000		22.5
Belen, 1953	4,500		—	La Ensenada, 1984	15,400		36.5
Bella Vista, 1952	4,300		28.1	La Paz, 1925	4,268-8,000		27.6
Budare, 1958	4,523		31.1	• Lama, 1957	8,320		32.2
Cocomon, 1951	—		50.5	• Lamar, 1958	13,000		33.5
Copa, 1951	7,800		41.1	Las Cruces/Los Manueles, 1916	4,300		39.0
Coporo, 1954	6,500		30.0	Machiques, 1981	13,500		35.9
Cosi, 1954	6,500		25.6	Mara, 1928	5,240		26.6
Dakoa, 1954	5,400		30.5	Mene Grande, 1914	4,130		21.7
Grico, 1946	4,200		27.0	Motatan, 1952	8,400-15,900		22.0
Guavinta, 1948	3,900		26.6	Punta Ico tea La Rosa, 1917	2,337		—
Ipire, 1958	5,400		14.9	Rosario, 1959	4,800		37.4
Jobal, 1960	7,600		41.3	San Jose, 1947	10,900-17,200		28.9
Las Mercedes, 1942	4,500		25.4	San Julian, 1980	18,500		32.7
Macoya, 1972	7,700		48.3	Sibucara, 1948	3,000-15,000		37.0
Palacio, 1946	3,800		22.6	• Sur Lago, 1967	13,900-19,000		33.6
Piragua, 1949	4,500		—	Totumos, 1980	11,900-14,000		30.0
Punzon, 1947	4,900		32.4	Urdaneta Oeste, 1955	—		—
Returnbo, 1955	5,200		—	• Urdaneta, 1955	4,800		37.4
Ruiz, 1949	4,500		27.2	West Tarra, 1942	4,250-5,500		39.2
Saban, 1947	4,000		47.3				
Socorro, 1948	6,600		54.7	PETROZUATA			
Taman, 1949	4,100		38.7	Petrozuata	—		—
Tucupido, 1946	5,000		46.3	PETROLERA AMERIVEN			
Valle 13, 1947	5,700		—	Hamaca	—		—
Valle 3, 1957	5,000		33.1	PETRODELTA			
Yucal-Placer	—		—	Bombal	—		—
				El Salto	—		—
PDVSA/MONAGAS				Temblador	—		—
Acema 100, 1965	12,500		29.0	Tucupita, 1945	5,754		13.1
Acema 200, 1966	12,100		23.8	Uracoa, 1934	4,750		10.8
Acema 300, 1966	11,900		26.3				
Acema 400, 1968	12,400		20.7	PETROBRAS ENERGIA			
Acema 500, 1967	11,400		23.2	Oritupano-Leona, 1938	—		—
Acema A, 1960	13,100		26.4				
Acema B, 1971	12,600		20.1	Total Venezuela		920,000	
Acema Casma, 1972	12,000		22.8				
Aguasay	—		—				
Aguasay 3, 1957	13,800		37.1	VIETNAM			
Aguasay C, 1955	8,100-13,400		35.8	CUU LONG JOINT OPERATING			
Aguasay E, 1959	13,950		34.3	• Su Tu Den (Black Lion), 2000	—		36.0
Aguasay N, 1972	1,590		42.4	• Su Tu Vang (Golden Lion)	—		—
Amarillis, 1989	16,000		41.9	• Su Tu Vang Northeast	—		—
Carisito, 1984	15,100		41.7	• Su Tu Vang Southwest	—		—
Carito, 1988	16,000		31.4	• Su Tu Trang (c)	—		—
El Corozo, 1987	19,000		26.8				
Florida, 1987	14,100		39.2				

WORLDWIDE PRODUCTION

Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity	Name of field, discovery date	Depth, ft	2019 production, avg. b/d	°API gravity
• Su Tu Nau	—	—	—	Block 51:			
• Su Tu Den Dong Bac	—	—	—	Bashir Al-Khair A	—	—	—
DAI HUNG CORP.				Bashir Al-Khair B	—	—	—
• Dai Hung (Big Bear), 1985 ..	200-330	—	34.0	Bashir Al-Khair K	—	—	—
HOAN VU JOC				Dais, 2001	—	—	32.0
• Ca Ngu Vang (Golden Tuna) .	—	—	—	N.E. Camaal, 2001	—	—	27.0-39.0
HOANG LONG JOC				Naar-4, 2004	—	—	20.0
• Te Giac Trang	12,000	—	—	Ressib, 2004	—	—	28.0
JAPAN VIETNAM PETROLEUM				S Ressib, 2005	—	—	38.3
• Phuong Dong	—	—	—	OCCIDENTAL PETROLEUM			
• Rang Dong (Dawn), 1994 ..	—	—	—	Block S1:			
PCVL				An Nagyah, 1992	3,350	—	35.0-48.0
• Hong Ngoc	—	250,000	—	Harmel, 2000	1,526	—	20.0
• Ruby	—	—	—	OMV			
• Pearl	—	—	—	Block S2 - Al-Uqlah	—	61,000	35.0-42.0
• Topaz	—	—	—	SAFER			
PETROFAC				Block 18:			
• Cendor	—	—	—	Alif, 1984	5,750	—	45.0
PREMIER OIL PLC				Al-Raja, 1989	8,000	—	53.0
• Chim Sao	—	—	—	Al-Shura, 1989	7,600	—	45.0
TML				Al-Wihdah, 1990	7,500	—	40.3
• Bunga Kekwa, 1991	7,000	—	38.0	Asa'ad Al-Kamil, 1987	6,100	—	48.0
• Bunga Raya	—	—	—	Assaeida	—	—	35.0-48.0
• Bunga Tulip	—	—	—	Azal, 1987	6,850	—	43.0
TRUONG SON JOC				Jabal Assama	—	—	35.0-48.0
• Song Doc	—	—	35.8	Jabal Barat, 1996	7,370	—	57.4
VIETSOVPETRO				Jabal Nuqum, 1988	3,780	—	44.0
• Bach Ho (White Tiger), 1981	120-160	—	34.0	Mauze	—	—	35.0-48.0
• Nam Rong	—	—	—	Raydan, 1986	2,875	—	26.0
• Rong (Dragon), 1983	120-160	—	34.0	W. The Yazen	—	—	35.0-48.0
Total Vietnam		250,000		Wadi Bana, 1992	6,670	—	41.0
YEMEN				JANNAH HUNT OIL CO.			
CALVALLEY				Block 5:			
Block 9:	—	—	—	Al Nasr	—	—	—
Al Roidhat, 2004	—	—	15.0	Dhahab	—	—	—
Auqban, 2002	5,413	—	40.0	Halewah	—	—	—
Hiswah	3,609	—	35.0	KOREA NATIONAL OIL CO.			
DEN NORSKE OLJESELSKAP ASA				Block 4:			
Block 43: Nabrajah, 2004 ..	5,500	—	—	Amal, 1986	—	—	35.0-48.0
Block 32: Tasour, 1998	5,700	—	29.0	E. Ayad, 1986	—	—	35.0-48.0
DOVE ENERGY				W. Ayad, 1986	—	—	35.0-48.0
Block 53: Sharyoof, 2001 ..	—	—	28.0-32.0	TOTAL			
CNOOC-NEXEN				Block 10:			
Block 14:				Atuf, 1995	—	—	28.0-41.0
Bainoon-Naziah, 1993	—	—	27.6-36.0	Khair, 1993	5,722	—	28.0-41.0
Camal, 1991	—	—	30.0-33.0	Wadi Taribah, 1995	8,818	—	28.0-41.0
Dahban, 1997	—	—	30.0	Total Yemen		61,000	
Harw, 1992	—	—	28.0				
Hijah, 1991	—	—	25.0-30.0				
Himair, 1991	—	—	18.0-22.0				
Jabal Assalab	—	—	—				
N. Camal, 1992	—	—	31.0-36.0				
N.E. Suna, 1994	—	—	30.0				
Qataban, 1999	—	—	27.0-44.7				
S. Himair, 1992	—	—	19.0				
Suna, 1991	—	—	30.0-34.0				
Tawilah, 1992	—	—	34.0				
W. Himair, 1994	—	—	19.0				