

Oil and Gas Joint Ventures in Russia

<u>COMPANY</u>	<u>LOCATION</u>	<u>REMARKS</u>
<p>Agio Countertrade Indian Key Systems</p> <p>FSU Partner: Central Geophysical Union</p>	<p>Russia</p> <p>European Russia</p> <p>Samara region, Volga-Urals</p>	<p>Aljeok JV for well workovers. Last update 3/96</p> <p>STATUS: O (Operating, Contract, Negotiations, Talking stage)</p>
<p>Agio Countertrade</p> <p>FSU Partner: Nefteotdacha</p>	<p>Russia</p> <p>European Russia</p> <p>Udmurtia</p>	<p>Nefteotdacha-Agio Intl JV to develop the Lomovskoye and Onchuginskoye fields, as well as fields in Kazakhstan. Last update 3/96</p> <p>STATUS: N (Operating, Contract, Negotiations, Talking stage)</p>
<p>Agip</p> <p>FSU Partner: Lukoil</p>	<p>Russia</p> <p>West Siberia</p>	<p>JV for oil and gas exploration & production. Last update 3/96</p> <p>STATUS: C (Operating, Contract, Negotiations, Talking stage)</p>
<p>Aminex East West Oil</p> <p>FSU Partner: Komineft</p>	<p>Russia</p> <p>European Russia</p> <p>Komi Republic</p>	<p>Amkomi JV to workover North Aresskoya & Isakovakoya fields; producing 2,000 barrels/day (up from 1,150 pre-venture); prominent East West shareholder is Zarubeznefti. Exempt export tax. Last update 3/96</p> <p>STATUS: O (Operating, Contract, Negotiations, Talking stage)</p>
<p>Aminex</p> <p>FSU Partner: Komineft</p>	<p>Russia</p> <p>European Russia</p> <p>Komi Republic</p>	<p>JV to develop Kirtayel fields 60 miles from their Amkomi JV. Last update 10/95</p> <p>STATUS: C (Operating, Contract, Negotiations, Talking stage)</p>
<p>Amoco</p> <p>FSU Partner: Yuganskneftegaz</p>	<p>Russia</p> <p>West Siberia</p> <p>Priobskoye Field</p>	<p>JV to develop the oil and gas field in the Khanty-Mansiisk region. Initial investment \$183 million. Last update 3/96</p>

		STATUS: N (Operating, Contract, Negotiations, Talking stage)	
<u>COMPANY</u>		<u>LOCATION</u>	<u>REMARKS</u>
AMP		Russia	Field development. Last update 3/93
		West Siberia	
FSU Partner:		Tomsk	
			STATUS: N (Operating, Contract, Negotiations, Talking stage)
AMP		Russia	Field development. Last update 3/93
		Other Russia	
FSU Partner:		Sakhalin	
			STATUS: N (Operating, Contract, Negotiations, Talking stage)
Anderman-Smith		Russia	JV to develop Nizhnevartovsk field; received OPIC backing of \$40 million. Last update 4/94
		West Siberia	
FSU Partner:	Chernogorneft		
			STATUS: N (Operating, Contract, Negotiations, Talking stage)
Anderman-Smith	Itochu	Russia	Chernogorskoye JV for field development by St.Mary Land & Exploration subsidiary Anderman-Smith is producing 5,000 -8,000 b/d . Received the EBRD's and EX-IM Bank's First set of credit awards to private oil enterprises in Russia. Last update 11/95
		West Siberia	
FSU Partner:	Chernogorneft	Chernogorskoye field - near Samatlor field	
			STATUS: O (Operating, Contract, Negotiations, Talking stage)
Anglo-Suisse	Salomon	Russia	Golden Mammoth JV to develop oilfields: Bakhilovskoye, Verkhnekolik, Khokhryakovskoye, Varenskoye. Last update 3/96
		West Siberia	
FSU Partner:	Var'yeganneftegaz		
			STATUS: N (Operating, Contract, Negotiations, Talking stage)
Anglo-Suisse		Russia	Northern Lights JV for exploration. Last update 12/91
		West Siberia	
FSU Partner:	Var'yeganneftegaz		
			STATUS: N (Operating, Contract, Negotiations, Talking stage)

<u>COMPANY</u>		<u>LOCATION</u>	<u>REMARKS</u>
Anglo-Suisse	Salomon	Russia West Siberia	White Nights JV operating & producing 16,000 b/d at West Varyegansky and Agrinsky fields. Last update 3/96 STATUS: O (Operating, Contract, Negotiations, Talking stage)
FSU Partner: Var'yeganneftegaz			
Arco		Russia European Russia	JV to be broad partnership that will undertake up to \$3 billion unspecified projects. Arco's share will be 46%. Last update 3/96 STATUS: N (Operating, Contract, Negotiations, Talking stage)
FSU Partner: Lukoil			
Baker Tools		Russia Other Russia	Oil field services. Last update 7/94 STATUS: C (Operating, Contract, Negotiations, Talking stage)
FSU Partner: Sidanco			
Benton		Russia West Siberia	Geoilbent JV operating North Gubkinskoye & Prisklonovoe fields with 300 million barrels of reserves. Geoilbent was the first JV to produce oil from a new Russian oil/gas field. Producing/exporting 8,500 b/d. Last update 3/96 STATUS: O (Operating, Contract, Negotiations, Talking stage)
FSU Partner: Purneftegasgeologia & Purneftegaz			
Beta	Star Valley	Russia	Komiquest JV formed for well workovers in Vozeyskiy and other fields. Production started 9/92. Operating & producing 4,400 b/d from 23 workovers. Potential 100,000 b/d. Bought by Beta 4/25/94 from Quest. Last update 4/94 STATUS: O (Operating, Contract, Negotiations, Talking stage)
Callina		European Russia	
FSU Partner: Komineft/Usinsk NGDU		Vozey 60 miles north Usinsk	
Beta		Russia European Russia Stavropol Kray in North Caucasus	Black Gold JV for upgrading performance of 4 fields and additional exploration. Investment of \$187 million over next decade to develop 300 million barrels of proved reserves. Peak production in 1999. Genesis sold JV share to Beta. Last update 3/96
FSU Partner: Stavropolneftegaz			

STATUS: C (Operating, Contract, Negotiations, Talking stage)

<u>COMPANY</u>	<u>LOCATION</u>	<u>REMARKS</u>
BHP FSU Partner: Gazprom/Rosshelf	Russia European Russia 36 miles offshore Pechora Sea	JV to develop Prirazlomonye field. 1998 production goal is 124,000 b/d oil. The fields contain about 40 percent of Russia's offshore hydrocarbon resources. Last update 3/96 STATUS: N (Operating, Contract, Negotiations, Talking stage)
Bitech FSU Partner:	Russia Other Russia Irkutsk, near Lake Baikal	Development of 1.8 billion barrel oilfield, as well as natural gas and condensate. \$5 billion project will include construction of a pipeline to get oil/gas out to markets. Last update 3/93 STATUS: C (Operating, Contract, Negotiations, Talking stage)
British Gas FSU Partner: Komineft	Russia European Russia 60 miles north Usinsk	Komiartcooil JV for development of Vozey/Upper Vozey fields. Enhanced oil recovery (EOR) for Vozey fields. First oil company in Russia to receive credit (\$80 million) from EBRD. Exported 16,000 b/d 6/93. Gulf Canada pulled out. Last update 3/96 STATUS: O (Operating, Contract, Negotiations, Talking stage)
Calgary Overseas Development FSU Partner: Kogalymneftegaz	Russia West Siberia	JV for maintenance and servicing of 500 wells. \$150 million investment. Last update 3/96 STATUS: O (Operating, Contract, Negotiations, Talking stage)
Camco FSU Partner: Urengoigazprom	Russia West Siberia Urengoi field	Tyumengazkamko JV to increase production of oil in giant Urengoi field near the Arctic Circle. Received Ex-Im Bank approval. Last update 3/96 STATUS: O (Operating, Contract, Negotiations, Talking stage)
CIR Naptha	Russia West Siberia	JV for oil exploration in the Tomsk region. Last update 1/92

FSU Partner:

STATUS: N (Operating, Contract, Negotiations, Talking stage)

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Coastline Equity FSU Partner: Yeniseygeofizika	Russia West Siberia Krasnoyarsk - East Siberia	Symskaya Exploration JV for exploration & development of 1.1 million acres. Last update 1/92 STATUS: C (Operating, Contract, Negotiations, Talking stage)
Conoco FSU Partner: Archangelskgeologiya	Russia European Russia Nenets - White/Barents Seas	Polar Lights JV for \$3 billion exploration/development of Ardalinsky/Dosyushevsky/Kovinsky fields . 1st OPIC & World Bank funding in CIS. 1st grassroots development major oil field in CIS; 25,000 b/d by 1996. Last update 3/96 STATUS: O (Operating, Contract, Negotiations, Talking stage)
Conoco Neste Norsk Hydro Total FSU Partner: Gazprom/Rosself	Russia European Russia Barents Sea about 370 miles NE Murmansk	Develop offshore Shtokman gas field with 100 tcf gas reserves. Last update 3/96 STATUS: N (Operating, Contract, Negotiations, Talking stage)
Crystal FSU Partner: Orenburgneft	Russia European Russia Orenburg Region - 800 miles SE Moscow	JV for well workovers and enhanced oil recovery from Pokrovskoye and Pronkinskoye oil fields. Last update 3/96 STATUS: N (Operating, Contract, Negotiations, Talking stage)
Daewoo Kohap Korea Gas Lucky Gold Star Pedeco Pohang Samsung Ssangyong Yukong FSU Partner:	Russia Other Russia Yakutsk	JV for gas exploration/ 3,000 mile gas pipeline construction. Gas potential is 2.7 billion cubic feet/day. Ultimate investment could reach \$15-20 billion. Last update 3/96 STATUS: N (Operating, Contract, Negotiations, Talking stage)
Dana Petroleum	Russia	YoganOil JV to develop the 30-40 million barrel South Vat-Yoganshkoye field. Exports to begin mid-1996. Last update 3/96

	West Siberia near Kogalym	
FSU Partner: Lukoil/Kogalymneftegaz		STATUS: O (Operating, Contract, Negotiations, Talking stage)

<u>COMPANY</u>	<u>LOCATION</u>	<u>REMARKS</u>
Dana Petroelum	Russia West Siberia near Surgut	JV to develop 130 million barrels proved/probable reserves in Sortymskoye field; Dana has 30% interest. Last update 10/95
FSU Partner: Tyumenneftegaz/ Obneftegazgeologiya		STATUS: C (Operating, Contract, Negotiations, Talking stage)
Deminex Preussag	Russia European Russia Volgograd	Volgademinoil JV for exploration/development/production in 4 blocks near Volgograd. Last update 3/96
FSU Partner: Nizhnevolzhskneft		STATUS: C (Operating, Contract, Negotiations, Talking stage)
Eastman Christensen Halliburton	Russia European Russia Tatarstan	JV for horizontal drilling projects. Last update 1/92
FSU Partner: Tatneft		STATUS: O (Operating, Contract, Negotiations, Talking stage)
Energy World Trade	Russia European Russia Prikuma (eastern Stavropol)	JV for oilfield development existing fields and exploration of Stavropol area. Last update 1/92
FSU Partner: Stavropolneftegaz		STATUS: C (Operating, Contract, Negotiations, Talking stage)
Enforce	Russia European Russia North Caucasus - near Chechen N. Grozny	\$100 million venture for well workovers, directional drilling, and enhanced oil recovery (EOR). Last update 5/93
FSU Partner:		STATUS: C (Operating, Contract, Negotiations, Talking stage)

Equity	Russia	Exploration JV in East Siberia. Last update 3/96
	Other Russia	
	Krasnoyarsk	
FSU Partner:		STATUS: N (Operating, Contract, Negotiations, Talking stage)

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Eurogas	Russia	Urengoil JV to explore/develop/produce oil, gas, and condensate from the Yaro-Yakinsk field. Last update 3/96
	West Siberia	
	Yamalo-Nenetsky Autonomous Okrug, Tyumen	
FSU Partner: Urengoyneftegasgeologiya		STATUS: C (Operating, Contract, Negotiations, Talking stage)

Eurosov	Russia	Producing at 4,000 b/d.. Reserves estimated at 1.7 billion barrels. Eurosov formed the JV with the Siberian Oil Corporation (Nizneartovsk), or Sinco, for field development. Magma is part of Sinco. Last update 3/96
	West Siberia	
	Tyumen - Yuzhnoye field	
FSU Partner: Magma Oil (Sinco)		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Exxon	SODECO	Russia	Sakhalin I JV to develop 4 offshore fields (Arkutunskoye, Chaivo, Darginskoye, Odoptu) with over 1 billion barrels oil and 6 Tcf gas reserves. Last update 3/96
		Other Russia	
		Sakhalin Island	
FSU Partner: Rosneft/Sakhalinmorneftegaz			STATUS: N (Operating, Contract, Negotiations, Talking stage)

Fountain		Russia	JV to develop Maykop gas condensate field. Last update 3/96
		European Russia	
		Caucasus - Adgeyskaya AO	
FSU Partner: Gazprom			STATUS: N (Operating, Contract, Negotiations, Talking stage)

Fracmaster	Royal Dutch Shell	Russia	Yuganskfracmaster JV for field development and well stimulation at Mamontovo oilfield. Producing 33,000 b/d early 1994. Last update 3/96
		West Siberia	
		Surgut	
FSU Partner: Yuganskneft			STATUS: O (Operating, Contract, Negotiations, Talking stage)

Fracmaster	Pan Canadian	Russia West Siberia Samatlor region of Tyumen	Samatlor PanCanadian Fracmaster Services JV for well stimulation/ horizontal drilling/well servicing of Samatlor and Yermakovskoye oilfields. Exported 16,000 b/d 6/93. Last update 3/96
FSU Partner: Samatlorneft NGDU			STATUS: O (Operating, Contract, Negotiations, Talking stage)

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Fracmaster		Russia West Siberia Tomsk - Vakh oilfield	Vakh Fracmaster JV for well stimulation and development of Vakh oilfields. Producing 20,000 b/d 6/93. Last update 4/96
FSU Partner: Tomskneft			STATUS: O (Operating, Contract, Negotiations, Talking stage)

Fracmaster		Russia West Siberia	Vasyugan Services Joint Enterprise for well fracturing of Soviet, Malorechinskiy, and other fields. Awarded EBRD & World Bank (IFC) loan for \$10 million. Last update 3/96
FSU Partner: Tomskneft & Vasyugan Production Association			STATUS: N (Operating, Contract, Negotiations, Talking stage)

Framatone	European Gas Turbine	Russia West Siberia Surgut	JV for flared gas recovery at Surgut and Pour oilfields. \$600 million investment to recover up to 315 billion cubic feet gas/year. Last update 3/92
FSU Partner: Sofregaz			STATUS: N (Operating, Contract, Negotiations, Talking stage)

Gardes Directional Drilling		Russia European Russia Orenburg in Volga-Urals region	JV for horizontal drilling and field development of Vorontsovskoe and Rodinskoe fields. Last update 1/92
FSU Partner: Orenburgneft (OBN)			STATUS: C (Operating, Contract, Negotiations, Talking stage)

Gaz de France		Russia European Russia St. Petersburg	Spbvergaz JV to renovate the gas pipeline network in St. Petersburg and boost gas exploration. Last update 4/92
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FSU Partner: Lengaz	STATUS: C (Operating, Contract, Negotiations, Talking stage)
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Gaz de France	Russia	JV to rebuild gas pipeline network in Moscow. Last update 4/92
	European Russia	
	Moscow	
FSU Partner: Mosgaz/Mostieploenergo	STATUS: C (Operating, Contract, Negotiations, Talking stage)	

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Geo-Microbial Technolo	Russia	Enhanced Recovery Technology JV for enhanced oil recovery (EOR) using microbial techniques. Last update 3/92
	European Russia	
	North Caucasus region	
FSU Partner: Academy Sciences Institute Microbiology	STATUS: C (Operating, Contract, Negotiations, Talking stage)	

Geos	Alliance Resources	Russia	JV for seismic & other technology services. Last update 11/93
		European Russia	
		Tatarstan	
FSU Partner: Tatneft	STATUS: N (Operating, Contract, Negotiations, Talking stage)		

GHK		Russia	Oklahoma Oil Co JV to develop oilfields and explore in the Samara region of the North Caspian Basin. Last update 5/93
		European Russia	
		Samara (formerly Kuybyshev)	
FSU Partner: LogoVaz/ Kuybyshevneft/ Kuybyshevlestopprom	STATUS: N (Operating, Contract, Negotiations, Talking stage)		

Global Natural Resources		Russia	Tatex JV for well stimulation of Romashinko field; development of Onbysk field, well repairs, and installation of vapor recovery units on oil wells. Last update 3/96
		European Russia	
		Tatarstan	
FSU Partner: Tatneft	STATUS: O (Operating, Contract, Negotiations, Talking stage)		

Global Natural Resources		Russia	Flared gas recovery/gasfield operation & production. Last update 7/92
		West Siberia	
		Yamal-Nenets peninsula;	

FSU Partner: Urengoigazprom	Urengoi /Pestsovoe fields	STATUS: N (Operating, Contract, Negotiations, Talking stage)
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Grynberg	Russia	JV for exploration & production offshore in the Caspian Sea. Last update 5/93
Santa Fe Natural Resources ; Premier Consolidated	European Russia	
FSU Partner: Dagneft	Dagestan - in North Caucasus region	STATUS: N (Operating, Contract, Negotiations, Talking stage)

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Grynberg	Russia	JV for offshore Caspian Sea exploration and production. Last update 2/92
Santa Fe Natural Resources; Premier Consolidated	European Russia	
FSU Partner: Kalmykia government	Kalmykia - North Caucasus region	STATUS: N (Operating, Contract, Negotiations, Talking stage)

Halliburton	Russia	JV to provide full range of oilfield services. Last update 5/93
	European Russia	
FSU Partner: Volgogradneftgeologiya Prikaspyburneft	Volgograd	STATUS: N (Operating, Contract, Negotiations, Talking stage)

Halliburton	Russia	JV for hydraulic fracturing of oilfields. Last update 1/92
	European Russia	
FSU Partner:	Tatarstan	STATUS: O (Operating, Contract, Negotiations, Talking stage)

Halliburton	Russia	JV involving technology exchange. Last update 10/91
	West Siberia	
FSU Partner: Belozerskneft' NGDU	Niznevartovsk region	STATUS: N (Operating, Contract, Negotiations, Talking stage)

Hamilton	Russia	JV to evaluate Prirazlomnoye field. Last update 5/93
	European Russia	

FSU Partner: Rosshelf/Gazprom	offshore Pechora Sea - Arctic Ocean	STATUS: N (Operating, Contract, Negotiations, Talking stage)
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Hyundai	Russia	JV to develop oilfields and build new refinery. Last update 11/91
	European Russia	
FSU Partner: Kalmykia government	Kalmykia ASSR - North Caucasus region	STATUS: N (Operating, Contract, Negotiations, Talking stage)

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Input-Output	Russia	Ingeo JV providing seismic services. Last update 5/93
	West Siberia	
FSU Partner:		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Inter-Maritimo	Russia	Protocol 2/92 for field development of 6 fields. Initial investment \$15 million. Last update 1/92
	West Siberia	
FSU Partner: Tomskneftegazgeologiya	Kargosok	STATUS: N (Operating, Contract, Negotiations, Talking stage)

Int'l Drilling Fluids	Russia	JV for oilfield development. Last update 10/91
	West Siberia	
FSU Partner: Yuganskneftegaz		STATUS: N (Operating, Contract, Negotiations, Talking stage)

Invest Leasing	Russia	Uralskaya JV to develop Nikolaevskoye and Oshvortsovsk fields. Last update 3/96
	European Russia	
FSU Partner: Udmurtneft	Udmurtia	STATUS: O (Operating, Contract, Negotiations, Talking stage)

Itochu	Slovnaft	Russia	JV for oilfield development with potential of 40,000 b/d. Last update 12/91
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		West Siberia Nizhnevartovsk	
FSU Partner:	Megion Neftegaz		STATUS: N (Operating, Contract, Negotiations, Talking stage)

Itochu	St. Mary	Russia West Siberia Chernogorsk field	Development of Chernogorsk field. 200 developmental fields could boost production from 6,000 b/d to 25,000 b/d. Last update 3/96
FSU Partner:	Chernogorneft		STATUS: O (Operating, Contract, Negotiations, Talking stage)

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Jebco Seismic		Russia West Siberia	Development of foreign exploration and production projects. Active in former Soviet Union since 1988. Last update 5/93
FSU Partner:	State Committee of Geology		STATUS: O (Operating, Contract, Negotiations, Talking stage)

JKX	Terrenex	Russia European Russia Dagestan - offshore Caspian Sea	JV to develop offshore InchkeMore field. Last update 3/96
FSU Partner:	Dagneft/LUKOil/Rosneft		STATUS: N (Operating, Contract, Negotiations, Talking stage)

KatOil Gmbh		Russia West Siberia Kogalym, Tyumen	Katkoneft JV for increasing field output by hydrofracking. Last update 3/96
FSU Partner:	Kogalymneftegaz		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Kvaerner Arctic Offshore		Russia European Russia Barents/Kara Seas	Conversion and upgrading of offshore oil rigs. Last update 3/96
FSU Partner:	Arcticmorneftegazravedka		STATUS: C (Operating, Contract, Negotiations, Talking stage)

Marc Rich	Russia	Noble Oil JV for heavy oil production on Usinskiy and other fields. JV estimated oil in place 4.4 billion barrels. Planned investment \$500 million; \$85 million for Perm field. Production goal 33,000 b/d. Last update 11/95
	European Russia	
	Komi - Usinsk (E Archangel)	
FSU Partner: Komineft/Ukhta Oil Refinery		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Maxus	Russia	JV to evaluate oil production potential. Last update 5/93
	Other Russia	
	Yakutsk	
FSU Partner: Yakutskgeofizika		STATUS: N (Operating, Contract, Negotiations, Talking stage)

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McDermott	Russia	McAmur JV to build and install offshore oil & gas platforms off of Russia's Pacific coast. Last update 3/96
	Other Russia	
	Komsomolsk - Far East	
FSU Partner: Amur		STATUS: C (Operating, Contract, Negotiations, Talking stage)

Micko Finance & Tradin	Russia	Sobol JV to develop Severo-Orekhovsk field West Siberia w/ peak 24,000 b/d 2000. Last update 10/95
	West Siberia	
	15 miles west Nizhnevartovsk	
FSU Partner: Megionneftegaz		STATUS: N (Operating, Contract, Negotiations, Talking stage)

Mineralimpex	Russia	Bashmineral JV for field development and well workovers of Fedorovskiy, Vasil'yevskiy, and Shakshinskiy fields. Last update 3/96
	European Russia	
	Bahskortan	
FSU Partner: Bashneft		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Mineraloilrohstoff	Russia	Tatoilgas JV for oil well treatment and horizontal drilling. Last update 3/96
	European Russia	
	Tatarstan	
FSU Partner: Tatneft		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Mineraloelrohstoff	Russia	Tomsk PUG JV to develop Yuzhno-Cheremshanskoye field. Last update 3/96
	West Siberia	
	Tomsk	
FSU Partner: VNK		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Minpetro	Russia	Kama-neft JV for oil production. Last update 3/96
	European Russia	
	Perm in Volga - Urals region	
FSU Partner: Permneft		STATUS: C (Operating, Contract, Negotiations, Talking stage)

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Mitsui	Santech	Russia	\$60 million Enhanced Oil Recovery (EOR) project (by chemical injection) at Kuibyshev field. Last update 8/92
Teikoku, Toyo		European Russia	
		Kuibyshev/Urals-Volga region	
FSU Partner: Kuibyshev Production Association			STATUS: N (Operating, Contract, Negotiations, Talking stage)

Mitsui		Russia	JV to enhance oil recovery at Langepas, Urai, and Kogalym fields. Mitsui will provide technical service, production equipment, and trade insurance. Last update 3/96
		West Siberia	
FSU Partner: Lukoil			STATUS: C (Operating, Contract, Negotiations, Talking stage)

Marathon	McDermott	Russia	Sakhalin II JV for exploration & production contract signed by Sakhalin Energy Investment Co. (formerly MMMMS) . Potential oil production of 180,000 b/d of oil; 1.5 billion cubic feet gas in Piltun-Astokhskoye & Lunskoye fields. Last update 3/96
Mitsui, Mitsubishi, Royal Dutch Shell		Other Russia	
		Sakhalin Island	
FSU Partner: Sakhalinmorneftegaz			STATUS: C (Operating, Contract, Negotiations, Talking stage)

Mobil	Texaco	Russia	Sakhalin III JV to explore offshore. During bidding, Exxon won blocks 1 & 2, while Mobil and Texaco won block 4. Still negotiating final agreement. Last update 3/96
Exxon		Other Russia	
		Sakhalin Island	
FSU Partner:			

STATUS: N (Operating, Contract, Negotiations, Talking stage)

Nimir Petroleum US Petroleum Russia
Other Russia
Sakhalin
FSU Partner: Sameko/Sameto
Petrosakh JV producing 3,700 b/d; potential is 20,000 b/d. Build/operate 4,000 b/d refinery. Last update 3/96
STATUS: O (Operating, Contract, Negotiations, Talking stage)

Nowasco Well Service Russia
West Siberia
Niznevartovsk
FSU Partner: Chernogorneft
Yugraneft JV to further develop Malo-Chernogorskoye field. Last update 3/96
STATUS: O (Operating, Contract, Negotiations, Talking stage)

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Occidental Russia
European Russia
Komi - just south Arctic Circle
FSU Partner: Ukhtaneftegazgeologiya
Parm Oil JV for exploration and production in 1.5 million acres. Made first new field discovery in Russia by a western JV. Last update 3/96
STATUS: C (Operating, Contract, Negotiations, Talking stage)

Occidental Russia
West Siberia
Surgut/Nizhnevartovsk region
FSU Partner: Chernogorneft
Vanyoganeft JV for EOR from Vanyogan/Ayogan fields with estimated 320 million barrels of reserves. Production 43,000 b/d early 1994; exports began October 26, 1992. Ultimate investment \$800 million/25 years. Last update 3/96
STATUS: O (Operating, Contract, Negotiations, Talking stage)

Oman Russia
West Siberia
FSU Partner: Tomskneft
Well workovers. Last update 3/96
STATUS: N (Operating, Contract, Negotiations, Talking stage)

OMV Russia
Other Russia
\$20 billion JV for natural gas exploration & development, including building a gas pipeline. Reserves estimated at 28 trillion cubic feet of gas. Last update 3/96

FSU Partner: Lenaneftegaz	East Siberia - Yakutsk	STATUS: N (Operating, Contract, Negotiations, Talking stage)
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Pennzoil	Russia West Siberia West Mogotlorsk	SANK JV for development of 40-45 million barrel Zapadno-Mogutlorskoye field. Siberian-American JV began operating 12/92. Production potential is 25,000 b/d. Last update 3/96
FSU Partner: Agansk Geological Enterprise		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Petro-Hunt Dresser	Russia West Siberia Rogozhnikovskoye area	Khantymansiysknefte-Hunt JV formed 3/92 for exploration and production of 5 exploration areas totalling 3.1 billion barrels of oil reserves. Last update 3/96
FSU Partner: Khantymansiyskgeological		STATUS: C (Operating, Contract, Negotiations, Talking stage)

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PGI/ICF	Russia West Siberia	MD SEIS JV formed 11/89 for seismic services. Last update 5/93
FSU Partner:		STATUS: C (Operating, Contract, Negotiations, Talking stage)

Pride International Quintana	Russia West Siberia	Well workovers. Last update 9/92
FSU Partner:		STATUS: C (Operating, Contract, Negotiations, Talking stage)

Quintana	Russia West Siberia	Pur River JV to develop Komsomolskoye field. Last update 3/96
FSU Partner: Purneftegaz		STATUS: N (Operating, Contract, Negotiations, Talking stage)

Richmond Oil and Gas Northstar Energy	Russia	Taloi JV - Richmond to provide expertise and capital to further develop and increase production in 85 million barrel Talinsk field. Oil
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FSU Partner: Krasnoleninsk Oil and Gas	West Siberia	Talinsk field in Krasnoleninsk, Tyumen	to be shipped via Black Sea. Excess of \$50 million to be invested. Last update 5/93
			STATUS: C (Operating, Contract, Negotiations, Talking stage)

Seismograph Service UK	Russia	West Siberia	Seismic services. Last update 1/93
FSU Partner: Tomskgeologia	Tomsk		
			STATUS: N (Operating, Contract, Negotiations, Talking stage)

Royal Dutch Shell	Russia	West Siberia	Salym Petroleum Development JV to develop 3 small fields with oil reserves of 730 million barrels. \$10 billion investment to result in peak production 120,000 barrels/day from Upper and Lower Salym and Vadelyp fields. Last update 4/96
FSU Partner: Evikhon	90 Miles South/Southwest Nefteyugansk		
			STATUS: C (Operating, Contract, Negotiations, Talking stage)

COMPANY

LOCATION

REMARKS

Snyder Oil	MD SEIS	Russia	Permtex JV for development of 100 million barrel oilfield, with peak production of 25,000 b/d. Expected investment \$100 million over next decade; has received \$40 million OPIC backing. Last update 3/96
		European Russia	
FSU Partner: LUKoil Permneft/ Perm Russia		Perm - 700 miles east Moscow	
			STATUS: N (Operating, Contract, Negotiations, Talking stage)

Sperry Sun		Russia	Siberian Sperry Sun JV for horizontal and high angle drilling. Last update 7/94
		West Siberia	
FSU Partner: Nizhnevartovsk Neftegaz et al Siberian Drilling Association			
			STATUS: O (Operating, Contract, Negotiations, Talking stage)

Swift Energy		Russia	JV with a joint stock company for development and production of oil & gas from Samburg & Evo-Yakha fields. Initial capital outlay of \$5 million. Last update 3/96
		West Siberia	
FSU Partner: Senega		Yamalo-Nenetsky area, 20 miles from Urengoi field	
			STATUS: N (Operating, Contract, Negotiations, Talking stage)

TBS		Russia	Upgrade drilling and pipeline systems; investment of \$5.8 million. Last
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	West Siberia	update 10/92
	Tyumen - Njagan region	
FSU Partner: Krasnoleninsk Neftegaz		STATUS: N (Operating, Contract, Negotiations, Talking stage)

Total	Russia	Tatoilpetro JV operating for enhanced oil recovery (EOR) of Romashinko field. Producing 6,000 b/d; increased production of 12,000 b/d expected w/ investment of \$300 million. Last update 3/96
	European Russia	
	Tatarstan	
FSU Partner: Tatneft		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Totisa	Russia	Permtotineft JV to develop Garyushchkiyanskiy and other fields in the Volga-Urals region. Last update 3/96
	European Russia	
	Permskaya Oblast	
FSU Partner: Permneft		STATUS: O (Operating, Contract, Negotiations, Talking stage)

COMPANY

LOCATION

REMARKS

Tracer Petroleum	Russia	JV for exploration and production. Last update 4/93
	West Siberia	
	Yaro-Yarinsk Field	
FSU Partner:		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Unknown (Cyprus)	Russia	Volgooil JV to modernize LUKoil's refinery at Volgograd and export products. Last update 5/93
	European Russia	
	Volgograd	
FSU Partner: LUKoil		STATUS: N (Operating, Contract, Negotiations, Talking stage)

Unknown (US)	Russia	Ruspetrol JV for enhanced oil recovery (EOR) of existing fields using microbial and chemical techniques. Last update 1/92
	European Russia	
	Komi - Vyztskoye/ Sauzbashevskoe /Salkovskoye	
FSU Partner: Arlanneft' NGDU		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Walt Whitman

Russia

JV to provide well log interpretation services for Russian producers.
Last update 9/93

European Russia

Moscow

FSU Partner: Geophysical Research Center

STATUS: N (Operating, Contract, Negotiations, Talking stage)

If you have any questions regarding this report, please contact Erik Kreil at 202-586-6573; by fax on 202-586-9753; or e-mail at ekreil@eia.doe.gov