

Oil and Gas Joint Ventures in the Former Soviet Union

<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 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 Udmurtia autonomous republic</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>Agip British Gas</p> <p>Chevron Mobil Oryx</p> <p>FSU Partner: Tengizmunaigaz/ LUKoil/ Rosneft/ Kazakstan/ Oman/ Russia</p>	<p>Kazakstan</p> <p>Tengiz/Novorosiisk</p>	<p>Caspian Pipeline Consortium (CPC) to build/operate 1.2 million barrels/day crude oil pipeline from Tengiz (Kazakhstan) to Black Sea port of Novorosiisk. Shares: Russia 24%, Kazakstan 19%, Oman 7%, Chevron 15%, others 35%. Last update 5/96</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 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 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>

<u>COMPANY</u>	<u>LOCATION</u>	<u>REMARKS</u>
Amloa FSU Partner: Kuatamlonmunaigaz	Kazakstan Kziyl-Orda Oblast	Kuat JV to develop Konis and Bektas fields with 44 million barrels of recoverable reserves. Last update 4/96 STATUS: C (Operating, Contract, Negotiations, Talking stage)
Amoco Unocal Delta Statoil Pennzoil TPAO Exxon Itochu Ramco British Petroleum FSU Partner: SOCAR	Azerbaijan Offshore Caspian Sea	Azerbaijan International Oil Company (AIOC) \$7 billion JV for Azeri, Chirag , & Gyuneshli fields. 3.5 billion barrels of proved oil reserves. Production to reach 600,000 barrels/day by 2000 and 800,000 b/d by 2008. Last update 3/96 STATUS: C (Operating, Contract, Negotiations, Talking stage)
Amoco FSU Partner: Yuganskneftegaz	Russia West Siberia Priobskoye Field	JV to develop the oil and gas field in the Khanty-Mansiisk region. Initial investment \$183 million. Last update 3/96 STATUS: N (Operating, Contract, Negotiations, Talking stage)
Amoco OPAB FSU Partner: Latvia	Latvia Baltic Sea	JV for drilling in Baltic Sea. Estimated reserves 150 million barrels. Drilling protested by Lithuania; it notes lack of border accords between Latvia and Lithuania. Last update 10/95 STATUS: N (Operating, Contract, Negotiations, Talking stage)
AMP FSU Partner:	Russia West Siberia Tomsk	Field development. Last update 3/93 STATUS: N (Operating, Contract, Negotiations, Talking stage)
AMP FSU Partner:	Russia Other Russia Sakhalin	Field development. Last update 3/93

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

COMPANY

LOCATION

REMARKS

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

Chernogorskoye field - near Samatlor field

FSU Partner: Chernogorneft

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

Anglo-Dutch

Kazakstan

Contract approved to develop 500 million barrel Tenge oil field. Partners expect to invest \$185 million. Field also has 1 trillion cubic feet of gas. Peak production of 36,000 b/d oil by 1999; 68 million cubic feet of gas by 1998. Last update 4/96

Tenge field on Caspian Sea
175 miles south Tengiz

FSU Partner: Mangistaumunaigaz

STATUS: C (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)

Anglo-Suisse

Salomon

Russia

White Nights JV operating & producing 16,000 b/d at West Varyegansky and Agrinsky fields. Last update 3/96

West Siberia

FSU Partner: Var'yeganneftegaz

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

<u>COMPANY</u>		<u>LOCATION</u>	<u>REMARKS</u>
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
FSU Partner:	Lukoil		STATUS: N (Operating, Contract, Negotiations, Talking stage)
Armoil		Armenia	JV formed by Armenian/American businessmen to explore for oil & determine if there are sufficient reserves to attract Western interest. Last update 9/93
FSU Partner:			STATUS: N (Operating, Contract, Negotiations, Talking stage)
Atilla Dogan		Azerbaijan onshore 120 miles south Baku near Caspian Sea	JV to revive 740 out of 790 wells in onshore Neftechala oilfield in 1st year. Investment of \$12 million, with another \$200 million additional investment possible in region. Last update 3/96
FSU Partner:	SOCAR		STATUS: C (Operating, Contract, Negotiations, Talking stage)
Aztec-Talas	U.S. Exploration	Kyrgyzstan	Field development; first JV in Kyrgyzstan. Began producing oil from a long-declining field in 5/93. Last update 3/96
FSU Partner:			STATUS: O (Operating, Contract, Negotiations, Talking stage)
Baker Tools		Russia Other Russia	Oil field services. Last update 7/94
FSU Partner:	Sidanco		STATUS: C (Operating, Contract, Negotiations, Talking stage)
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
FSU Partner:	Purneftegasgeologia & Purneftegaz		

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

<u>COMPANY</u>	<u>LOCATION</u>	<u>REMARKS</u>
Beta Callina FSU Partner: Komineft/Usinsk NGDU	Star Valley Russia European Russia Vozey 60 miles north Usinsk	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)
Beta FSU Partner: Stavropolneftegaz	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 STATUS: C (Operating, Contract, Negotiations, Talking stage)
BHP FSU Partner: Gazprom/Rosshelf	Russia European Russia 36 miles offshore in 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)
BMB FSU Partner: Aktyubinskneft/Tulpar	Siemens Kazakstan 250 miles NE of Tengiz in NW Kazakstan	JV to develop the Alibekmola and Kenkiyak oilfields, in a deal linked to the construction of a power station. Last update 3/96 STATUS: N (Operating, Contract, Negotiations, Talking stage)
British Petroleum	Statoil Azerbaijan	JV to develop Shaik Deniz field with 5 billion barrels of oil reserves. Shares: BP 25.5%, Statoil 25.5%, TPAO 9%, SOCAR 40%. Last update

TPAO	43 miles offshore Caspian	5/96
FSU Partner: SOCAR		STATUS: N (Operating, Contract, Negotiations, Talking stage)

<u>COMPANY</u>	<u>LOCATION</u>	<u>REMARKS</u>
Bridas	Turkmenistan	JV for exploration & production; \$200 million investment. Last update 3/96
FSU Partner: Turkmengeologia	Yashlar/Iolotan	STATUS: O (Operating, Contract, Negotiations, Talking stage)
Bridas	Turkmenistan	Field development. Last update 3/96
FSU Partner: Turkmeneft	Kotur Tepe field on Cheleken Peninsula	STATUS: N (Operating, Contract, Negotiations, Talking stage)
British Gas	Russia	Komiarticoil 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
FSU Partner: Komineft	European Russia 60 miles north Usinsk	STATUS: O (Operating, Contract, Negotiations, Talking stage)
Calgary Overseas Development	Russia	JV for maintenance and servicing of 500 wells. \$150 million investment. Last update 3/96
FSU Partner: Kogalymneftegaz	West Siberia	STATUS: O (Operating, Contract, Negotiations, Talking stage)
Camco	Russia	Tyumengazkamko JV to increase production of oil in giant Urengoi field near the Arctic Circle. Received Ex-Im Bank approval. Last update 3/96
FSU Partner: Urengoigazprom	West Siberia Urengoi field	STATUS: O (Operating, Contract, Negotiations, Talking stage)
Carpathian	Ukraine	Protocol agreement for development of Bitkovskoye field. Last update 3/96

FSU Partner: Ukrneft	Bitkovskoye field in Precarpataky region	STATUS: N (Operating, Contract, Negotiations, Talking stage)
----------------------	---	--

<u>COMPANY</u>	<u>LOCATION</u>	<u>REMARKS</u>
Chevron Mobil FSU Partner: Tengizmunaigaz	Kazakstan Tengiz/Korolev fields	Tengizchevronoil JV \$20 billion investment to develop 6-9 billion barrels of reserves with 750,000 b/d by 2010. Shares: Chevron 50%, Mobil 25%, Tengizmunaigaz 25%. Produced 90,000 b/d 3/96; target 1996 capacity 130,000 b/d. Last update 4/96 STATUS: O (Operating, Contract, Negotiations, Talking stage)
CIR FSU Partner:	Russia West Siberia	JV for oil exploration in the Tomsk region. Last update 1/92 STATUS: N (Operating, Contract, Negotiations, Talking stage)
Coastal Sackora FSU Partner: Estonian Oil Service (EOS)	Estonia Maardu, near port of Muuga & Tallinn	JV to expand/operate oil products terminal to 800,000 barrels capacity & build 5 mile pipeline connecting it to Baltic Sea terminals. Last update 1/96 STATUS: N (Operating, Contract, Negotiations, Talking stage)
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 Russia	Develop offshore Shtokman gas field with 100 tcf gas reserves. Last

Norsk Hydro Total	European Russia	update 3/96
FSU Partner: Gazprom/Rosself	Barents Sea about 370 miles NE Murmansk	STATUS: N (Operating, Contract, Negotiations, Talking stage)

COMPANY

LOCATION

REMARKS

Crystal	Russia	JV for well workovers and enhanced oil recovery from Pokrovskoye and Pronkinskoye oil fields. Last update 3/96
	European Russia	
FSU Partner: Orenburgneft	Orenburg Region - 800 miles SE Moscow	STATUS: N (Operating, Contract, Negotiations, Talking stage)

Daewoo Kohap	Russia	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
Korea Gas Lucky Gold Star Pedeco Pohang Samsung Ssangyong Yukong	Other Russia	
FSU Partner:	Yakutsk	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)

Dana Petroelum	Russia	JV to develop 130 million barrels proved/probable reserves in Sortymyskoye field; Dana has 30% interest. Last update 10/95
	West Siberia near Surgut	
FSU Partner: Tyumenneftegaz/ Obneftegazgeologiya		STATUS: C (Operating, Contract, Negotiations, Talking stage)

De Cisar	Kazakstan	Damunai JV to develop Shubarkuduk and Jaksymai field with 8 million barrels recoverable reserves. Last update 4/96
	Aktyubinsk	
FSU Partner: Aktyubinskineft		

		STATUS: C (Operating, Contract, Negotiations, Talking stage)	
<u>COMPANY</u>	<u>LOCATION</u>	<u>REMARKS</u>	
Deminex Preussag FSU Partner: Nizhnevolskneft	Russia European Russia Volgograd	Volgademinoil JV for exploration/development/production in 4 blocks near Volgograd. Last update 3/96 STATUS: C (Operating, Contract, Negotiations, Talking stage)	
Eastman Christensen Halliburton FSU Partner: Tatneft	Russia European Russia Tatarstan	JV for horizontal drilling projects. Last update 1/92 STATUS: O (Operating, Contract, Negotiations, Talking stage)	
EEG RWE-DEA FSU Partner: Yuzhkazneftegaz	Kazakstan Akshabulak field, central Kazakstan	Kazgermunai JV to develop Akshabulak field and 40 mile pipeline connecting it to pipeline network. Production to begin mid-1996; peak 19,000 b/d 1998; IFC financing \$57.5 million. Last update 1/96 STATUS: C (Operating, Contract, Negotiations, Talking stage)	
Elf Aquitaine FSU Partner: Aktyubeneftegazgeologiya	Kazakstan Aktyubinsk	Elfneftgaz JV for exploration/production; investment \$700 million. Last update 3/96 STATUS: O (Operating, Contract, Negotiations, Talking stage)	
Elf Aquitaine FSU Partner:	Uzbekistan	Exploration and refining. Last update 3/93 STATUS: N (Operating, Contract, Negotiations, Talking stage)	
Elf Aquitaine FSU Partner: GNKAR	Azerbaijan Southern Caspian Sea	JV to explore and extract 350-700 million barrels of oil. Last update 3/96	

STATUS: C (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)

COMPANY

LOCATION

REMARKS

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)

Enron	Uzbekistan Sorhandarya/Kandym regions	JV to develop 15 gas fields holding gas reserves of 20 trillion cubic feet gas, as well as liquid hydrocarbon reserves, for sale to Russia. Last update 3/96
FSU Partner: Uzbekneftegaz/Gazprom		STATUS: N (Operating, Contract, Negotiations, Talking stage)

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

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

Eurosov	Russia West Siberia	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
---------	------------------------	---

FSU Partner: Magma Oil (Sinco)	Tyumen - Yuzhnoye field	update 3/96
		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.
		Other Russia	Last update 3/96
FSU Partner: Rosneft/Sakhalinmorneftegaz		Sakhalin Island	
			STATUS: N (Operating, Contract, Negotiations, Talking stage)

COMPANY

LOCATION

REMARKS

Fountain		Ukraine	JV to use directional drilling to develop 8 oilfields in area where production has been minimal; Fountain has 36% share. Last update 3/96
		Priluki region, Chernigov Province	
FSU Partner:			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	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
		West Siberia	
		Samatlor region of Tyumen	
FSU Partner: Samatlorneft NGDU			STATUS: O (Operating, Contract, Negotiations, Talking stage)

Fracmaster		Russia	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	West Siberia Tomsk - Vakh oilfield	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)

COMPANY

LOCATION

REMARKS

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 Vorontsovkoe 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
FSU Partner: Lengaz			STATUS: C (Operating, Contract, Negotiations, Talking stage)

Gaz de France		Russia European Russia Moscow	JV to rebuild gas pipeline network in Moscow. Last update 4/92
FSU Partner: Mosgaz/Mostieploenergo			STATUS: C (Operating, Contract, Negotiations, Talking stage)

Gaz de France	Ukraine	Oukrfragaz JV to rebuild and expand Ukraine's gas grid. Last update 4/92
FSU Partner:		STATUS: C (Operating, Contract, Negotiations, Talking stage)

Gender Resources	Kazakstan	Tasbulat JV to develop Tasbulat/Antas/Turkmenoi area with 60 million barrels recoverable reserves. Last update 4/96
FSU Partner: Mangistaumunaigaz	Mangistau	STATUS: C (Operating, Contract, Negotiations, Talking stage)

COMPANY

LOCATION

REMARKS

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

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

Global Natural Resources	Russia	Flared gas recovery/gasfield operation & production. Last update 7/92
	West Siberia	
FSU Partner: Urengoigazprom	Yamal-Nenets peninsula; Urengoi /Pestsovoe fields	
STATUS: N (Operating, Contract, Negotiations, Talking stage)		

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)		

COMPANY

LOCATION

REMARKS

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 Volgograd	
FSU Partner: Volgogradneftgeologiya Prikaspyburneft		
STATUS: N (Operating, Contract, Negotiations, Talking stage)		

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

Halliburton	Russia	JV involving technology exchange. Last update 10/91
	West Siberia Nizneartovsk region	

FSU Partner: Belozerskneft' NGDU	STATUS: N (Operating, Contract, Negotiations, Talking stage)
----------------------------------	--

Hallwood	Azerbaijan	Exploration and further development of offshore Mashal field area (formerly Muddy Hill Field). Last update 5/94
FSU Partner: SOCAR	SE Baku in Caspian Sea	STATUS: C (Operating, Contract, Negotiations, Talking stage)

Hamilton	Russia	JV to evaluate Prirazlomnoye field. Last update 5/93
FSU Partner: Rosshelf/Gazprom	European Russia offshore Pechora Sea - Arctic Ocean	STATUS: N (Operating, Contract, Negotiations, Talking stage)

COMPANY

LOCATION

REMARKS

Hurricane	Occidental	Kazakstan	Well workovers. Last update 4/96
FSU Partner: Yuzhneftegaz/ Yuzhkazgeologia		Kzyl Kiya, Kzyl Orda Oblast	STATUS: N (Operating, Contract, Negotiations, Talking stage)

Hydrocarbon	Ronor	Kazakstan	JV for refinery modernization. Last update 2/93
FSU Partner: Kazakstanmunaigaz		Atyrau	STATUS: O (Operating, Contract, Negotiations, Talking stage)

HHO Ltd	Brawley Cathers	Ukraine	Krym Texas Nafta JV will redevelop Aktash field onshore, then extend offshore into Sea of Azov to explore/develop oil. Last update 1/96
FSU Partner: Krymgeologiya		Kerch peninsula of Crimea	STATUS: N (Operating, Contract, Negotiations, Talking stage)

Hyundai		Russia	JV to develop oilfields and build new refinery. Last update 11/91
		European Russia Kalmykia ASSR -	

FSU Partner: Kalmykia government	North Caucasus region	STATUS: N (Operating, Contract, Negotiations, Talking stage)
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	
	Kargosok	
FSU Partner: Tomskneftegazgeologiya		STATUS: N (Operating, Contract, Negotiations, Talking stage)
<u>COMPANY</u>	<u>LOCATION</u>	<u>REMARKS</u>
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	
	Udmurtia	
FSU Partner: Udmurteft		STATUS: O (Operating, Contract, Negotiations, Talking stage)
Iran	Azerbaijan	\$7.5 billion gas pipeline carrying gas from Iran to Ukraine via Azerbaijan and Russia - 2.6 trillion cubic feet by 2000. Ukraine/ Iran 45 % share, Azerbaijan 10%. Last update 3/96
FSU Partner: SOCAR		STATUS: C (Operating, Contract, Negotiations, Talking stage)
Itochu	Slovnaf	Russia
		JV for oilfield development with potential of 40,000 b/d. Last update 12/91

FSU Partner: Megion Neftegaz	West Siberia Nizhnevartovsk	STATUS: N (Operating, Contract, Negotiations, Talking stage)
------------------------------	--------------------------------	--

Itochu	St. Mary	Russia	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	West Siberia Chernogorsk field	STATUS: O (Operating, Contract, Negotiations, Talking stage)	

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

COMPANY

LOCATION

REMARKS

JKX	Terrenex	Ukraine	Crimean Petroleum JV for exploration of offshore reserves in Black Sea. Annual output of 20,000 b/d oil and 250 billion cubic feet gas possible by 2000. Last update 3/96
FSU Partner: Chernomorneftegaz	Crimea - Simferopol	STATUS: N (Operating, Contract, Negotiations, Talking stage)	

JKX	Terrenex	Georgia	Georgian British Oil Company JV has estimated reserves of 100 - 150 million barrels oil. Oil discovered near Gori & offshore Supsa, & Ninotmindsk field Sagaredzho district e. Georgia. JV has 3 production sharing agreements. Last update 3/96
FSU Partner: Saknavtobi	Offshore - Black Sea & eastern Georgia	STATUS: O (Operating, Contract, Negotiations, Talking stage)	

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

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

Kauzer	Kazakstan	Kazpromstavba JV to develop Karayarna, Karagan, Airankul, Masyabai fields with 24 million barrels recoverable reserves. Last update 4/96
	E. of Atyrau	
FSU Partner: Tengizneftegaz		STATUS: O (Operating, Contract, Negotiations, Talking stage)

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

COMPANY

LOCATION

REMARKS

Larmag	Dragon	Turkmenistan	Larmag-Cheleken JV for exploration & development 593 sq. mile area of Caspian Sea. Producing 8,000 b/d from offshore Lam & Zhadanov fields; total potential to 85,000 b/d. Last update 3/96
		Caspian Sea	
FSU Partner: Chelekenneft			STATUS: O (Operating, Contract, Negotiations, Talking stage)

Lucky Gold Star		Azerbaijan	Procol signed 1/92 for onshore exploration. Last update 1/92
FSU Partner: SOCAR			STATUS: N (Operating, Contract, Negotiations, Talking stage)

Mannai		Kazakstan	Zhetabay Quest JV for oil production; recoverable reserves of 657 million barrels. JV purchased 1996 from Beta. Last update 4/96
FSU Partner: Mangistaumunaigaz			STATUS: C (Operating, Contract, Negotiations, Talking stage)

Marc Rich	Total	Azerbaijan	JV to manage refineries and recapture crude oil lost in wastewater.
-----------	-------	------------	---

		Last update 8/92
FSU Partner: SOCAR	Baku	
		STATUS: O (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	
FSU Partner: Komineft/Ukhata Oil Refinery	Komi - Usinsk (E Archangel)	
		STATUS: O (Operating, Contract, Negotiations, Talking stage)

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

COMPANY

LOCATION

REMARKS

McDermott	Azerbaijan	Mcshelf JV formed to build, install, & repair offshore oil rigs. Last update 3/96
	Baku	
FSU Partner: SOCAR		
		STATUS: N (Operating, Contract, Negotiations, Talking stage)

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

Micko Finance & Trading	Russia	Sobol JV to develop Severo-Orekhovsk field West Siberia w/ peak 24,000 b/d 2000. Last update 10/95
	West Siberia	
FSU Partner: Megionneftegaz	15 miles west Nizhnevartovsk	

		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	
FSU Partner: Bashneft		Bahskortan	STATUS: O (Operating, Contract, Negotiations, Talking stage)
Mineraloilrohstoff		Russia	Tatoilgas JV for oil well treatment and horizontal drilling. Last update 3/96
		European Russia	
FSU Partner: Tatneft		Tatarstan	STATUS: O (Operating, Contract, Negotiations, Talking stage)
Mineraloelrohstoff		Russia	Tomsk PUG JV to develop Yuzhno-Cheremshanskoye field. Last update 3/96
		West Siberia	
FSU Partner: VNK		Tomsk	STATUS: O (Operating, Contract, Negotiations, Talking stage)
<u>COMPANY</u>		<u>LOCATION</u>	<u>REMARKS</u>
Minpetro		Russia	Kama-neft JV for oil production. Last update 3/96
		European Russia	
FSU Partner: Permneft		Perm in Volga - Urals region	STATUS: C (Operating, Contract, Negotiations, Talking stage)
Mitsubishi	Mitsui	Kazakstan	JV \$1.5 billion refinery processing 60,000 b/d. Last update 4/94
Toyo			
FSU Partner:			STATUS: N (Operating, Contract, Negotiations, Talking stage)
Mitsui	Santech	Russia	\$60 million Enhanced Oil Recovery (EOR) project (by chemical injection) at Kuibyshev field. Last update 8/92
Teikoku, Toyo		European Russia	
FSU Partner: Kuibyshev Production Association		Kuibyshev/Urals-Volga region	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-Astokhsk oye & Lunskeye 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)

COMPANY

LOCATION

REMARKS

Mobil		Kazakstan	Tulpar Munai JV for exploration and development of the Tulpar region. Last update 4/96
		Aktyubinskneft NW Kazakstan	
FSU Partner:	Poisk Tulpar		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Neste Oy		Estonia	Estonian Transoil JV light oil products terminal to reduce dependence on Russian oil. Last update 8/93
		Tallinn	
FSU Partner:	Eesti Kutus		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Nimir Petroleum	US Petroleum	Russia	Petrosakh JV producing 3,700 b/d; potential is 20,000 b/d. Build/operate 4,000 b/d refinery. Last update 3/96
		Other Russia	
		Sakhalin	
FSU Partner:	Sameko/Sameto		

		STATUS: O (Operating, Contract, Negotiations, Talking stage)
Nowasco Well Service FSU Partner: Chernogorneft	Russia West Siberia Niznevartovsk	Yugraneft JV to further develop Malo-Chernogorskoye field. Last update 3/96 STATUS: O (Operating, Contract, Negotiations, Talking stage)
Nynas Petroleum AB FSU Partner: Bitumen/Novotrans	Estonia Muuga (near Tallinn)	Nybit JV is Estonia's 3rd new oil terminal, with a capacity of 58,000 barrels of bitumen and 17,500 barrels of oil. Last update 9/93 STATUS: O (Operating, Contract, Negotiations, Talking stage)
Occidental FSU Partner: Ukhtaneftgazgeologiya	Russia European Russia Komi - just south Arctic Circle	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)

COMPANY

LOCATION

REMARKS

Occidental FSU Partner: Chernogorneft	Russia West Siberia Surgut/Nizhnevartovsk region	Vanyoganneft 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 FSU Partner: Tomskneft	Russia West Siberia	Well workovers. Last update 3/96 STATUS: N (Operating, Contract, Negotiations, Talking stage)
Oman	Azerbaijan Baku	Memorandum of understanding signed for \$200 million projects for onshore oilfield development and expansion of Novo-Baku refinery. Last update 2/92

FSU Partner: SOCAR		STATUS: N (Operating, Contract, Negotiations, Talking stage)
Oman	Kazakstan	8 year concession for exploration and production of 1 billion barrel oil field, to be followed by 25 year option for production sharing agreement. Investment could reach \$2.7 billion. Last update 4/96
FSU Partner:	Atyrau region & Dunga field	STATUS: C (Operating, Contract, Negotiations, Talking stage)
OMV	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	Other Russia East Siberia - Yakutsk	STATUS: N (Operating, Contract, Negotiations, Talking stage)
Oryx Energy	Kazakstan	Arman JV to develop an oil field currently producing 4,500 b/d of oil that's exported via the Druzhba pipeline to Eastern Europe. Last update 4/96
FSU Partner: Mangystaumunaigaz & Zharkyn	near Mertvy Kultuk	STATUS: O (Operating, Contract, Negotiations, Talking stage)

COMPANY

LOCATION

REMARKS

Paktank	Estonia	Pakterminal JV built heavy oil products terminal to reduce dependency on Russian oil. Phase 1 completed 4/93. Last update 7/93
FSU Partner: T-Terminaal	Muuga (near Tallinn)	STATUS: O (Operating, Contract, Negotiations, Talking stage)
Pennzoil	Russia	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	West Siberia West Mogotlorsk	STATUS: O (Operating, Contract, Negotiations, Talking stage)
Petoil	Azerbaijan	Rework old onshore fields/EOR. Operating JV has 3,000-5,000 b/d

		potential. Last update 3/96
FSU Partner: SOCAR	Baku/Apsheron peninsula	
		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Petoil	Azerbaijan	Exploration project in Upper Kura basin. Last update 3/96
FSU Partner: SOCAR	Tazu/Upper Kura basin	
		STATUS: N (Operating, Contract, Negotiations, Talking stage)

Petro-Hunt	Dresser	Russia	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
		West Siberia	
FSU Partner: Khantymansiyskgeological		Rogozhnikovskoye area	
			STATUS: C (Operating, Contract, Negotiations, Talking stage)

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

COMPANY

LOCATION

REMARKS

Ponder Industries		Azerbaijan	Baku-Ponder Services JV for oilfield services. Last update 3/96
FSU Partner: Interbranch Scientific Production Association.		Baku	
			STATUS: C (Operating, Contract, Negotiations, Talking stage)

Ponder Industries		Kyrgyzstan	JV for remedial work on 600 oil wells, shallow well drilling, and other services. The JV includes 4,000 b/d refineries to refine this and other oil. Last update 3/96
FSU Partner: Kyrgyzneft			
			STATUS: N (Operating, Contract, Negotiations, Talking stage)

Preussag		Kazakstan	Aktobe Preussag JV to develop West and East Zharkamys fields. Last
----------	--	-----------	--

			update 4/96
FSU Partner:	Tulpar/ Aktyubinskneft	Zharkamys fields	
			STATUS: C (Operating, Contract, Negotiations, Talking stage)

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

Probadi		Uzbekistan	Uzmal JV to develop and operate Karaktay field with 20 million barrels oil reserves. Last update 3/96
		Karaktay field 24 miles east Mubarek	
FSU Partner:	Uzbekistan National Oil Corporation		STATUS: C (Operating, Contract, Negotiations, Talking stage)

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

COMPANY

LOCATION

REMARKS

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

Seismograph Service UK		Russia	Seismic services. Last update 1/93
		West Siberia	
		Tomsk	
FSU Partner:	Tomskgeologia		

			STATUS: N (Operating, Contract, Negotiations, Talking stage)
Royal Dutch Shell	Russia	Salyrn 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 Salyrn and Vadelyp fields. Last update 4/96	
	West Siberia		
	90 Miles South/Southwest Nefteyugansk		
FSU Partner: Evikhon			STATUS: C (Operating, Contract, Negotiations, Talking stage)
Snow Leopard	Kazakstan	Stepnoi Leopard JV to develop Tyeplovsko-Tokarevskaya field with 106 million barrels of recoverable reserves. Last update 4/96	
	NW Kazakstan near Uralsk		
FSU Partner: Poisk Kazakgaz			STATUS: O (Operating, Contract, Negotiations, Talking stage)
Snyder Oil	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	
MD SEIS	European Russia		
	Perm - 700 miles east Moscow		
FSU Partner: LUKoil Permneft/ Perm Russia			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)
<u>COMPANY</u>	<u>LOCATION</u>	<u>REMARKS</u>	
Svenska Petroleum	Lithuania	Genciu Nafta JV formed for development of Lithuania's largest field (15% reserves). Producing 2,000 b/d. Oil will be refined at Mazeikiai refinery. Last update 11/95	
	Genciai field 12 miles NE Klaipeda		
FSU Partner: Gargzdai State Oil Geology			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		
	Yamalo-Nenetsky area, 20		

FSU Partner: Senega	miles from Urengoi field	STATUS: N (Operating, Contract, Negotiations, Talking stage)
TBS	Russia West Siberia Tyumen - Njagan region	Upgrade drilling and pipeline systems; investment of \$5.8 million. Last update 10/92
FSU Partner: Krasnoleninsk Neftegaz		STATUS: N (Operating, Contract, Negotiations, Talking stage)
Total	Russia European Russia Tatarstan	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
FSU Partner: Tatneft		STATUS: O (Operating, Contract, Negotiations, Talking stage)
Totisa	Russia European Russia Permskaya Oblast	Permtotineft JV to develop Garyushchkiyanskiy and other fields in the Volga-Urals region. Last update 3/96
FSU Partner: Permneft		STATUS: O (Operating, Contract, Negotiations, Talking stage)
TPAO	Kazakstan Aktyubinsk, Atyrau, Mangystau oblasts	Kazturkmunai JV for exploration, development, and production of oil and gas fields with 4 billion barrels oil and 14 tcf gas. Last update 4/96
FSU Partner: KazNIGRI/ Munaigaz		STATUS: O (Operating, Contract, Negotiations, Talking stage)
<u>COMPANY</u>	<u>LOCATION</u>	<u>REMARKS</u>
Tracer Petroleum	Russia West Siberia Yaro-Yarinsk Field	JV for exploration and production. Last update 4/93
FSU Partner:		STATUS: O (Operating, Contract, Negotiations, Talking stage)
United Kiev Resources	Ukraine	UkrCarpat Oil JV to redevelop/restore Bitkov field. Last update 3/96

FSU Partner: Ukrnafta	22 miles SW Ivano-Frankovsk	STATUS: N (Operating, Contract, Negotiations, Talking stage)
-----------------------	-----------------------------	--

Unknown (Cyprus)	Russia	Volgool JV to modernize LUKoil's refinery at Volgograd and export products. Last update 5/93
	European Russia	
FSU Partner: LUKoil	Volgograd	
		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	
FSU Partner: Arlanneft' NGDU	Komi - Vyztskoye/ Sauzbashevskoe /Salkovskoye	
		STATUS: O (Operating, Contract, Negotiations, Talking stage)

Unocal	Delta	Turkmenistan	Turkmen Unocal JV to build gas pipeline from Turkmenistan to Pakistan via Afghanistan. Gas will be supplied from Dauletabad field. Last update 3/96
FSU Partner: Turkmenistan			
			STATUS: N (Operating, Contract, Negotiations, Talking stage)

Urals Trading		Kazakstan	Gyural JV for Baklaniy field producing 36,000 barrels/day. Last update 4/96
FSU Partner: Akhbota/ Atyrau refinery		North of Atyrau	
			STATUS: O (Operating, Contract, Negotiations, Talking stage)

COMPANY

LOCATION

REMARKS

Vegyepszer		Kazakstan	Embavedoil JV to develop Komyskul field producing 12,000 barrels/day. Last update 4/96
FSU Partner: Embamunaigaz/ Akhbota		Atyrau	
			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	

FSU Partner: Geophysical Research Center

Moscow

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