

TOMSK OBLAST BID ROUND

A delegation of officials of the Russian Federation, the administration of the Tomsk Oblast, Tomskneftgasgeologia, and Tomskneft will be in Denver, Colorado, August 3-7, for private meetings with representatives of oil and gas companies interested in discussing details of the January 1993 bid round in the Tomsk area of the Western Siberian basin. (See *International Exploration Newsletter*, July 6, 1992.) A model contract will be available at the meetings.

The Tomsk bid round includes numerous large, partially developed fields, none of which have been produced. A major pipeline running through the area has ample unused capacity, and a subsidiary line to the undeveloped fields is mostly empty. Oil, gas, and condensate reserves are well known in Jurassic sandstones, and oil has also been discovered in the underlying Paleozoic.

Paleozoic reservoirs consist of brecciated cherts and intensely fractured, brecciated and karsted carbonates. The cherts often exceed 200m in thickness. Fracturing and brecciation persists over at least the western half of the bid sector, and lost circulation and bit drops of up to 7m are common. Paleozoic oil columns may exceed 200m and have untreated flow rates of as much as 3000 b/d. The bid sector is divided into 20 blocks ranging in size from 2000-6000 sq km.

All data pertaining to the bid sector, including an overview report, geological and geophysical data, test data, logs, core descriptions, will be available for review by interested parties.

The Russian/Tomsk Oblast delegation will be represented by: V.P. Orlov, Chairman, Russian State Committee of Geology and Use of Natural Resources; V.M. Kress, Head of Tomsk Oblast Administration; O.N. Bogomolov, Staff of the President of Russia, Head of Geology and Mineral Resources Department; A.N. Frenovsky, Director General, P.A. Tomskneftgasgeologia; B.K. Shayduln, Chairman, Foreign Relations Committee, Tomsk Oblast Administration; V.M. Tischenko, Deputy Director General, P.A. Tomskneftgasgeologia; A.V. Elezarov, Deputy Director General, Tomskneft; E.V. Krivosheev, Chief Geophysicist, P.A. Tomskneftgasgeologia; A.T. Sisoev, Manager, Tomsk Geophysical Trust.

Parties interested in attending the meetings should contact: Messrs. Edward Gendelman or Jack Holton, Wavetech Geophysical, Inc., 1600 Broadway, Suite 550, Denver, CO 80202. Phone: 303/839-9488, Fax: 303/839-9497.

Wavetech news release; July 7, 1992

RUSSIA

Global Natural Resources Inc. has begun negotiations with Urengoygazprom (UGP), a production amalgamation that operates a number of fields in the Yamal-Nenets area of Western Siberia, including the giant Urengoy gas field, the largest in the world. The negotiations involve two possible projects, one for the recovery of flare gas at Urengoy, and another for the operation of certain oil and condensate reservoirs in Pestsovoe field, adjacent to Urengoy.

In connection with the negotiations, Global entered into a protocol with Tyumen Gas Technology, and Tyumen Gas Engineering, a research institute affiliated with Urengoygazprom, to provide assistance in forming a joint enterprise to undertake these projects. Global's subsidiary, Texneft, was formed previously to handle its activity in Tatarstan.

Global news release; July 8, 1992

U.K. ONSHORE

LASMO North Sea PLC agreed to sell all its UK onshore interests to Pentex Oil Ltd for US\$8 million. The sale involves 15 onshore licenses, including Stockbridge oil field, which the company operates, and its interests in Singleton and Horndean fields. Net oil production from these fields is about 850 b/d.

LASMO has also disposed of the refining and marketing businesses acquired with the purchase of Ultramar plc. The total expected net to LASMO for these facilities is US\$1,230 million (£655 million).

LASMO is fulfilling its commitment to shareholders to remain a pure exploration and production company. With the purchase of Ultramar and sale of downstream assets, LASMO has acquired 655 million barrels of oil equivalent at a net cost of £1.75 per barrel, and created one of the largest pure exploration and production companies in the world.

LASMO news releases; June 17 & 26, 1992

International Rotary Drilling Rig Report

	June 1992			May 1992			June 1991		
	Land	Off-Shore	Total	Land	Off-Shore	Total	Land	Off-Shore	Total
Summary									
Europe	76	69	145	74	71	145	96	82	178
Middle East	124	28	152	120	30	150	94	18	112
Africa	59	19	78	59	17	76	65	26	91
Latin America	186	64	250	195	62	257	205	67	272
Asia Pacific	187	57	244	184	59	243	192	69	261
Totals	632	237	869	632	236	868	652	262	914
Change	0	-2	-2						
Africa									
Algeria	30	0	30	30	0	30	30	0	30
Angola	0	2	2	0	2	2	0	2	2
Congo	1	4	5	2	1	3	1	1	2
Gabon	2	1	3	2	1	3	2	1	3
Kenya	0	0	0	0	0	0	0	0	0
Libya	15	0	15	15	0	15	0	0	0
Nigeria	8	9	17	9	10	19	10	13	23
South Africa	1	0	1	0	0	0	0	2	2
Tunisia	2	2	4	1	2	3	2	4	6
Other	0	1	1	0	1	1	0	1	1
Total	59	19	78	59	17	76	65	26	91
Middle East									
Abu Dhabi	7	7	14	6	7	13	6	6	12
Dubai	1	1	2	0	2	2	0	3	3
Egypt	9	8	17	6	10	16	6	6	12
Iran	35	3	38	34	3	37	22	0	22
Iraq	0	0	0	0	0	0	0	0	0
Jordan	2	0	2	2	0	2	2	0	2
Kuwait	3	0	3	3	0	3	0	0	0
Oman	11	0	11	11	0	11	15	0	15
Pakistan	11	0	11	13	0	13	9	0	9
Qatar	2	3	5	2	2	4	2	2	4
Saudi Arabia	16	6	22	16	6	22	14	1	15
Syria	17	0	17	16	0	16	13	0	13
Yemen	9	0	9	8	0	8	3	0	3
Other	1	0	1	1	0	1	0	0	0
Total	124	28	152	120	30	150	94	18	112
*No rig report has been received since the Iraq invasion of Kuwait									
Asia Pacific									
Australia	6	4	10	5	4	9	7	6	13
Bangladesh	0	0	0	0	0	0	0	0	0
Brunei	0	2	2	0	1	1	1	1	2
India	102	17	119	104	17	121	117	21	138
Indonesia	40	15	55	38	14	52	38	12	50
Japan	7	0	7	7	0	7	0	3	3
Malaysia	0	10	10	0	10	10	0	15	15
Myanmar (Burma)	18	0	18	17	0	17	0	20	20
New Zealand	1	0	1	1	1	2	1	0	1
Offshore China	0	3	3	0	3	3	0	0	0
Papua New Guinea	2	0	2	2	0	2	0	1	1
Philippines	6	0	6	6	3	9	3	4	7
Taiwan	4	2	6	2	2	4	2	0	2
Thailand	1	4	5	2	4	6	1	3	4
Other	0	0	0	0	0	0	0	0	0
Total	187	57	244	184	59	243	192	69	261
Europe									
Austria	2	0	2	2	0	2	0	0	0
Denmark	0	4	4	1	2	3	0	3	3
France	3	0	3	3	0	3	0	0	0
Germany	6	0	6	11	0	11	6	0	6
Greece	0	0	0	0	0	0	0	0	0
Hungary	4	0	4	2	0	2	6	0	6
Italy	16	9	25	16	9	25	17	10	27
Netherlands	2	6	8	2	7	9	1	11	12
Norway	0	14	14	0	17	17	0	15	15
Poland	24	0	24	20	0	20	25	0	25
Spain	0	0	0	0	0	0	1	0	1
Turkey	17	0	17	16	0	16	19	0	19
United Kingdom	0	36	36	0	34	34	1	43	44
Yugoslavia	1	2	3	0	2	2	14	0	14
Other	1	0	1	1	0	1	0	0	0
Total	76	69	145	74	71	145	96	82	178
Latin America									
Argentina	53	0	53	56	0	56	63	0	63
Bolivia	18	0	18	18	0	18	0	5	5
Brazil	14	14	28	14	13	27	15	7	22
Chile	2	1	3	3	1	4	3	3	6
Colombia	11	0	11	11	0	11	0	7	7
Costa Rica	0	0	0	0	0	0	0	0	0
Ecuador	3	0	3	3	0	3	0	7	7
Mexico	47	31	78	49	30	79	33	33	66
Peru	2	2	4	4	2	6	2	2	4
Trinidad	2	1	3	2	1	3	2	1	3
Venezuela	34	15	49	35	15	50	27	18	45
Other	0	0	0	0	0	0	0	0	0
Total	186	64	250	195	62	257	205	67	272

Source: Baker Hughes Company

July 8, 1992