

MAJOR FIELDS OF LUKOIL GROUP IN RUSSIA

Oil fields

Western Siberia

	2001	2002	2003	2004	2005
Total LUKOIL production of oil in Western Siberia, th. tons	50,182	50,796	52,730	56,351	58,469
Oil production from 13 major oil fields of the Group in the region, th. tons	40,022	40,362	41,822	44,051	45,325
Share, %	79.8	79.5	79.3	78.2	77.5

LUKOIL oil reserves in Western Siberia, mln barrels					8,572
Oil reserves of 13 major oil fields of the Group in the region, mln barrels					6,288
Share, %					73.4

Tevlinsko-Russkinskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					1,261
Oil production, th. tons	9,436	9,509	10,074	10,985	11,320
Cumulative oil production, mln tons	69.5	79.0	89.0	100.0	111.3
<i>Wellstock, wells</i>	<i>1,883</i>	<i>1,971</i>	<i>2,037</i>	<i>2,088</i>	<i>2,151</i>
Production wells	1,394	1,398	1,242	1,233	1,332
Production wells in use	1,375	1,311	1,212	1,171	1,227
Average flow rate per well, tons per day	19.9	19.9	22.7	26.2	25.6
Watercut, %	39.2	40.7	42.9	45.4	54.9

Vatyeganskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					1,411
Oil production, th. tons	7,994	7,887	7,955	8,058	8,175
Cumulative oil production, mln tons	112.3	120.2	128.1	136.2	144.4
<i>Wellstock, wells</i>	<i>3,294</i>	<i>3,396</i>	<i>3,450</i>	<i>3,476</i>	<i>3,563</i>
Production wells	2,400	2,441	2,336	2,362	2,390
Production wells in use	2,186	2,243	2,185	2,144	2,124
Average flow rate per well, tons per day	10.8	10.1	10.1	10.6	10.7
Watercut, %	74.5	75.3	75.9	78.4	80.8

Povkhovskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					842
Oil production, th. tons	5,182	5,236	5,365	5,618	5,824
Cumulative oil production, mln tons	143.8	149.0	154.4	160.0	165.8
<i>Wellstock, wells</i>	<i>3,202</i>	<i>3,202</i>	<i>3,202</i>	<i>3,202</i>	<i>3,202</i>
Production wells	1,924	1,951	1,901	1,831	1,836
Production wells in use	1,328	1,346	1,365	1,330	1,422
Average flow rate per well, tons per day	11.4	11.0	11.0	11.9	11.8
Watercut, %	53.0	55.7	57.1	61.5	66.3

South-Yagunskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					818
Oil production, th. tons	4,418	4,528	4,481	4,535	4,387
Cumulative oil production, mln tons	99.6	104.1	108.6	113.2	117.5
<i>Wellstock, wells</i>	<i>1,736</i>	<i>1,757</i>	<i>1,759</i>	<i>1,771</i>	<i>1,776</i>
Production wells	1,061	1,057	960	1,006	1,046
Production wells in use	965	940	884	907	943
Average flow rate per well, tons per day	13.2	13.1	13.9	14.6	13.2
Watercut, %	71.8	74.6	75.3	76.3	80.1

Pokachevskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					401
Oil production, th. tons	2,806	2,855	2,978	3,096	3,412
Cumulative oil production, mln tons	123.8	126.7	129.7	132.8	136.2
<i>Wellstock, wells</i>	<i>2,187</i>	<i>2,188</i>	<i>2,199</i>	<i>2,206</i>	<i>2,214</i>
Production wells	1,287	1,305	1,160	1,182	1,165
Production wells in use	1,062	1,008	995	965	978
Average flow rate per well, tons per day	7.2	7.4	8.0	8.7	9.4
Watercut, %	87.9	88.8	88.1	87.7	88.6

Kogalymskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					226
Oil production, th. tons	1,985	1,950	2,162	2,380	2,460
Cumulative oil production, mln tons	14.4	16.4	18.5	20.9	23.4
<i>Wellstock, wells</i>	<i>396</i>	<i>425</i>	<i>444</i>	<i>473</i>	<i>504</i>
Production wells	218	215	231	240	267
Production wells in use	191	196	214	217	232
Average flow rate per well, tons per day	31.3	28.7	30.0	33.5	30.8
Watercut, %	37.3	40.1	42.6	40.2	41.9

Uryevskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					328
Oil production, th. tons	2,165	2,100	2,037	1,987	1,935
Cumulative oil production, mln tons	68.7	70.8	72.8	74.8	76.7
<i>Wellstock, wells</i>	<i>1,937</i>	<i>1,947</i>	<i>1,962</i>	<i>1,984</i>	<i>2,008</i>
Production wells	1,159	1,141	1,043	989	945
Production wells in use	967	839	788	782	798
Average flow rate per well, tons per day	6.3	6.4	6.9	7.0	6.7
Watercut, %	89.7	88.7	89.9	90.3	90.9

Nong-Yeganskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					208
Oil production, th. tons	1,573	1,397	1,431	1,456	1,536
Cumulative oil production, mln tons	23.0	24.4	25.8	27.3	28.8
<i>Wellstock, wells</i>	442	443	443	443	443
Production wells	293	275	222	223	240
Production wells in use	259	228	190	195	204
Average flow rate per well, tons per day	16.6	15.8	18.7	20.1	21.3
Watercut, %	73.2	79.0	76.7	73.0	75.4

Kluchevoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					137
Oil production, th. tons	1,926	1,987	1,910	1,751	1,464
Cumulative oil production, mln tons	11.6	15.5	15.4	17.2	18.6
<i>Wellstock, wells</i>	370	398	405	409	409
Production wells	286	303	304	299	295
Production wells in use	258	270	281	275	259
Average flow rate per well, tons per day	21.0	20.5	19.5	17.2	14.9
Watercut, %	56.4	61.4	66.1	71.5	78.8

Druzhnoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					156
Oil production, th. tons	1,153	1,203	1,249	1,287	1,380
Cumulative oil production, mln tons	37.6	38.8	40.1	41.4	42.8
<i>Wellstock, wells</i>	895	895	895	896	915
Production wells	568	569	330	333	363
Production wells in use	525	464	279	288	324
Average flow rate per well, tons per day	6.3	6.7	9.4	12.8	12.7
Watercut, %	88.3	88.4	85.1	80.8	81.6

Nivagalskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					351
Oil production, th. tons	1,255	1,295	1,356	1,422	1,283
Cumulative oil production, mln tons	11.0	12.3	13.7	15.1	16.4
<i>Wellstock, wells</i>	835	862	903	931	931
Production wells	512	550	525	501	474
Production wells in use	405	345	366	356	376
Average flow rate per well, tons per day	8.5	9.3	10.2	10.7	9.7
Watercut, %	66.1	69.5	74.2	75.6	79.9

Middle-Khulymskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					68
Oil production, th. tons	0.2	86	379	781	1,090
Cumulative oil production, mln tons	0.0	0.1	0.5	1.2	2.3
<i>Wellstock, wells</i>	<i>1</i>	<i>7</i>	<i>32</i>	<i>61</i>	<i>85</i>
Production wells	1	7	32	53	72
Production wells in use	1	7	29	51	69
Average flow rate per well, tons per day	13.3	87.6	61.6	59.1	52.5
Watercut, %	–	0.6	11.9	19.3	23.8

Kochevskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					81
Oil production, th. tons	129	329	445	695	1,059
Cumulative oil production, mln tons	0.1	0.5	0.9	1.6	2.7
<i>Wellstock, wells</i>	<i>28</i>	<i>47</i>	<i>65</i>	<i>79</i>	<i>107</i>
Production wells	28	42	57	61	75
Production wells in use	22	39	53	61	71
Average flow rate per well, tons per day	35.6	27.8	28.9	33.6	46.1
Watercut, %	11.8	19.1	21.8	16.8	23.2

Timan-Pechora

	2001	2002	2003	2004	2005
Total LUKOIL production of oil in Timan-Pechora, th. tons	7,997	8,986	10,199	11,732	12,476
Oil production from 5 major oil fields of the Group in the region, th. tons	5,376	5,884	6,677	7,891	8,308
Share, %	67.2	65.5	65.5	67.3	66.6

LUKOIL oil reserves in Timan-Pechora, mln barrels					3,833
Oil reserves of 5 major oil fields of the Group in the region, mln barrels					1,572
Share, %					41.0

Kharyaginskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					454
Oil production, th. tons	2,168	2,483	2,625	2,711	2,721
Cumulative oil production, mln tons	19.9	22.4	25.0	27.7	30.5
<i>Wellstock, wells</i>	<i>294</i>	<i>315</i>	<i>326</i>	<i>331</i>	<i>333</i>
Production wells	188	199	212	221	226
Production wells in use	167	171	183	184	188
Average flow rate per well, tons per day	39.2	42.5	42.3	40.7	39.6
Watercut, %	31.9	30.8	33.5	38.5	42.0

Usinskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					629
Oil production, th. tons	2,080	2,040	2,064	2,128	2,149
Cumulative oil production, mln tons	142.3	144.4	146.4	148.5	150.7
<i>Wellstock, wells</i>	<i>1,734</i>	<i>1,740</i>	<i>1,755</i>	<i>1,755</i>	<i>1,752</i>
Production wells	1,217	1,226	1,218	1,210	1,224
Production wells in use	672	659	655	680	670
Average flow rate per well, tons per day	8.5	8.8	8.9	8.8	8.8
Watercut, %	83.4	83.0	83.0	83.1	83.3

South-Shapkinskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					145
Oil production, th. tons	–	13	494	1,346	1,498
Cumulative oil production, mln tons	–	0.01	0.51	1.86	3.35
<i>Wellstock, wells</i>	–	<i>6</i>	<i>26</i>	<i>43</i>	<i>57</i>
Production wells	–	3	18	27	30
Production wells in use	–	1	17	24	28
Average flow rate per well, tons per day	–	174.7	247.2	198.2	157.2
Watercut, %	–	–	1.3	7.9	21.1

Vozeiskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					243
Oil production, th. tons	1,128	1,175	1,137	1,085	1,058
Cumulative oil production, mln tons	92.4	93.6	94.7	95.8	96.8
<i>Wellstock, wells</i>	<i>1,585</i>	<i>1,585</i>	<i>1,587</i>	<i>1,587</i>	<i>1,588</i>
Production wells	742	751	772	768	819
Production wells in use	337	330	332	347	363
Average flow rate per well, tons per day	7.8	9.8	9.9	9.0	8.4
Watercut, %	87.8	89.4	89.6	89.8	89.7

Tedinskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					101
Oil production, th. tons	–	173	357	621	882
Cumulative oil production, mln tons	–	0.17	0.53	1.15	2.03
<i>Wellstock, wells</i>	<i>1</i>	<i>9</i>	<i>13</i>	<i>19</i>	<i>28</i>
Production wells	1	9	13	19	28
Production wells in use	1	9	13	19	27
Average flow rate per well, tons per day	50.0	118.4	97.1	124.9	106.8
Watercut, %	0.0	0.3	7.0	5.8	23.3

Urals

	2001	2002	2003	2004	2005
Share of the Unvinskoye field in LUKOIL oil production in Urals, %	11.6	10.3	10.1	10.2	11.2
Share of the Unvinskoye field in LUKOIL oil reserves in Urals, %					7.6

Unvinskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					164
Oil production, th. tons	1,065	1,020	1,007	1,033	1,152
Cumulative oil production, mln tons	18.4	19.5	20.5	21.5	22.7
Wellstock, wells	421	424	428	428	428
Production wells	277	279	283	289	294
Production wells in use	260	257	257	262	233
Average flow rate per well, tons per day	11.8	11.3	11.3	11.3	13.6
Watercut, %	18.6	23.0	25.6	24.3	19.8

Volga

	2001	2002	2003	2004	2005
Share of the Pamyatno-Sasovskoye field in LUKOIL oil production in Volga, %	77.8	76.8	76.5	77.0	78.4
Share of the Pamyatno-Sasovskoye field in LUKOIL oil reserves in Volga (excluding Caspian), %					62.1

Pamyatno-Sasovskoye field

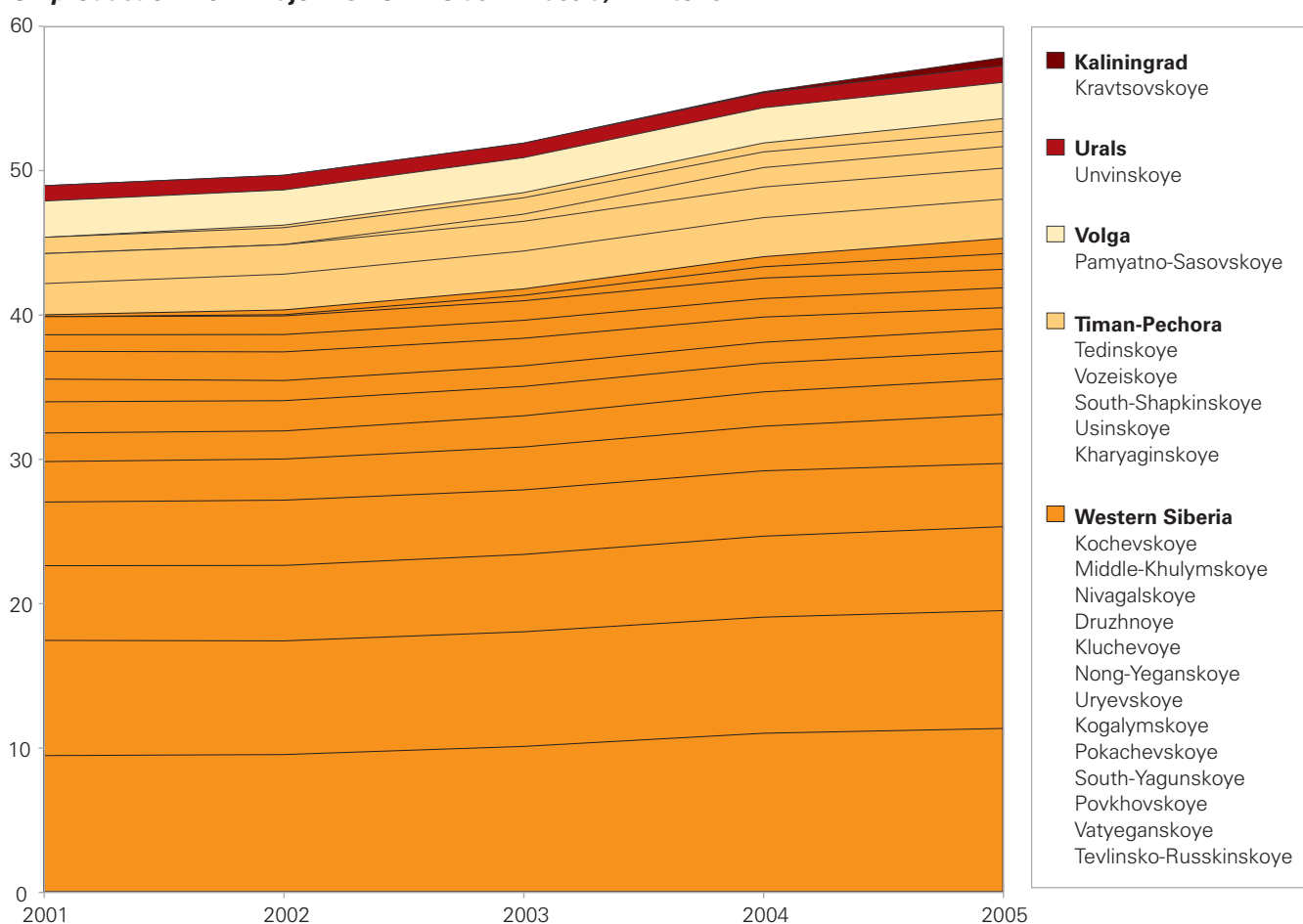
	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					177
Oil production, th. tons	2,520	2,443	2,428	2,444	2,518
Cumulative oil production, mln tons	17.4	19.8	22.3	24.7	27.2
Wellstock, wells	61	61	61	61	62
Production wells	52	51	51	49	48
Production wells in use	52	50	50	49	47
Average flow rate per well, tons per day	135.1	131.5	134.5	135.5	143.5
Watercut, %	0.3	0.2	0.0	0.2	0.7

Kaliningrad

	2001	2002	2003	2004	2005
Share of the Kravtsovskoye field in LUKOIL oil production in Kaliningrad, %	–	–	–	10.3	47.3
Share of the Kravtsovskoye field in LUKOIL oil reserves in Kaliningrad, %					52.5

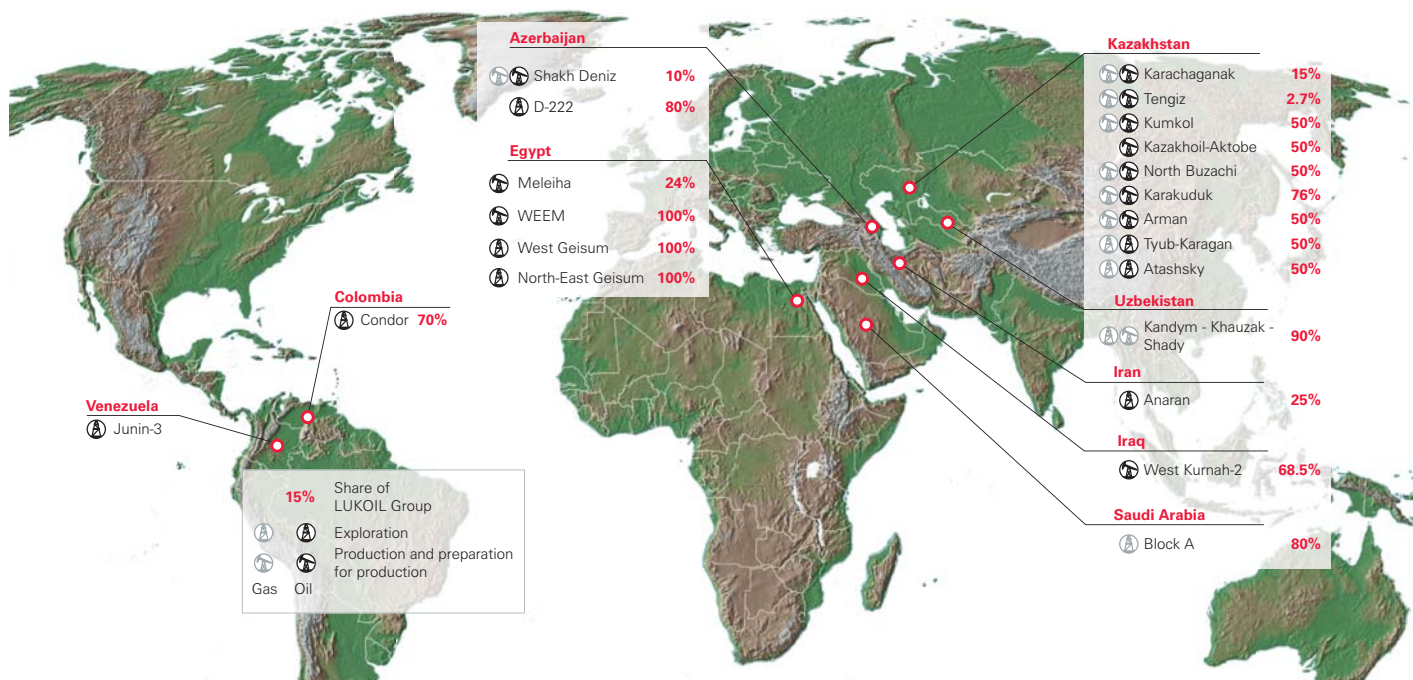
Kravtsovskoye field

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels					53
Oil production, th. tons	–	–	–	80	562
Cumulative oil production, mln tons	–	–	–	0.08	0.64
<i>Wellstock, wells</i>	–	–	–	3	8
Production wells	–	–	–	3	8
Production wells in use	–	–	–	3	8
Average flow rate per well, tons per day	–	–	–	237.4	277.0
Watercut, %	–	–	–	14.5	5.5

Oil production from major LUKOIL fields in Russia, mln tons**Gas fields****Nakhodkinskoye field**

	2001	2002	2003	2004	2005
Proved natural gas reserves, bcf					3,956
Natural gas production, mcm	–	–	–	7	472
Cumulative natural gas production, mcm	–	–	–	7	479
<i>Wellstock, wells</i>	–	–	–	–	52
Production wells	–	–	–	–	49
Production wells in use	–	–	–	–	13

INTERNATIONAL PROJECTS OF LUKOIL GROUP



International projects, total

	2001	2002	2003	2004	2005
Proved oil reserves, mln barrels	547	525	471	487	614
Proved gas reserves, bcf	1,824	1,732	2,306	3,216	3,845
Hydrocarbon reserves, mln boe	851	814	855	1,023	1,255
Oil production, th. tons	2,221	2,917	2,869	3,480	3,881
Gas production, mcm	670	839	951	1,491	1,835
Hydrocarbon production, mln boe	20.4	26.4	27.7	35.8	40.4

Karachaganak

Proved oil reserves, mln barrels	240	231	232	231	208
Proved gas reserves, bcf	1,669	1,582	2,030	1,624	1,441
Hydrocarbon reserves, mln boe	518	495	570	502	448
Oil production, th. tons	557	720	825	1,189	1,438
Gas production, mcm	531	676	781	1,273	1,606
Hydrocarbon production, mln boe	7.3	9.4	11.1	16.9	20.7

Kumkol

Proved oil reserves, mln barrels	85	96	107	111	89
Oil production, th. tons	750	1,075	1,402	1,689	1,502
Gas production, mcm	7	8	14	51	54
Hydrocarbon production, mln boe	5.6	7.9	10.9	13.3	11.7

Tengiz

Proved oil reserves, mln barrels	98	95	106	112	118
Proved gas reserves, bcf	155	150	151	188	177
Hydrocarbon reserves, mln boe	124	120	131	143	147
Oil production, th. tons	337	355	344	369	366
Gas production, mcm	132	155	156	167	172
Hydrocarbon production, mln boe	3.4	3.6	3.6	3.9	3.9

	2001	2002	2003	2004	2005
North Buzachi					
Proved oil reserves, mln barrels	–	–	–	–	42
Oil production, th. tons	–	–	–	–	103
Gas production, mcm	–	–	–	–	2
Hydrocarbon production, mln boe	–	–	–	–	0.7
Arman					
Proved oil reserves, mln barrels	–	–	–	–	3
Oil production, th. tons	–	–	–	–	19
Oil production, mln barrels	–	–	–	–	0.1
Karakuduk					
Proved oil reserves, mln barrels	–	–	–	–	38
Oil production, th. tons	–	–	–	–	125
Gas production, mcm	–	–	–	–	1
Hydrocarbon production, mln boe	–	–	–	–	0.9
Kazakhoil-Aktobe					
Proved oil reserves, mln barrels	–	–	–	–	89
Oil production, th. tons	–	–	–	–	114
Oil production, mln barrels	–	–	–	–	0.8
Meleiha					
Proved oil reserves, mln barrels	4	8	4	1	3
Oil production, th. tons	47	45	43	53	47
Oil production, mln barrels	0.3	0.3	0.3	0.4	0.4
WEEM					
Proved oil reserves, mln barrels	–	17	15	13	7
Oil production, th. tons	21	170	255	180	167
Oil production, mln barrels	0.1	1.2	1.8	1.3	1.2
Azeri – Chirag – Guneshli					
Proved oil reserves, mln barrels	120	78	–	–	–
Oil production, th. tons	509	552	–	–	–
Oil production, mln barrels	3.7	4.0	–	–	–
Shakh Deniz					
Proved oil reserves, mln barrels	–	–	7	15	11
Proved gas reserves, bcf	–	–	125	338	249
Hydrocarbon reserves, mln boe	–	–	28	71	53
Kandym – Khauzak – Shady					
Proved oil reserves, mln barrels	–	–	–	4	6
Proved gas reserves, bcf	–	–	–	1,066	1,978
Hydrocarbon reserves, mln boe	–	–	–	182	336