

STATE OF ISRAEL
MINISTRY OF NATIONAL INFRASTRUCTURES
OIL AND GAS SECTION
OWNERSHIP IN PETROLEUM RIGHTS
UPDATED 10/08/10

The table shows the percentage of the partners in petroleum rights in Israel, according to the Petroleum Register.

(*) The operator

(**) Submitted applications based on priority rights granted to applicants. Applications under examination in light to restrictions defined in article 17(b) of the Petroleum Law

LEASES (including carveouts)

I/1 Arad (27000 dunams)	<i>Validity</i>	<i>17/10/1961</i>	-	<i>16/10/2011</i>
* Israel Oil Co.	100.0000 %			
I/7 Noa (250000 dunams)	<i>Validity</i>	<i>01/02/2000</i>	-	<i>31/01/2030</i>
* Noble Energy Mediterranean Ltd.	47.0590 %			
Delek Drilling Ltd. Partn.	25.5000 %			
Avner Oil Ltd. Partn.	23.0000 %			
Delek Invest. Properties	4.4410 %			
I/8 Med Yavne (52300 dunams)	<i>Validity</i>	<i>11/06/2000</i>	-	<i>10/06/2030</i>
Isramco Negev 2 Ltd. Partn.	49.8633 %			
* Israel Oil Co.	14.7743 %			
Ratio Oil Explor. Ltd. Partn.	12.3077 %			
Israeli Petrochem. Enterpr.	5.5385 %			
Jerusalem Oil Explor.	4.4318 %			
Naphta Explor. Ltd. Partn.	3.5117 %			
Equital	3.3291 %			
Dor Chemicals	2.7692 %			
Dor Gas Exploration Ltd. Partn.	2.7692 %			
Isramco Inc.	0.7052 %			
I/11 Rosh Haayin (243000 dunams)	<i>Validity</i>	<i>01/04/2002</i>	-	<i>31/03/2032</i>
* Givot Olam Ltd. Partn.	99.0000 %			
Millenium Quest Pty Ltd.	1.0000 %			

I/10	Ashqelon (250000 dunams)	<i>Validity</i>	<i>11/06/2002 - 10/06/2032</i>
*	Noble Energy Mediterranean Ltd.	47.0590 %	
	Delek Drilling Ltd. Partn.	25.5000 %	
	Avner Oil Ltd. Partn.	23.0000 %	
	Delek Invest. Properties	4.4410 %	
I/12	Tamar (250000 dunams)	<i>Validity</i>	<i>02/12/2008 - 01/12/2038</i>
*	Noble Energy Mediterranean Ltd.	36.0000 %	
	Isramco Negev 2 Ltd. Partn.	28.7500 %	
	Avner Oil Ltd. Partn.	15.6250 %	
	Delek Drilling Ltd. Partn.	15.6250 %	
	Dor Gas Exploration Ltd. Partn.	4.0000 %	
I/13	Dalit (250000 dunams)	<i>Validity</i>	<i>02/12/2008 - 01/12/2038</i>
*	Noble Energy Mediterranean Ltd.	36.0000 %	
	Isramco Negev 2 Ltd. Partn.	28.7500 %	
	Avner Oil Ltd. Partn.	15.6250 %	
	Delek Drilling Ltd. Partn.	15.6250 %	
	Dor Gas Exploration Ltd. Partn.	4.0000 %	

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320 Sarit (147900 dunams)	<i>Validity</i>	<i>10/11/2003</i>	-	<i>01/11/2010</i>
* Lapidoth-Heletz Ltd. Partn.	42.5000 %			
Ratio Oil Explor. Ltd. Partn.	25.0000 %			
Modiin Energy Partnership Limited	22.5000 %			
Israel Opportunity Ltd. Partn.	10.0000 %			
321 Zerach (399200 dunams)	<i>Validity</i>	<i>01/01/2004</i>	-	<i>31/12/2010</i>
* Zerach Oil Exploration Ltd. Partn.	100.0000 %			
<i>Carveout Zuk Tamrur (16500 dunams)</i>				
Zerach Oil Exploration Ltd. Partn.	50.0000 %			
* Avner Oil Ltd. Partn.	25.0000 %			
Delek Drilling Ltd. Partn.	25.0000 %			
322 Luba (150400 dunams)	<i>Validity</i>	<i>01/01/2004</i>	-	<i>31/12/2010</i>
* Ginko Oil explor. Ltd. Partn.	100.0000 %			
326 Shachar (389000 dunams)	<i>Validity</i>	<i>19/07/2005</i>	-	<i>31/12/2010</i>
* Ginko Oil explor. Ltd. Partn.	100.0000 %			
327 Zurim (335000 dunams)	<i>Validity</i>	<i>19/07/2005</i>	-	<i>31/12/2010</i>
* Zerach Oil Exploration Ltd. Partn.	85.0000 %			
Modiin Energy Partnership Limited	15.0000 %			
<i>Carveout Halamish (35425 dunams)</i>				
Zerach Oil Exploration Ltd. Partn.	42.5000 %			
* Avner Oil Ltd. Partn.	25.0000 %			
Delek Drilling Ltd. Partn.	25.0000 %			
Modiin Energy Partnership Limited	7.5000 %			
330 Maccabi (110000 dunams)	<i>Validity</i>	<i>15/06/2006</i>	-	<i>15/06/2011</i>
* Givot Olam Ltd. Partn.	100.0000 %			
331 Ohad (400000 dunams)	<i>Validity</i>	<i>15/06/2006</i>	-	<i>30/09/2010</i>
* Avner Oil Ltd. Partn.	50.0000 %			
Delek Drilling Ltd. Partn.	50.0000 %			

332 Shimshon (400000 dunams)	<i>Validity</i>	<i>15/06/2006</i>	-	<i>30/06/2011</i>
Isramco Inc.	79.0000 %			
INOC - Dead Sea Ltd. Partn.	10.0000 %			
Naphta Explor. Ltd. Partn.	10.0000 %			
* Israel Oil Co.	1.0000 %			
334 Asher-Menashe (319000 dunams)	<i>Validity</i>	<i>10/06/2007</i>	-	<i>09/06/2011</i>
* Zion Oil & Gas Inc.	100.0000 %			
337 Aviah (400000 dunams)	<i>Validity</i>	<i>10/06/2007</i>	-	<i>08/06/2011</i>
* Avner Oil Ltd. Partn.	50.0000 %			
Delek Drilling Ltd. Partn.	50.0000 %			
338 Qeren (400000 dunams)	<i>Validity</i>	<i>10/06/2007</i>	-	<i>30/09/2010</i>
* Avner Oil Ltd. Partn.	50.0000 %			
Delek Drilling Ltd. Partn.	50.0000 %			
335 Heletz-Kokhav (229600 dunams)	<i>Validity</i>	<i>27/08/2007</i>	-	<i>26/08/2010</i>
* Avenue Energy Israel Ltd.	75.0000 %			
Lapidoth-Heletz Ltd. Partn.	25.0000 %			
339 Maanit-Joseph (337000 dunams)	<i>Validity</i>	<i>11/10/2007</i>	-	<i>10/10/2011</i>
* Zion Oil & Gas Inc.	100.0000 %			
342 Hof Ashqelon (80000 dunams)	<i>Validity</i>	<i>11/10/2007</i>	-	<i>10/10/2010</i>
* Cassal Drilling Ltd.	100.0000 %			
343 Irus (36800 dunams)	<i>Validity</i>	<i>14/02/2008</i>	-	<i>13/02/2011</i>
Avenue Energy Israel Ltd.	75.0000 %			
* Lapidoth-Heletz Ltd. Partn.	25.0000 %			
347 Myra (400000 dunams)	<i>Validity</i>	<i>14/07/2008</i>	-	<i>13/07/2011</i>
* Emanuelle Energy Ltd.	24.1610 %			
Modiin Energy Partnership Limited	19.2820 %			
Emanuelle Energy Oil & Gas Ltd. Par	19.1610 %			
IPC Oil and Gas Ltd. Partn.	13.6090 %			
Blue Water Oil & Gas Explor. Ltd.	8.7870 %			
GeoGlobal Resources (India) Inc.	5.0000 %			
IDB Development Corporation Ltd.	5.0000 %			
Israel Land Development Company L	5.0000 %			

348 Sara (400000 dunams)	<i>Validity</i>	<i>14/07/2008 - 13/07/2011</i>
* Emanuelle Energy Ltd.	24.1610 %	
Modiin Energy Partnership Limited	19.2820 %	
Emanuelle Energy Oil & Gas Ltd. Par	19.1610 %	
IPC Oil and Gas Ltd. Partn.	13.6090 %	
Blue Water Oil & Gas Explor. Ltd.	8.7870 %	
GeoGlobal Resources (India) Inc.	5.0000 %	
IDB Development Corporation Ltd.	5.0000 %	
Israel Land Development Company L	5.0000 %	
349 Rachel (400000 dunams)	<i>Validity</i>	<i>15/12/2008 - 14/12/2011</i>
* Noble Energy Mediterranean Ltd.	39.6600 %	
Avner Oil Ltd. Partn.	22.6700 %	
Delek Drilling Ltd. Partn.	22.6700 %	
Ratio Oil Explor. Ltd. Partn.	15.0000 %	
350 Amit (400000 dunams)	<i>Validity</i>	<i>15/12/2008 - 14/12/2011</i>
* Noble Energy Mediterranean Ltd.	39.6600 %	
Avner Oil Ltd. Partn.	22.6700 %	
Delek Drilling Ltd. Partn.	22.6700 %	
Ratio Oil Explor. Ltd. Partn.	15.0000 %	
351 Hanna (397000 dunams)	<i>Validity</i>	<i>15/12/2008 - 14/12/2011</i>
* Noble Energy Mediterranean Ltd.	39.6600 %	
Avner Oil Ltd. Partn.	22.6700 %	
Delek Drilling Ltd. Partn.	22.6700 %	
Ratio Oil Explor. Ltd. Partn.	15.0000 %	
352 David (400000 dunams)	<i>Validity</i>	<i>15/12/2008 - 14/12/2011</i>
* Noble Energy Mediterranean Ltd.	39.6600 %	
Avner Oil Ltd. Partn.	22.6700 %	
Delek Drilling Ltd. Partn.	22.6700 %	
Ratio Oil Explor. Ltd. Partn.	15.0000 %	
353 Eran (179000 dunams)	<i>Validity</i>	<i>15/12/2008 - 14/12/2011</i>
* Noble Energy Mediterranean Ltd.	39.6600 %	
Avner Oil Ltd. Partn.	22.6700 %	
Delek Drilling Ltd. Partn.	22.6700 %	
Ratio Oil Explor. Ltd. Partn.	15.0000 %	

354 Beeri (20000 dunams)	<i>Validity</i>	15/12/2008	-	14/12/2011
* Envent Ltd.	100.0000 %			
355 Notera (73700 dunams)	<i>Validity</i>	15/12/2008	-	14/12/2011
* Coalbed Gaz Hachula Ltd.	100.0000 %			
356 Eitan (125700 dunams)	<i>Validity</i>	15/12/2008	-	14/12/2011
* Adira Energy Israel Ltd.	100.0000 %			
357 Maya (25000 dunams)	<i>Validity</i>	15/12/2008	-	14/12/2011
* Zerach Oil Exploration Ltd. Partn.	100.0000 %			
** 358 Ruth A (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Noble Energy Mediterranean Ltd.	47.0590 %			
Delek Drilling Ltd. Partn.	27.8350 %			
Avner Oil Ltd. Partn.	25.1060 %			
** 359 Ruth B (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Noble Energy Mediterranean Ltd.	47.0590 %			
Delek Drilling Ltd. Partn.	27.8350 %			
Avner Oil Ltd. Partn.	25.1060 %			
** 360 Ruth C (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Noble Energy Mediterranean Ltd.	47.0590 %			
Delek Drilling Ltd. Partn.	27.8350 %			
Avner Oil Ltd. Partn.	25.1060 %			
** 361 Ruth D (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Noble Energy Mediterranean Ltd.	47.0590 %			
Delek Drilling Ltd. Partn.	27.8350 %			
Avner Oil Ltd. Partn.	25.1060 %			
** 362 Ruth E (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Noble Energy Mediterranean Ltd.	47.0590 %			
Delek Drilling Ltd. Partn.	27.8350 %			
Avner Oil Ltd. Partn.	25.1060 %			
** 363 Ruth F (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Noble Energy Mediterranean Ltd.	47.0590 %			
Delek Drilling Ltd. Partn.	27.8350 %			
Avner Oil Ltd. Partn.	25.1060 %			

** 364 Alon A (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Noble Energy Mediterranean Ltd.	47.0590 %			
Avner Oil Ltd. Partn.	26.4705 %			
Delek Drilling Ltd. Partn.	26.4705 %			
** 365 Alon B (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Noble Energy Mediterranean Ltd.	47.0590 %			
Avner Oil Ltd. Partn.	26.4705 %			
Delek Drilling Ltd. Partn.	26.4705 %			
** 366 Alon C (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Noble Energy Mediterranean Ltd.	47.0590 %			
Avner Oil Ltd. Partn.	26.4705 %			
Delek Drilling Ltd. Partn.	26.4705 %			
** 367 Alon D (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Noble Energy Mediterranean Ltd.	47.0590 %			
Avner Oil Ltd. Partn.	26.4705 %			
Delek Drilling Ltd. Partn.	26.4705 %			
** 368 Alon E (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Noble Energy Mediterranean Ltd.	47.0590 %			
Avner Oil Ltd. Partn.	26.4705 %			
Delek Drilling Ltd. Partn.	26.4705 %			
** 369 Alon F (318000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Noble Energy Mediterranean Ltd.	47.0590 %			
Avner Oil Ltd. Partn.	26.4705 %			
Delek Drilling Ltd. Partn.	26.4705 %			
370 Ishai (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Pelagic Exploration Co.	100.0000 %			
371 Aditya (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Pelagic Exploration Co.	100.0000 %			
372 Lela (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Pelagic Exploration Co.	100.0000 %			
373 Yahav (400000 dunams)	<i>Validity</i>	01/03/2009	-	29/02/2012
* Pelagic Exploration Co.	100.0000 %			

374 Yoad (400000 dunams)	<i>Validity</i>	<i>01/03/2009</i>	-	<i>29/02/2012</i>
* Pelagic Exploration Co.	100.0000 %			
375 Aila (50000 dunams)	<i>Validity</i>	<i>01/03/2009</i>	-	<i>29/02/2012</i>
* Pelagic Exploration Co.	100.0000 %			
376 Nir Am - Saad (75000 dunams)	<i>Validity</i>	<i>01/03/2009</i>	-	<i>29/02/2012</i>
* Energtek Products Ltd.	100.0000 %			
378 Gabriela (390000 dunams)	<i>Validity</i>	<i>15/07/2009</i>	-	<i>14/07/2012</i>
Modiin Energy Partnership Limited	70.0000 %			
* Adira Energy Israel Ltd.	30.0000 %			
379 Palmahim (124950 dunams)	<i>Validity</i>	<i>15/10/2009</i>	-	<i>14/10/2012</i>
* Cassal Wells Ltd.	100.0000 %			
380 Izhak (127740 dunams)	<i>Validity</i>	<i>15/10/2009</i>	-	<i>14/10/2012</i>
* Adira Energy Israel Ltd.	100.0000 %			
381 Ofek (393473 dunams)	<i>Validity</i>	<i>15/10/2009</i>	-	<i>14/10/2012</i>
* Globe Exploration (I.H.D.) Partn. Ltd	100.0000 %			
382 Bar-Or (266000 dunams)	<i>Validity</i>	<i>15/10/2009</i>	-	<i>14/10/2012</i>
* Globe Exploration (I.H.D.) Partn. Ltd	100.0000 %			
383 Yam Hadera (400000 dunams)	<i>Validity</i>	<i>15/02/2010</i>	-	<i>14/02/2013</i>
* Modiin Energy Partnership Limited	100.0000 %			
384 Orli (102400 dunams)	<i>Validity</i>	<i>15/02/2010</i>	-	<i>14/02/2013</i>
Ginko Oil explor. Ltd. Partn.	50.0000 %			
* Zerach Oil Exploration Ltd. Partn.	50.0000 %			
385 Gurim-Hadash (5000 dunams)	<i>Validity</i>	<i>15/02/2010</i>	-	<i>14/02/2013</i>
* Rig Builders Contractors	100.0000 %			
386 Yahal (295200 dunams)	<i>Validity</i>	<i>15/02/2010</i>	-	<i>14/02/2013</i>
Dr. Barukh Derin Cons. & Serv.	50.0000 %			
* Griffin Investment Strategy	50.0000 %			

387 Shemen (400000 dunams)	<i>Validity</i>	<i>15/02/2010</i>	-	<i>14/02/2013</i>
* ACC International Holdings	100.0000 %			
388 Samuel (361000 dunams)	<i>Validity</i>	<i>01/08/2010</i>	-	<i>31/07/2013</i>
* Adira Geoglobal Ltd.	30.0000 %			
GeoGlobal Resources (India) Inc.	30.0000 %			
Adira Oil Technologies Ltd.	23.2500 %			
Pinetree Capital Ltd.	10.0000 %			
Brownstone Ventures Inc.	6.7500 %			
389 Shiqma Yam (135000 dunams)	<i>Validity</i>	<i>01/08/2010</i>	-	<i>31/07/2013</i>
* Cassal Drilling Ltd.	85.0000 %			
Cassela Wines Pty. Ltd.	10.0000 %			
Australian Drilling Associates Pty. Lt	5.0000 %			
PRELIMINARY PERMITS (with priority rights)				
200 Daniel (1446500 dunams)	<i>Validity</i>	<i>22/03/2009</i>	-	<i>21/09/2010</i>
Isramco Oil and Gas Ltd.	99.0000 %			
* Israel Oil Co.	1.0000 %			
201 Issachar-Zevulun (660420 dunams)	<i>Validity</i>	<i>24/08/2009</i>	-	<i>23/02/2011</i>
* Zion Oil & Gas Inc.	100.0000 %			
202 Gal (1770000 dunams)	<i>Validity</i>	<i>07/02/2010</i>	-	<i>06/08/2011</i>
* Ratio Oil Explor. Ltd. Partn.	100.0000 %			
203 Gulliver (509000 dunams)	<i>Validity</i>	<i>07/06/2010</i>	-	<i>06/12/2011</i>
* Ginko Oil explor. Ltd. Partn.	50.0000 %			
Zerach Oil Exploration Ltd. Partn.	50.0000 %			