

CHAIRMAN & CEO C.H. (SCOTT) REES III DANNY D. SIMMONS EXECUTIVE VP G. LANCE BINDER

EXECUTIVE COMMITTEE P. SCOTT FROST - DALLAS PRESIDENT & COO J. CARTER HENSON, JR. - HOUSTON DAN PAUL SMITH - DALLAS JOSEPH J. SPELLMAN - DALLAS THOMAS J. TELLA II - DALLAS

February 25, 2013

Mr. Tovia Luskin Givot Olam Oil Exploration Limited Partnership (1993) 5 Shlomo Halevi Har Hotzvim, Jerusalem 91451 Israel

Dear Mr. Luskin:

As independent consultants, Netherland, Sewell & Associates, Inc. hereby grants permission to Givot Olam Oil Exploration Limited Partnership (1993) to use our report dated February 21, 2013, in the February 2013 Prospectus and in public reports to be filed with the Israel Securities Authority (ISA) and the Tel Aviv Stock Exchange (TASE). This report sets forth our estimates of the proved, probable, and possible reserves and future revenue, as of December 31, 2012, to the Givot Olam Oil Exploration Limited Partnership (1993) interest in certain oil and gas properties located in Meged Field, Israel. This report also sets forth our estimates of the gross (100 percent) contingent resources, as of December 31, 2012, for these properties.

Sincerely,

NETHERLAND, SEWELL & ASSOCIATES, INC.

Danny D. Simmons, P.E.

President and Chief Operating Officer

**RBT:MGH** 



CHAIRMAN & CEO C.H. (SCOTT) REES III DANNY D. SIMMONS EXECUTIVE VP

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February 21, 2013

Mr. Tovia Luskin Givot Olam Oil Ltd. 5 Shlomo Halevy, Har Hotzvim Jerusalem 91451 Israel

Dear Mr. Luskin;

In accordance with your request, we have estimated the proved, probable, and possible reserves and future revenue, as of December 31, 2012, to the Givot Olam Oil Exploration Limited Partnership (1993) (referred to herein as "Givot LP") interest in certain oil and gas properties located in Meged Field, Israel. Also as requested, we have estimated the gross (100 percent) contingent resources, as of December 31, 2012, for these properties. It is our understanding that Givot LP owns a direct interest in these properties. We completed our evaluation on or about the date of this letter. This report has been prepared using constant price and cost parameters specified by Givot LP, as discussed in subsequent paragraphs of this letter. Monetary values shown in this report are expressed in United States dollars (\$) or thousands of United States dollars (M\$). For your reference, the February 21, 2013, exchange rate was 3.69 Israeli Shekels (ILS) per United States dollar. Historical production data used in our evaluation were provided by Givot LP; these values have not been independently confirmed.

The estimates in this report have been prepared in accordance with the definitions and guidelines set forth in the 2007 Petroleum Resources Management System (PRMS) approved by the Society of Petroleum Engineers (SPE) and in accordance with internationally recognized standards, as stipulated by the Israel Securities Authority (ISA). As presented in the 2007 PRMS, petroleum accumulations can be classified, in decreasing order of likelihood of commerciality, as reserves, contingent resources, or prospective resources. Different classifications of petroleum accumulations have varying degrees of technical and commercial risk that are difficult to quantify; thus reserves, contingent resources, and prospective resources should not be aggregated without extensive consideration of these factors. Definitions are presented immediately following this letter. This report has been prepared for use by Givot LP in filing with the ISA; in our opinion the assumptions, data, methods, and procedures used in the preparation of this report are appropriate for such purpose.

RESERVES		

Reserves are those quantities of petroleum anticipated to be commercially recoverable from known accumulations by application of development projects from a given date forward under defined conditions. Reserves must be discovered, recoverable, commercial, and remaining as of the evaluation date based on the planned development projects to be applied. Proved reserves are those quantities of oil and gas which, by analysis of engineering and geoscience data, can be estimated with reasonable certainty to be commercially recoverable; probable and possible reserves are those additional reserves which are sequentially less certain to be recovered than proved reserves. There is a 10 percent probability that the quantities actually recovered will equal or exceed the sum of proved plus probable plus possible reserves.

We estimate the oil reserves and future net revenue, discounted at 0, 5, 10, 15, and 20 percent, to the Givot LP interest in these properties, as of December 31, 2012, to be:



	Oil Reserves	(MBBL)	Future Net Revenue After Levy and Corporate Income Taxes (M\$)													
Category	Gross (100 Percent)					Discounted at 5%	Discounted at 10%	Discounted at 15%	Discounted at 20%							
Proved	4,091.4	4,050.4	131,901.7	106,912.2	88,428.5	74,401.2	63,511.4									
Probable	4,600.4	4,554.4	127,051.7	96,000.9	74,229.0	58,515.3	46,889.5									
Proved + Probable	8,691.8	8,604.9	258,953.3	202,913.1	162,657.4	132,916.4	110,400.9									
Possible	6,950.5	6,881.0	119,910.1	87,960.4	67,476.7	53,608.5	43,787.1									
Proved + Probable + Possible	15,642.3	15,485.9	378,863.5	290,873.5	230,134.1	186,524.9	154,187.9									

Totals may not add because of rounding.

The oil volumes shown include crude oil only. Oil volumes are expressed in thousands of barrels (MBBL); a barrel is equivalent to 42 United States gallons. Gas reserves do not exist for these properties because associated gas production requires infrastructure and additional government coordination. Gas volumes have been classified as contingent resources.

The estimates of reserves shown in this report are for proved, probable, and possible reserves. The proved reserves are inclusive of proved developed producing, proved developed non-producing, and proved undeveloped reserves. Reserves categorization conveys the relative degree of certainty; reserves subcategorization is based on development and production status. The 2007 PRMS project maturity sub-class for these reserves is "on production". Two naturally fractured reservoir intervals, Zone 1 and Zone 8B, were tested in the Meged 5 oil well; in determining reserves we considered performance from both intervals. A drainage area of 803 acres per zone per well was used for the reserves estimates. Volumes from the additional reservoir intervals tested in the Meged 5 are included in this report as contingent resources. The estimates of reserves and future revenue included herein have not been adjusted for risk.

Working interest revenue for the reserves shown in this report is Givot LP's share of the gross (100 percent) revenue from the properties prior to any deductions. Future net revenue is after deductions for royalties, capital costs, abandonment costs, operating expenses, an oil profits levy, and corporate income taxes. The future net revenue has been discounted at annual rates of 0, 5, 10, 15, and 20 percent to determine its present worth, which is shown to indicate the effect of time on the value of money. Future net revenue presented in this report, whether discounted or undiscounted, should not be construed as being the fair market value of the properties. Tables I through V present revenue, costs, and taxes by reserves category. Table VI presents Givot LP's historical net production and royalties, operating costs, and net revenue per production unit.

As requested, this report has been prepared using an oil price specified by Givot LP of \$100.00 per barrel. The oil price is held constant throughout the lives of the properties.

Operating costs used in this report were provided by Givot LP and appear reasonable based on our knowledge of similar operations. These costs are intended to include only direct project-level costs and Givot LP's estimate of the portion of its headquarters general and administrative overhead expenses that can be directly attributed to this project. As requested, operating costs are held constant throughout the lives of the properties.

Capital costs used in this report were provided by Givot LP and are based on authorizations for expenditure and actual costs from recent activity. Capital costs are included as required for workovers, new development wells, and production equipment. Based on our understanding of future development plans and our knowledge of



similar operations, we regard these estimated capital costs to be reasonable. Abandonment costs used in this report are Givot LP's estimates of the costs to abandon the wells and production facilities; these estimates do not include any salvage value for the lease and well equipment. As requested, capital costs and abandonment costs are held constant to the date of expenditure.

### CONTINGENT RESOURCES\_

Contingent resources are those quantities of petroleum which are estimated, as of a given date, to be potentially recoverable from known accumulations, but for which the applied project or projects are not yet considered mature enough for commercial development because of one or more contingencies. These resources are subclassified as development pending. The oil resources are contingent upon acquisition of additional technical data, through development drilling, that demonstrate producing rates and volumes sufficient to sustain commercial viability. Associated gas resources are contingent upon the removal of regulatory and infrastructure constraints. If these contingencies are successfully addressed, some portion of the contingent resources estimated in this report may be reclassified as reserves; our estimates have not been risked to account for the possibility that the contingencies are not successfully addressed. Because of the early stage of development of this project, we did not perform an economic analysis of these resources; as such, the economic status of these resources is undetermined. There is no certainty that it will be commercially viable to produce any portion of the contingent resources.

We estimate the gross (100 percent) contingent resources for these properties, as of December 31, 2012, to be:

	Gross (100 Percent) Contingent Resources													
		Oil (MBBL)			Gas (MMCF)									
	, Low	Best	High	Low	Best	High								
	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate								
Reservoir	(1C)	(2C)	(3C)	(1C)	(2C)	(3C)								
•	•													
Zone 1 <sup>(1)</sup>	337	582	924	4,253	8,580	15,513								
Zone 2	627	1,984	4,989	1,050	3,321	8,351								
Zone 3	749	2,475	5,932	1,254	4,143	9,930								
Zone 4	908	2,417	5,467	1,520	4,047	9,153								
Zone 5	652	2,062	4,741	1,038	3,282	7,548								
Zone 6	950	2,663	5,941	1,486	4,168	9,297								
Zone 7	408	1,512	4,023	639	2,366	6,296								
Zone 8A	888	1,853	4,123	2,548	5,315	11,828								
Zone 8B <sup>(1)</sup>	153	263	414	5,764	12,466	21,901								

<sup>(1)</sup> Gas resources for these reservoirs include the volumes associated with oil that have been classified as reserves.

The oil volumes shown include crude oil only. Gas volumes are expressed in millions of cubic feet (MMCF) at standard temperatures and pressure bases.

The contingent resources shown in this report have been estimated using a combination of deterministic and probabilistic methods. Once all contingencies have been successfully addressed, the approximate probability that the quantities of contingent resources actually recovered will equal or exceed the estimated amounts is generally inferred to be 90 percent for the low estimate, 50 percent for the best estimate, and 10 percent for the high estimate. The estimates of contingent resources included herein have not been adjusted for development risk.



### GENERAL INFORMATION

This report does not include any value that could be attributed to interests in undeveloped acreage beyond those tracts for which undeveloped reserves have been estimated. For the purposes of this report, we did not perform any field inspection of the properties, nor did we examine the mechanical operation or condition of the wells and facilities. We have not investigated possible environmental liability related to the properties; however, we are not currently aware of any possible environmental liability that would have any material effect on the reserves and resources quantities estimated in this report or the commerciality of such estimates. Therefore, our estimates do not include any costs due to such possible liability.

The reserves and contingent resources shown in this report are estimates only and should not be construed as exact quantities. Estimates may increase or decrease as a result of market conditions, future operations, changes in regulations, or actual reservoir performance. Our estimates are based on certain assumptions including, but not limited to, that the properties will be developed consistent with current development plans, that the properties will be operated in a prudent manner, that no governmental regulations or controls will be put in place that would impact the ability of the interest owner to recover the volumes, and that our projections of future production will prove consistent with actual performance. If these volumes are recovered, the revenues therefrom and the costs related thereto could be more or less than the estimated amounts. Because of governmental policies and uncertainties of supply and demand, the sales rates, prices received, and costs incurred may vary from assumptions made while preparing this report. As requested, forecasted gross oil production by reserves category for select wells is shown on Table VII. It should be noted that the actual production profile for each category may be lower or higher than the production profile used to calculate the estimates of future net revenue used in this report, and no sensitivity analysis was performed with respect to the production profile of the wells. This sensitivity analysis could lead to the conclusion that the reserves or contingent resources are not economic.

For the purposes of this report, we used technical and economic data including, but not limited to, well logs, geologic maps, well test data, production data, and property ownership interests. We were provided with all the necessary data to prepare the estimates for these properties, and we were not limited from access to any material we believe may be relevant. The reserves and contingent resources in this report have been estimated using a combination of deterministic and probabilistic methods; these estimates have been prepared in accordance with generally accepted petroleum engineering and evaluation principles set forth in the Standards Pertaining to the Estimating and Auditing of Oil and Gas Reserves Information promulgated by the SPE (SPE Standards). We used standard engineering and geoscience methods, or a combination of methods, including performance analysis, volumetric analysis, and analogy, that we considered to be appropriate and necessary to classify, categorize, and estimate volumes in accordance with the 2007 PRMS definitions and guidelines. Certain parameters used in our volumetric analysis are summarized in Table VIII. The contingent resources and a substantial portion of the reserves shown in this report are for undeveloped locations; such volumes are based on estimates of reservoir volumes and recovery efficiencies along with analogy to properties with similar geologic and reservoir characteristics. Improved recovery techniques were not considered in this evaluation. As in all aspects of oil and gas evaluation, there are uncertainties inherent in the interpretation of engineering and geoscience data; therefore, our conclusions necessarily represent only informed professional judgment.

Netherland, Sewell & Associates, Inc. (NSAI) was engaged on January 1, 2013, by Mr. Tovia Luskin, Chief Executive Officer of Givot Olam Oil Ltd., to perform this assessment. It is our understanding that Givot Olam Oil Ltd. is the general partner of Givot LP. The data used in our estimates were obtained from Givot LP and the nonconfidential files of NSAI and were accepted as accurate. Supporting work data are on file in our office. The contractual rights to the properties have not been examined by NSAI, nor has the actual degree or type of interest owned been independently confirmed. We are independent petroleum engineers, geologists, geophysicists, and petrophysicists; we do not own an interest in these properties nor are we employed on a contingent basis. Furthermore, no limitations or restrictions were placed upon NSAI by officials of Givot LP.



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NSAI performs consulting petroleum engineering services under Texas Board of Professional Engineers Registration No. F-2699. We provide a complete range of geological, geophysical, petrophysical, and engineering services, and we have the technical expertise and ability to perform these services in any oil and gas producing area in the world. The staff are familiar with the recognized industry reserves and resources definitions, specifically those promulgated by the U.S. Securities and Exchange Commission, by the Alberta Securities Commission, and by the SPE, Society of Petroleum Evaluation Engineers, World Petroleum Council, and American Association of Petroleum Geologists. The technical persons responsible for preparing the estimates presented herein meet the requirements regarding qualifications, independence, objectivity, and confidentiality set forth in the SPE Standards.

This evaluation has been led by Mr. Richard B. Talley, Jr. and Mr. Shane M. Howell. Mr. Talley and Mr. Howell are Vice Presidents in the firm's Houston office at 1221 Lamar Street, Suite 1200, Houston, Texas 77010, USA. Mr. Talley is a Licensed Professional Engineer (Texas Registration No. 102425). He has been practicing petroleum engineering consulting at NSAI since 2004 and has over 5 years prior industry experience. Mr. Howell is a Licensed Professional Geoscientist (Texas Registration No. 11276). He has been practicing petroleum geoscience consulting at NSAI since 2005 and has over 7 years prior industry experience.

Sincerely,

NETHERLAND, SEWELL & ASSOCIATES, INC.

Texas Registered Engineering Firm F-2699

C.H. (Scott) Rees III, P.E.

Chairman and Chief Executive Officer

Richard B. Talley, Jr., P.E. 10242

Vice President

Date Signed: February 21, 2013

CEI:MGH

Shane M. Howell, P.G. 11276

Vice President

Date Signed: February 21, 2013



Excerpted from the Petroleum Resources Management System Approved by the Society of Petroleum Engineers (SPE) Board of Directors, March 2007

This document contains information excerpted from definitions and guidelines prepared by the Oil and Gas Reserves Committee of the Society of Petroleum Engineers (SPE) and reviewed and jointly sponsored by the World Petroleum Council (WPC), the American Association of Petroleum Geologists (AAPG), and the Society of Petroleum Evaluation Engineers (SPEE).

### Preamble

Petroleum resources are the estimated quantities of hydrocarbons naturally occurring on or within the Earth's crust. Resource assessments estimate total quantities in known and yet-to-be-discovered accumulations; resources evaluations are focused on those quantities that can potentially be recovered and marketed by commercial projects. A petroleum resources management system provides a consistent approach to estimating petroleum quantities, evaluating development projects, and presenting results within a comprehensive classification framework.

These definitions and guidelines are designed to provide a common reference for the international petroleum industry, including national reporting and regulatory disclosure agencies, and to support petroleum project and portfolio management requirements. They are intended to improve clarity in global communications regarding petroleum resources. It is expected that this document will be supplemented with industry education programs and application guides addressing their implementation in a wide spectrum of technical and/or commercial settings.

It is understood that these definitions and guidelines allow flexibility for users and agencies to tailor application for their particular needs; however, any modifications to the guidance contained herein should be clearly identified. The definitions and guidelines contained in this document must not be construed as modifying the interpretation or application of any existing regulatory reporting requirements.

### 1.0 Basic Principles and Definitions

The estimation of petroleum resource quantities involves the interpretation of volumes and values that have an inherent degree of uncertainty. These quantities are associated with development projects at various stages of design and implementation. Use of a consistent classification system enhances comparisons between projects, groups of projects, and total company portfolios according to forecast production profiles and recoveries. Such a system must consider both technical and commercial factors that impact the project's economic feasibility, its productive life, and its related cash flows.

### 1.1 Petroleum Resources Classification Framework

Petroleum is defined as a naturally occurring mixture consisting of hydrocarbons in the gaseous, liquid, or solid phase. Petroleum may also contain non-hydrocarbons, common examples of which are carbon dioxide, nitrogen, hydrogen sulfide and sulfur. In rare cases, non-hydrocarbon content could be greater than 50%.

The term "resources" as used herein is intended to encompass all quantities of petroleum naturally occurring on or within the Earth's crust, discovered and undiscovered (recoverable and unrecoverable), plus those quantities already produced. Further, it includes all types of petroleum whether currently considered "conventional" or "unconventional."

Figure 1-1 is a graphical representation of the SPE/WPC/AAPG/SPEE resources classification system. The system defines the major recoverable resources classes: Production, Reserves, Contingent Resources, and Prospective Resources, as well as Unrecoverable petroleum.

The "Range of Uncertainty" reflects a range of estimated quantities potentially recoverable from an accumulation by a project, while the vertical axis represents the "Chance of

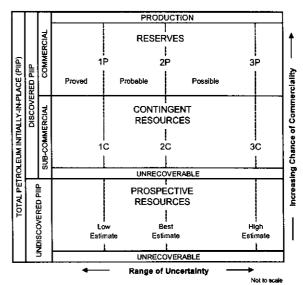


Figure 1-1: Resources Classification Framework.



Excerpted from the Petroleum Resources Management System Approved by the Society of Petroleum Engineers (SPE) Board of Directors, March 2007

Commerciality", that is, the chance that the project that will be developed and reach commercial producing status. The following definitions apply to the major subdivisions within the resources classification:

**TOTAL PETROLEUM INITIALLY-IN-PLACE** is that quantity of petroleum that is estimated to exist originally in naturally occurring accumulations. It includes that quantity of petroleum that is estimated, as of a given date, to be contained in known accumulations prior to production plus those estimated quantities in accumulations yet to be discovered (equivalent to "total resources").

**DISCOVERED PETROLEUM INITIALLY-IN-PLACE** is that quantity of petroleum that is estimated, as of a given date, to be contained in known accumulations prior to production.

**PRODUCTION** is the cumulative quantity of petroleum that has been recovered at a given date. While all recoverable resources are estimated and production is measured in terms of the sales product specifications, raw production (sales plus non-sales) quantities are also measured and required to support engineering analyses based on reservoir voidage (see Production Measurement, section 3.2).

Multiple development projects may be applied to each known accumulation, and each project will recover an estimated portion of the initially-in-place quantities. The projects shall be subdivided into Commercial and Sub-Commercial, with the estimated recoverable quantities being classified as Reserves and Contingent Resources respectively, as defined below.

**RESERVES** are those quantities of petroleum anticipated to be commercially recoverable by application of development projects to known accumulations from a given date forward under defined conditions. Reserves must further satisfy four criteria: they must be discovered, recoverable, commercial, and remaining (as of the evaluation date) based on the development project(s) applied. Reserves are further categorized in accordance with the level of certainty associated with the estimates and may be sub-classified based on project maturity and/or characterized by development and production status.

CONTINGENT RESOURCES are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from known accumulations, but the applied project(s) are not yet considered mature enough for commercial development due to one or more contingencies. Contingent Resources may include, for example, projects for which there are currently no viable markets, or where commercial recovery is dependent on technology under development, or where evaluation of the accumulation is insufficient to clearly assess commerciality. Contingent Resources are further categorized in accordance with the level of certainty associated with the estimates and may be subclassified based on project maturity and/or characterized by their economic status.

**UNDISCOVERED PETROLEUM INITIALLY-IN-PLACE** is that quantity of petroleum estimated, as of a given date, to be contained within accumulations yet to be discovered.

**PROSPECTIVE RESOURCES** are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from undiscovered accumulations by application of future development projects. Prospective Resources have both an associated chance of discovery and a chance of development. Prospective Resources are further subdivided in accordance with the level of certainty associated with recoverable estimates assuming their discovery and development and may be sub-classified based on project maturity.

**UNRECOVERABLE** is that portion of Discovered or Undiscovered Petroleum Initially-in-Place quantities which is estimated, as of a given date, not to be recoverable by future development projects. A portion of these quantities may become recoverable in the future as commercial circumstances change or technological developments occur; the remaining portion may never be recovered due to physical/chemical constraints represented by subsurface interaction of fluids and reservoir rocks.

Estimated Ultimate Recovery (EUR) is not a resources category, but a term that may be applied to any accumulation or group of accumulations (discovered or undiscovered) to define those quantities of petroleum estimated, as of a given date, to be potentially recoverable under defined technical and commercial conditions plus those quantities already produced (total of recoverable resources).



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### 1.2 Project-Based Resources Evaluations

The resources evaluation process consists of identifying a recovery project, or projects, associated with a petroleum accumulation(s), estimating the quantities of Petroleum Initially-in-Place, estimating that portion of those in-place quantities that can be recovered by each project, and classifying the project(s) based on its maturity status or chance of commerciality.

This concept of a project-based classification system is further clarified by examining the primary data sources contributing to an evaluation of net recoverable resources (see Figure 1-2) that may be described as follows:

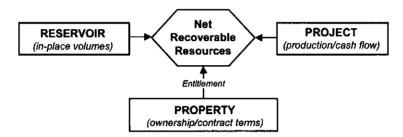


Figure 1-2: Resources Evaluation Data Sources.

- The Reservoir (accumulation): Key attributes include the types and quantities of Petroleum Initially-in-Place and the fluid
  and rock properties that affect petroleum recovery.
- The Project: Each project applied to a specific reservoir development generates a unique production and cash flow schedule. The time integration of these schedules taken to the project's technical, economic, or contractual limit defines the estimated recoverable resources and associated future net cash flow projections for each project. The ratio of EUR to Total initially-in-Place quantities defines the ultimate recovery efficiency for the development project(s). A project may be defined at various levels and stages of maturity; it may include one or many wells and associated production and processing facilities. One project may develop many reservoirs, or many projects may be applied to one reservoir.
- The Property (lease or license area): Each property may have unique associated contractual rights and obligations including the fiscal terms. Such information allows definition of each participant's share of produced quantities (entitlement) and share of investments, expenses, and revenues for each recovery project and the reservoir to which it is applied. One property may encompass many reservoirs, or one reservoir may span several different properties. A property may contain both discovered and undiscovered accumulations.

In context of this data relationship, "project" is the primary element considered in this resources classification, and net recoverable resources are the incremental quantities derived from each project. Project represents the link between the petroleum accumulation and the decision-making process. A project may, for example, constitute the development of a single reservoir or field, or an incremental development for a producing field, or the integrated development of several fields and associated facilities with a common ownership. In general, an individual project will represent the level at which a decision is made whether or not to proceed (i.e., spend more money) and there should be an associated range of estimated recoverable quantities for that project.

An accumulation or potential accumulation of petroleum may be subject to several separate and distinct projects that are at different stages of exploration or development. Thus, an accumulation may have recoverable quantities in several resource classes simultaneously.

In order to assign recoverable resources of any class, a development plan needs to be defined consisting of one or more projects. Even for Prospective Resources, the estimates of recoverable quantities must be stated in terms of the sales products derived from a development program assuming successful discovery and commercial development. Given the major uncertainties involved at this early stage, the development program will not be of the detail expected in later stages of maturity. In most cases, recovery efficiency may be largely based on analogous projects. In-place quantities for which a feasible project cannot be defined using current, or reasonably forecast improvements in, technology are classified as Unrecoverable.

Not all technically feasible development plans will be commercial. The commercial viability of a development project is dependent on a forecast of the conditions that will exist during the time period encompassed by the project's activities (see



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Commercial Evaluations, section 3.1). "Conditions" include technological, economic, legal, environmental, social, and governmental factors. While economic factors can be summarized as forecast costs and product prices, the underlying influences include, but are not limited to, market conditions, transportation and processing infrastructure, fiscal terms, and taxes.

The resource quantities being estimated are those volumes producible from a project as measured according to delivery specifications at the point of sale or custody transfer (see Reference Point, section 3.2.1). The cumulative production from the evaluation date forward to cessation of production is the remaining recoverable quantity. The sum of the associated annual net cash flows yields the estimated future net revenue. When the cash flows are discounted according to a defined discount rate and time period, the summation of the discounted cash flows is termed net present value (NPV) of the project (see Evaluation and Reporting Guidelines, section 3.0).

The supporting data, analytical processes, and assumptions used in an evaluation should be documented in sufficient detail to allow an independent evaluator or auditor to clearly understand the basis for estimation and categorization of recoverable quantities and their classification.

### 2.0 Classification and Categorization Guidelines

### 2.1 Resources Classification

The basic classification requires establishment of criteria for a petroleum discovery and thereafter the distinction between commercial and sub-commercial projects in known accumulations (and hence between Reserves and Contingent Resources).

### 2.1.1 Determination of Discovery Status

A discovery is one petroleum accumulation, or several petroleum accumulations collectively, for which one or several exploratory wells have established through testing, sampling, and/or logging the existence of a significant quantity of potentially moveable hydrocarbons.

In this context, "significant" implies that there is evidence of a sufficient quantity of petroleum to justify estimating the in-place volume demonstrated by the well(s) and for evaluating the potential for economic recovery. Estimated recoverable quantities within such a discovered (known) accumulation(s) shall initially be classified as Contingent Resources pending definition of projects with sufficient chance of commercial development to reclassify all, or a portion, as Reserves. Where in-place hydrocarbons are identified but are not considered currently recoverable, such quantities may be classified as Discovered Unrecoverable, if considered appropriate for resource management purposes; a portion of these quantities may become recoverable resources in the future as commercial circumstances change or technological developments occur.

### 2.1.2 Determination of Commerciality

Discovered recoverable volumes (Contingent Resources) may be considered commercially producible, and thus Reserves, if the entity claiming commerciality has demonstrated firm intention to proceed with development and such intention is based upon all of the following criteria:

- Evidence to support a reasonable timetable for development.
- A reasonable assessment of the future economics of such development projects meeting defined investment and operating criteria.
- A reasonable expectation that there will be a market for all or at least the expected sales quantities of production required to justify development.
- Evidence that the necessary production and transportation facilities are available or can be made available.
- Evidence that legal, contractual, environmental and other social and economic concerns will allow for the actual
  implementation of the recovery project being evaluated.

To be included in the Reserves class, a project must be sufficiently defined to establish its commercial viability. There must be a reasonable expectation that all required internal and external approvals will be forthcoming, and there is evidence of firm intention to proceed with development within a reasonable time frame. A reasonable time frame for the initiation of development depends on the specific circumstances and varies according to the scope of the project. While 5 years is recommended as a benchmark, a longer time frame could be applied where, for example, development of economic projects are deferred at the option of the producer for, among other things, market-related reasons, or to meet contractual or strategic objectives. In all cases, the justification for classification as Reserves should be clearly documented.



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To be included in the Reserves class, there must be a high confidence in the commercial producibility of the reservoir as supported by actual production or formation tests. In certain cases, Reserves may be assigned on the basis of well logs and/or core analysis that indicate that the subject reservoir is hydrocarbon-bearing and is analogous to reservoirs in the same area that are producing or have demonstrated the ability to produce on formation tests.

### 2.2 Resources Categorization

The horizontal axis in the Resources Classification (Figure 1.1) defines the range of uncertainty in estimates of the quantities of recoverable, or potentially recoverable, petroleum associated with a project. These estimates include both technical and commercial uncertainty components as follows:

- The total petroleum remaining within the accumulation (in-place resources).
- · That portion of the in-place petroleum that can be recovered by applying a defined development project or projects.
- Variations in the commercial conditions that may impact the quantities recovered and sold (e.g., market availability, contractual changes).

Where commercial uncertainties are such that there is significant risk that the complete project (as initially defined) will not proceed, it is advised to create a separate project classified as Contingent Resources with an appropriate chance of commerciality.

### 2.2.1 Range of Uncertainty

The range of uncertainty of the recoverable and/or potentially recoverable volumes may be represented by either deterministic scenarios or by a probability distribution (see Deterministic and Probabilistic Methods, section 4.2).

When the range of uncertainty is represented by a probability distribution, a low, best, and high estimate shall be provided such that:

- There should be at least a 90% probability (P90) that the quantities actually recovered will equal or exceed the low estimate.
- There should be at least a 50% probability (P50) that the quantities actually recovered will equal or exceed the best estimate
- There should be at least a 10% probability (P10) that the quantities actually recovered will equal or exceed the high estimate.

When using the deterministic scenario method, typically there should also be low, best, and high estimates, where such estimates are based on qualitative assessments of relative uncertainty using consistent interpretation guidelines. Under the deterministic incremental (risk-based) approach, quantities at each level of uncertainty are estimated discretely and separately (see Category Definitions and Guidelines, section 2.2.2).

These same approaches to describing uncertainty may be applied to Reserves, Contingent Resources, and Prospective Resources. While there may be significant risk that sub-commercial and undiscovered accumulations will not achieve commercial production, it is useful to consider the range of potentially recoverable quantities independently of such a risk or consideration of the resource class to which the quantities will be assigned.

### 2.2.2 Category Definitions and Guidelines

Evaluators may assess recoverable quantities and categorize results by uncertainty using the deterministic incremental (risk-based) approach, the deterministic scenario (cumulative) approach, or probabilistic methods (see "2001 Supplemental Guidelines," Chapter 2.5). In many cases, a combination of approaches is used.

Use of consistent terminology (Figure 1.1) promotes clarity in communication of evaluation results. For Reserves, the general cumulative terms low/best/high estimates are denoted as 1P/2P/3P, respectively. The associated incremental quantities are termed Proved, Probable and Possible. Reserves are a subset of, and must be viewed within context of, the complete resources classification system. While the categorization criteria are proposed specifically for Reserves, in most cases, they can be equally applied to Contingent and Prospective Resources conditional upon their satisfying the criteria for discovery and/or development.



Excerpted from the Petroleum Resources Management System Approved by the Society of Petroleum Engineers (SPE) Board of Directors, March 2007

For Contingent Resources, the general cumulative terms low/best/high estimates are denoted as 1C/2C/3C respectively. For Prospective Resources, the general cumulative terms low/best/high estimates still apply. No specific terms are defined for incremental quantities within Contingent and Prospective Resources.

Without new technical information, there should be no change in the distribution of technically recoverable volumes and their categorization boundaries when conditions are satisfied sufficiently to reclassify a project from Contingent Resources to Reserves. All evaluations require application of a consistent set of forecast conditions, including assumed future costs and prices, for both classification of projects and categorization of estimated quantities recovered by each project (see Commercial Evaluations, section 3.1).

Based on additional data and updated interpretations that indicate increased certainty, portions of Possible and Probable Reserves may be re-categorized as Probable and Proved Reserves.

Uncertainty in resource estimates is best communicated by reporting a range of potential results. However, if it is required to report a single representative result, the "best estimate" is considered the most realistic assessment of recoverable quantities. It is generally considered to represent the sum of Proved and Probable estimates (2P) when using the deterministic scenario or the probabilistic assessment methods. It should be noted that under the deterministic incremental (risk-based) approach, discrete estimates are made for each category, and they should not be aggregated without due consideration of their associated risk (see "2001 Supplemental Guidelines," Chapter 2.5).

Table 1: Recoverable Resources Classes and Sub-Classes

Class/Sub-Class	Definition	Guidelines									
Reserves	Reserves are those quantities of petroleum anticipated to be commercially recoverable by application of development projects to known accumulations from a given date forward under defined conditions.	Reserves must satisfy four criteria: they must be discovered, recoverable, commercial, and remaining based on the development project(s) applied. Reserves are further subdivided in accordance with the level of certainty associated with the estimates and may be sub-classified based on project maturity and/or characterized by their development and production status.  To be included in the Reserves class, a project must be sufficiently defined to establish its commercial viability. There must be a reasonable expectation that all required internal and external approvals will be forthcoming, and there is evidence of firm intention to proceed with development within a reasonable time frame.  A reasonable time frame for the initiation of development depends on the specific circumstances and varies according to the scope of the project. While 5 years is recommended as a benchmark, a longer time frame could be applied where, for example, development of economic projects are deferred at the option of the producer for, among other things, market-related reasons, or to meet contractual or strategic objectives. In all cases, the justification for classification as Reserves should be clearly documented.  To be included in the Reserves class, there must be a high confidence in the commercial producibility of the reservoir as supported by actual production or formation tests. In certain cases, Reserves may be assigned on the basis of well logs and/or core analysis that indicate that the subject reservoir is hydrocarbon-bearing and is analogous to reservoirs in the same area that are producing or have demonstrated the ability to produce on formation tests.									
On Production	The development project is currently producing and selling petroleum to market.	The key criterion is that the project is receiving income from sales, rather than the approved development project necessarily being complete. This is the point at which the project "chance of commerciality" can be said to be 100%.  The project "decision gate" is the decision to initiate commercial production from the project.									



Class/Sub-Class	Definition	Guidelines
Approved for Development	All necessary approvals have been obtained, capital funds have been committed, and implementation of the development project is under way.	At this point, it must be certain that the development project is going ahead. The project must not be subject to any contingencies such as outstanding regulatory approvals or sales contracts. Forecast capital expenditures should be included in the reporting entity's current or following year's approved budget.
		The project "decision gate" is the decision to start investing capital in the construction of production facilities and/or drilling development wells.
Justified for Development	Implementation of the development project is justified on the basis of reasonable forecast commercial conditions at the time of reporting, and there are reasonable expectations that all necessary approvals/contracts will be obtained.	In order to move to this level of project maturity, and hence have reserves associated with it, the development project must be commercially viable at the time of reporting, based on the reporting entity's assumptions of future prices, costs, etc. ("forecast case") and the specific circumstances of the project. Evidence of a firm intention to proceed with development within a reasonable time frame will be sufficient to demonstrate commerciality. There should be a development plan in sufficient detail to support the assessment of commerciality and a reasonable expectation that any regulatory approvals or sales contracts required prior to project implementation will be forthcoming. Other than such approvals/contracts, there should be no known contingencies that could preclude the development from proceeding within a reasonable timeframe (see Reserves class).
		The project "decision gate" is the decision by the reporting entity and its partners, if any, that the project has reached a level of technical and commercial maturity sufficient to justify proceeding with development at that point in time.
Contingent Resources	Those quantities of petroleum estimated, as of a given date, to be potentially recoverable from known accumulations by application of development projects, but which are not currently considered to be commercially recoverable due to one or more contingencies.	Contingent Resources may include, for example, projects for which there are currently no viable markets, or where commercial recovery is dependent on technology under development, or where evaluation of the accumulation is insufficient to clearly assess commerciality. Contingent Resources are further categorized in accordance with the level of certainty associated with the estimates and may be sub-classified based on project maturity and/or characterized by their economic status.
Development Pending	A discovered accumulation where project activities are ongoing to justify commercial development in the foreseeable future.	The project is seen to have reasonable potential for eventual commercial development, to the extent that further data acquisition (e.g. drilling, seismic data) and/or evaluations are currently ongoing with a view to confirming that the project is commercially viable and providing the basis for selection of an appropriate development plan. The critical contingencies have been identified and are reasonably expected to be resolved within a reasonable time frame. Note that disappointing appraisal/evaluation results could lead to a re-classification of the project to "On Hold" or "Not Viable" status.
		The project "decision gate" is the decision to undertake further data acquisition and/or studies designed to move the project to a level of technical and commercial maturity at which a decision can be made to proceed with development and production.
Development Unclarified or on Hold	A discovered accumulation where project activities are on hold and/or where justification as a commercial development may be subject to significant delay.	The project is seen to have potential for eventual commercial development, but further appraisal/evaluation activities are on hold pending the removal of significant contingencies external to the project, or substantial further appraisal/evaluation activities are required to clarify the potential for eventual commercial development. Development may be subject to a significant time delay. Note that a change in circumstances, such that there is no longer a reasonable expectation that a critical contingency can be removed in the foreseeable future, for example, could lead to a reclassification of the project to "Not Viable" status.
		The project "decision gate" is the decision to either proceed with additional evaluation designed to clarify the potential for eventual commercial development or to temporarily suspend or delay further activities pending resolution of external contingencies.



Class/Sub-Class	Definition	Guidelines
Development Not Viable	A discovered accumulation for which there are no current plans to develop or to acquire additional data at the time due to limited production potential.	The project is not seen to have potential for eventual commercial development at the time of reporting, but the theoretically recoverable quantities are recorded so that the potential opportunity will be recognized in the event of a major change in technology or commercial conditions.  The project "decision gate" is the decision not to undertake any further data acquisition or studies on the project for the foreseeable future.
Prospective Resources	Those quantities of petroleum which are estimated, as of a given date, to be potentially recoverable from undiscovered accumulations.	Potential accumulations are evaluated according to their chance of discovery and, assuming a discovery, the estimated quantities that would be recoverable under defined development projects. It is recognized that the development programs will be of significantly less detail and depend more heavily on analog developments in the earlier phases of exploration.
Prospect	A project associated with a potential accumulation that is sufficiently well defined to represent a viable drilling target.	Project activities are focused on assessing the chance of discovery and, assuming discovery, the range of potential recoverable quantities under a commercial development program.
Lead	A project associated with a potential accumulation that is currently poorly defined and requires more data acquisition and/or evaluation in order to be classified as a prospect.	Project activities are focused on acquiring additional data and/or undertaking further evaluation designed to confirm whether or not the lead can be matured into a prospect. Such evaluation includes the assessment of the chance of discovery and, assuming discovery, the range of potential recovery under feasible development scenarios.
Play	A project associated with a prospective trend of potential prospects, but which requires more data acquisition and/or evaluation in order to define specific leads or prospects.	Project activities are focused on acquiring additional data and/or undertaking further evaluation designed to define specific leads or prospects for more detailed analysis of their chance of discovery and, assuming discovery, the range of potential recovery under hypothetical development scenarios.

**Table 2: Reserves Status Definitions and Guidelines** 

Status	Definition	Guidelines
Developed Reserves	Developed Reserves are expected quantities to be recovered from existing wells and facilities.	Reserves are considered developed only after the necessary equipment has been installed, or when the costs to do so are relatively minor compared to the cost of a well. Where required facilities become unavailable, it may be necessary to reclassify Developed Reserves as Undeveloped. Developed Reserves may be further sub-classified as Producing or Non-Producing.
Developed Producing Reserves	Developed Producing Reserves are expected to be recovered from completion intervals that are open and producing at the time of the estimate.	Improved recovery reserves are considered producing only after the improved recovery project is in operation.
Developed Non- Producing Reserves	Developed Non-Producing Reserves include shut-in and behind-pipe Reserves.	Shut-in Reserves are expected to be recovered from (1) completion intervals which are open at the time of the estimate but which have not yet started producing, (2) wells which were shut-in for market conditions or pipeline connections, or (3) wells not capable of production for mechanical reasons. Behind-pipe Reserves are expected to be recovered from zones in existing wells which will require additional completion work or future recompletion prior to start of production.  In all cases, production can be initiated or restored with relatively low expenditure compared to the cost of drilling a new well.



Status	Definition	Guidelines
Undeveloped Reserves	Undeveloped Reserves are quantities expected to be recovered through future investments:	(1) from new wells on undrilled acreage in known accumulations, (2) from deepening existing wells to a different (but known) reservoir, (3) from infill wells that will increase recovery, or (4) where a relatively large expenditure (e.g. when compared to the cost of drilling a new well) is required to (a) recomplete an existing well or (b) install production or transportation facilities for primary or improved recovery projects.

**Table 3: Reserves Category Definitions and Guidelines** 

Category	Definition	Guidelines							
Proved Reserves	Proved Reserves are those quantities of petroleum, which by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be commercially recoverable, from a given date forward, from known reservoirs and under defined economic conditions, operating methods, and government regulations.	If deterministic methods are used, the term reasonable certainty is intended to express a high degree of confidence that the quantities will be recovered. If probabilistic methods are used, there should be at least a 90% probability that the quantities actually recovered will equal or exceed the estimate.  The area of the reservoir considered as Proved includes (1) the area delineated by drilling and defined by fluid contacts, if any, and (2) adjacent undrilled portions of the reservoir that can reasonably be judged as continuous with it and commercially productive on the basis of available geoscience and engineering data.  In the absence of data on fluid contacts, Proved quantities in a reservoir are limited by the lowest known hydrocarbon (LKH) as seen in a well penetration unless otherwise indicated by definitive geoscience, engineering, or performance data. Such definitive information may include pressure gradient analysis and seismic indicators. Seismic data alone may not be sufficient to define fluid contacts for Proved reserves (see "2001 Supplemental Guidelines," Chapter 8).  Reserves in undeveloped locations may be classified as Proved provided that:  The locations are in undrilled areas of the reservoir that can be judged with reasonable certainty to be commercially productive.  Interpretations of available geoscience and engineering data indicate with reasonable certainty that the objective formation is laterally continuous with drilled Proved locations.							
		should be defined based on a range of possibilities supported by analogs and sound engineering judgment considering the characteristics of the Proved area and the applied development program.							
Probable Reserves	Probable Reserves are those additional Reserves which analysis of geoscience and engineering data indicate are less likely to be recovered than Proved Reserves but more certain to be recovered	It is equally likely that actual remaining quantities recovered will be greater than or less than the sum of the estimated Proved plus Probable Reserves (2P). In this context, when probabilistic methods are used, there should be at least a 50% probability that the actual quantities recovered will equal or exceed the 2P estimate.							
	than Possible Reserves.	Probable Reserves may be assigned to areas of a reservoir adjacent to Proved where data control or interpretations of available data are less certain. The interpreted reservoir continuity may not meet the reasonable certainty criteria.							
		Probable estimates also include incremental recoveries associated with project recovery efficiencies beyond that assumed for Proved.							



Category	Definition	Guidelines
Possible Reserves	Possible Reserves are those additional reserves which analysis of geoscience and engineering data indicate are less likely to be recoverable than Probable Reserves.	The total quantities ultimately recovered from the project have a low probability to exceed the sum of Proved plus Probable plus Possible (3P), which is equivalent to the high estimate scenario. When probabilistic methods are used, there should be at least a 10% probability that the actual quantities recovered will equal or exceed the 3P estimate.  Possible Reserves may be assigned to areas of a reservoir adjacent to Probable where data control and interpretations of available data are progressively less certain. Frequently, this may be in areas where geoscience and engineering data are unable to clearly define the area and vertical reservoir limits of commercial production from the reservoir by a defined project.  Possible estimates also include incremental quantities associated with
Probable and Possible Reserves	(See above for separate criteria for Probable Reserves and Possible Reserves.)	project recovery efficiencies beyond that assumed for Probable.  The 2P and 3P estimates may be based on reasonable alternative technical and commercial interpretations within the reservoir and/or subject project that are clearly documented, including comparisons to results in successful similar projects.
		In conventional accumulations, Probable and/or Possible Reserves may be assigned where geoscience and engineering data identify directly adjacent portions of a reservoir within the same accumulation that may be separated from Proved areas by minor faulting or other geological discontinuities and have not been penetrated by a wellbore but are interpreted to be in communication with the known (Proved) reservoir. Probable or Possible Reserves may be assigned to areas that are structurally higher than the Proved area. Possible (and in some cases, Probable) Reserves may be assigned to areas that are structurally lower than the adjacent Proved or 2P area.
		Caution should be exercised in assigning Reserves to adjacent reservoirs isolated by major, potentially sealing, faults until this reservoir is penetrated and evaluated as commercially productive. Justification for assigning Reserves in such cases should be clearly documented. Reserves should not be assigned to areas that are clearly separated from a known accumulation by non-productive reservoir (i.e., absence of reservoir, structurally low reservoir, or negative test results); such areas may contain Prospective Resources.
		In conventional accumulations, where drilling has defined a highest known oil (HKO) elevation and there exists the potential for an associated gas cap, Proved oil Reserves should only be assigned in the structurally higher portions of the reservoir if there is reasonable certainty that such portions are initially above bubble point pressure based on documented engineering analyses. Reservoir portions that do not meet this certainty may be assigned as Probable and Possible oil and/or gas based on reservoir fluid properties and pressure gradient interpretations.



REVENUE, COSTS, AND TAXES
PROVED RESERVES
GIVOT OLAM OIL EXPLORATION LIMITED PARTNERSHIP (1993)
MEGED FIELD, ISRAEL
AS OF DECEMBER 31, 2012

Net Revenue Before Levy and Corporate	Income Taxes	Discounted at 0% (M\$)	(7,229.2)	27,915.5	63,614.0	2,053.2	22,583.5	14,445.8	23,586.1	15,502.4	8,075.9	3,198.5	1,834.1	851.3	(421.7)	176,009.5	me Taxes	Discounted	at 20%	(M\$)	(6,599.3)	17,301.9	30,245.5	813.5	7,456.5	3,974.7	5,408.0	2,962.1	1,285.9	424.4	202.8	78.4	(40.5)	63,511.4
ž te	Operating	Expenses <sup>(2)</sup> (M\$)	3,402.0	7,936.8	10,280.3	7,377.6	5,413.0	3,986.6	5,588.7	4,171.8	2,956.8	2,101.8	1,775.9	1,603.6	1,467.3	58,062.1	y and Corporate Inco	Discounted	at 15%	(M\$)	(6,741.2)	18,442.4	33,641.0	944.2	9,030.5	5,023.0	7,131.5	4,075.9	1,846.4	635.9	317.1	128.0	(0.07)	74,401.2
Net	Abandonment	Costs (M\$)	0'0	0.0	0.0	0.0	0.0	0.0	0:0	0.0	495.0	495.0	0.0	0'0	495.0	1,485.0	Future Net Revenue After Levy and Corporate Income Taxes	Discounted	at 10%	(M\$)	(6,892.7)	19,714.1	37,595.2	1,103.1	11,030.3	6,414.2	9,520.6	5,688.7	2,694.1	970.0	505.7	213.4	(1.05.1)	88,428.5
Net	Capital	Costs (M\$)	16.335.0	16,335.0	0.0	0:0	0.0	0.0	0:0	0:0	0:0	0:0	0.0	0:0	0.0	32,670.0	Future N	Discounted	at 5%	(M\$)	(7,055.0)	21,138.8	42,231.9	1,298.2	13,598.8	8,284.4	12,882.1	8,063.8	4,000.8	1,509.1	824.1	364.3	(1.625)	106,912.2
		Total (M\$)	1.786.8	7,455,3	16,533.5	51,970.2	13,758.2	9,058.1	14,337.2	9,668.4	5,665.0	2,848.0	1,774.0	1,206.4	757.1	136,818.1	Corporate	Discounted	at 0%	(M\$)	(7,229.2)	22,743.9	47,710.5	1,539.9	16,937.6	10,834.4	17,689.6	11,626.8	6,056.9	2,398.9	1,375.6	638.5	(451.7)	131,901.7
	Third	Party (M\$)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Corporate	Income	Tax <sup>(3)</sup>	(MS)	0.0	5.171.6	15,903.5	513.3	5,645.9	3,611.5	5,896.5	3,875.6	2,019.0	9.662	458.5	212.8	0.0	44,107.8
Royaitles	Interested	Party (M\$)	00	0.0	5,230.0	44.295.0	8.538.8	5,621.8	8.898.2	6,000.5	3,515,9	1.767.6	1,101.0	748.8	469.9	86,187.5	Net Revenue After Levy and Before Corporate	Тах	Rate <sup>(3)</sup>	(%)	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	72.0	
		State (M\$)	1 786 8	7.455.3	11,303.5	7,675.1	5.219.3	3.436.3	5.439.0	3,667.8	2.149.1	1.080.4	673.0	457.7	287.2	50,630.6		Income Taxes	Discounted at 0%	(M\$)	(7,229.2)	27,915.5	63,614.0	2,053.2	22,583.5	14,445.8	23,586.1	15,502,4	8,075.9	3,198.5	1,834.1	851.3	(421.7)	176,009.5
Working	Interest	Revenue <sup>(1)</sup> (M <b>\$</b> )	14 794 7	59 642 B	90.427.7	61.401.0	41.754.6	27 490 5	43.512.0	29.342.5	17.192.6	8,643.3	5 384 0	3.661.4	2,297.7	405,044.7			Lew	(M\$)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Active	Well	,	٠,	165	o en	m	o er	) e	o en	· en	۰ ۸	- ۱					3	Rate	8	0.0	00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0:0	
		Period Ending	10 21 2013	12-31-2013	12-31-2015	12-31-2016	12-31-2017	12-31-2018	12,31,2019	12-31-2020	12-31-2021	12-31-2022	12,34,2023	12-31-2024	12-31-2025	Total			Period	Ending	12,31-2013	12-31-2014	12-31-2015	12-31-2016	12-31-2017	12-31-2018	12-31-2019	12-31-2020	12-31-2021	12-31-2022	12-31-2023	12-31-2024	12-31-2025	Total

Totals may not and because of rounding.

<sup>(1)</sup> For the purposes of the model, we have not attributed any part of the revenues to services.

(2) Operating expenses are Intended to include only direct project-level costs and the estimate of the portion of the headquarters general and administrative overhead expenses of Givot Olam Oil Limited
Partmership (1993) that can be directly attributed to this project.

(3) Corporate income tax rates and estimates of corporate income taxes are provided by Givot Olam Oil Exploration Limited Partmership (1993) and are its expectled corporate income taxes are provided by Givot Olam Oil Exploration Limited Partmership (1993).



## REVENUE, COSTS, AND TAXES PROBABLE RESERVES GIVOT OLAM OIL EXPLORATION LIMITED PARTNERSHIP (1993) MEGED FIELD, ISRAEL AS OF DECEMBER 31, 2012

Net Revenue

77		%	ı																				Discounted	at 20%	(M\$)	(2,928.2)	5,774.0	(2,061.1)	9,258.0	18,643.2	10,424.6	2,263.4	631.5	2,619.2	7,080.3	7.886.	313.1	224.0	71.6	16.6	(29.3)	46,889.5
Before Levy and	Income Taxes	Discounted at 0%	(MS)	(3,207.7)	9,050.9	(4,335.0)	23,366.3	56,464.5	37,887.3	9,871.4	3,305.0	16,449.2	8,141.7	5,324.0	3,398.0	2,776.5	1,118.7	310.8	(495.0)	169,426.6		orate Income Taxes	Discounted	at 15%	(M\$)	(2,991.2)	6,154.6	(2,292.5)	10,745.0	22,578.6	13,174.0	2,984.7	869.0	3,760.8	1,618.6	9.00.4	510.8	381,3	7.7.21	30.7	(36.7)	58,515.3
Š	Operating	Expenses <sup>(2)</sup>	(M\$)	320.5	3,371.1	8,351.2	10,953.3	9,897.4	6,641.1	1,817.1	752.9	3,056.8	1,427.1	933.2	595.6	399.9	1,650.5	1,508.9	121.0	51,797.6		Future Net Revenue After Levy and Corporate Income Taxes	Discounted	at 10%	(MS)	(3,058.4)	6,579.0	(2,561.9)	12,553.8	27,578.4	16,822.7	3.984.6	1,212.8	5,487.4	2,469.2	B.704,	851.7	564.7	7.1.5	58.5	(113.0)	74,229.0
3	Abandonment	Costs	(M\$)	0.0	0:0	0.0	0.0	0.0	0.0	495.0	0.066	0.066	0.0	0:0	0:0	(495.0)	0.0	0:0	495.0	2,475.0		Future Net Revenue	Discounted	at 5%	(M\$)	(3,130.4)	7,054.4	(2,877.9)	14,773.7	34,000.5	21,727.7	5,391.5	1,719.2	8,148.9	3,841.3	2,392.3	1,454.2	1,188.9	434.2	114.9	(232.4)	96,000.9
į	Capital	Costs	(MS)	4,083.8	12,251.3	32,670.0	32,670.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0:0	81,675.0			Discounted	at 0%	(MS)	(3,207.7)	7,590.1	(3,251.2)	17,524.7	42,348.4	28,415.5	7,403.5	2,478.8	12,336.9	6,106.3	0,585,0	2,548.5	2,187.8	839.0	233.1	(495.0)	127,051.7
		Total	(MS)	170.9	3,524.7	32,124.3	27,841.8	32,611.8	21,882.3	5,987.2	2,480.7	10,072,3	4,702.4	3,075,0	1,962.6	1,317.7	1,360.8	894.2	58.0	150,066.8		Corporate	Іпсот	Tax <sup>(3)</sup>	(M\$)	0.0	1,460.8	(1,083.7)	5,841.6	14,116.1	9,471.8	2,467.8	826.3	4,112.3	2,035.4	0.155,1	S	588.7	1.8.7	7.77	O'O	42,375.0
ū	Third	Party	(MS)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Corporate	Income	Тах	Rate <sup>(3)</sup>	(%)	25.0	25.0	25.0	25.0	25.0	25.0	25.0	0.55.0	0. 6	0.52	7.00	75.0	25.0	0.07	25.0	0.62	
aeitleaca	Interested	Party	(M\$)	0.0	0.0	23,523.0	15,987.9	20,240.1	13,581.0	3,715.9	1,539.6	6,251.2	2,918.5	1,908.4	1,218.1	817.8	844.6	555.0	35.6	93,136.7	Net Revenue After Levy and	Before Corporate	Income Taxes	Discounted at 0%	(MS)	(3,207.7)	9,050.9	(4,335.0)	23,366.3	56,464.5	37,887.3	9,871.4	0,505.0	16,449.2	3,141.7	0,924.0	0.888.0	2,776.5	1,118.	310.8	(480.0)	169,426.6
		State	(M\$)	170.9	3,524.7	8,601.3	11,853.9	12,371.7	8,301.3	2,271.3	9 <b>41</b> .1	3,821.0	1,783.9	1,166.5	744.5	499,9	516.2	339.2	22.4	56,930.1				Levy	(MS)	0.0	0.0	0.0	0:0	0.0	0.0	0.0	9:0 6:0	0.0	2 2	8 8	B	0.0	0.0	0.0	0.0	0.0
Morking	Interest	Revenue <sup>(1)</sup>	(M\$)	1,367.5	28,198.0	68,810.5	94,831.4	98,973.7	66,410.7	18,170.7	7,528.6	30,568.3	14,271.2	9,332.2	5,956.2	3,999.2	4,130.0	2,713.9	179.0	455,441.1			Levy	Rate	(%)	0.0	0.0	0.0	0.0	0.0	0.0	D:0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	
		Period	Ending	12-31-2013	12-31-2014	12-31-2015	12-31-2016	12-31-2017	12-31-2018	12-31-2019	12-31-2020	12-31-2021	12-31-2022	12-31-2023	12-31-2024	12-31-2025	12-31-2026	12-31-2027	12-31-2028	Total				Period	Ending	12-31-2013	12-31-2014	12-31-2015	12-31-2016	12-31-2017	12-31-2018	12-31-2019	12-31-2020	12-31-2021	12-31-2022	12-31-2023	4707-12-71	12-31-2025	9707-15-71	12-31-2027	12-31-2028	Total

Totals may not add because of rounding.

<sup>(1)</sup> For the purposes of the model, we have not attributed any part of the revenues to services.
<sup>(2)</sup> Operating expenses are inferded to include only direct project-level costs and the estimate of the portion of the headquarters general and administrative overhead expenses of Givot Olam Oil Limited Partnership (1993) that can be directly attributed to this project.
<sup>(3)</sup> Corporate income tax rates and estimates of corporate income taxes are provided by Givot Olam Oil Exploration Limited Partnership (1993) and are its expected corporate income taxes per year.

be directly attributed to this project.

Scorporate income tax rates and estimates of corporate income taxes are provided by Givot Olam Oil Exploration Limited Partnership (1993) and are to be considered by Givot Olam Oil Exploration Limited Partnership (1993) and are to be considered by Givot Olam Oil Exploration Limited Partnership (1993) and are to be considered by Givot Olam Oil Exploration Limited Partnership (1993) and are to be considered by Givot Olam Oil Exploration Limited Partnership (1993) and are to be considered by Givot Olam Oil Exploration Limited Partnership (1993) and are to be considered by Givot Olam Oil Exploration Limited Partnership (1993) and are to be considered by Givot Olam Oil Exploration Limited Partnership (1993) and are to be considered by Givot Olam Oil Exploration Limited Partnership (1993) and are to be considered by Givot Olam Oil Exploration Limited Partnership (1993) and are to be considered by Givot Olam Oil Exploration Limited Partnership (1993) and are to be considered by Givot Olam Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exploration Limited Partnership (1993) and are to be considered by Givot Oil Exp



REVENUE, COSTS, AND TAXES
PROVED + PROBABLE RESERVES
GIVOT OLAM OIL EXPLONATION LIMITED PARTNERSHIP (1993)
MEGED FIELD, ISRAEL
AS OF DECEMBER 31, 2012

Net Revenue Before Levy and Corporate	Income Taxes	Discounted at 9% (M\$)	(10,436.9)	36,966.4	59,279.0	25,419.5	79,048.0	52,333.1	33,457.4	18,807.4	24,525.1	11,340.2	7,158.1	4,249.4	2,354.9	1,118.7	310.8	(495.0)	345,436.1	me Тахеs	Discounted	at 20% (M\$)	(9,527.5)	23,075.8	28,184.4	10,071.5	26,099.8	7 671 4	3.593.6	3,905.1	1,504.7	791.5	391.6	180.8	9.17	16.6 (29.3)	110,400.9	
N.	Operating	(M\$)	3,722.6	11,307.9	18,631.5	18,330.9	15,310.3	10,627.6	7,405.8	4,924.6	6,013.6	3,529.0	2,709.1	2,199.3	1,867.2	1,650.5	1,508.9	121.0	109,859.7	y and Corporate Inco	Discounted	at 15% (M\$)	(9,732.5)	24,597.0	31,348.5	11,689.2	31,609.1	0.781.01	4 944 9	5,607.1	2,254.5	1,237.5	638.8	307.8	127.2	30.7 (56.7)	132,916.4	
Net	Abandonment	Costs (M\$)	0.0	0:0	0.0	0.0	0.0	0,0	495.0	0.066	1,485.0	495.0	0.0	0:0	0.0	0.0	0:0	495.0	3,960.0	Future Net Revenue After Levy and Corporate Income Taxes	Discounted	at 10% (M\$)	(9,951.2)	26,293.0	35,033.2	13,657.0	38,608.7	23,236.9	6 901 5	8,181.5	3,439.2	1,973.5	1,065.0	536.6	231.7	58.5 (113.0)	162,657.4	
ž	Capital	Costs (M\$)	20,418.8	28,586.3	32,670.0	32,670.0	0.0	0.0	0,0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	114,345.0	Future N	Discounted	at 5% (M\$)	(10,185.4)	28,193.3	39,354.0	16,071.8	47,599.3	30,012.1	0,2/3,0	12.149.6	5,350.4	3,216.4	1,818.5	929.8	434.2	114.9 (232.4)	202,913.1	
		Total (M\$)	1,957.8	10,980.1	48,657.8	79,812.0	46,370.0	30,940.4	20,324.4	12,149.0	15,737.2	7,550.3	4,849.0	3,169.0	2,074.8	1,360.8	894.2	58.0	286,885.0	Corporate	Discounted	at 0% (M\$)	(10,436.9)	30,334.0	44,459.2	19,064.6	59,286.0	39,249.9	14 105 6	18.393.8	8,505.2	5,368.6	3,187.0	1,766.2	839.0	233.1 (495.0)	258,953.3	
	Third	Party (M\$)	0:0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0:0	0.0	0.0	0.0	0.0	Corporate	Income	Тах <sup>(3)</sup> (М\$)	0.0	6,632.4	14,819.7	6,354.9	19,762.0	13 083.3	4.704.4	6.131.3	2.835.1	1,789.5	1,062.3	588.7	279.7	7.77 0.0	86,482.8	
Royalties	Interested	Party (M\$)	0:0	0.0	28,753.0	60,283.0	28,778.9	19,202.8	12,614.1	7,540.1	9,767.1	4,686.0	3,009.5	1,966.8	1,287.7	844.6	555.0	35.6	179,324.2	Net Revenue After Levy and Before Corporate	Tax	Rate <sup>(3)</sup> (%)	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0 25.0		
		State (M\$)	1,957.8	10,980.1	19,904.8	19,529.0	17,591.0	11,737.7	7,710.3	4,608.9	5,970.1	2,864.3	1,839.5	1,202.2	787.1	516.2	339.2	22.4	107,560.7		Income Taxes	Discounted at 0% (MS)	(10.436.9)	36,966.4	59,279.0	25,419.5	79,048.0	52,333.1	33,457.4	24.525.1	11.340.2	7,158.1	4,249.4	2,354.9	1,118.7	310.8 (495.0)	345,436.1	
Working	Interest	Revenue''' (M\$)	15,662.2	87,840.6	159,238.2	156,232.4	140,728.3	93,901.2	61,682.6	36,871.1	47,761.0	22,914.5	14,716.3	9,617.7	6,296.9	4,130.0	2,713.9	179.0	860,485.8			Levy (MS)	0.0			0.0	0.0	0.0	2 5	8 5	000	00	0.0	0.0	0.0	0:0	0:0	
	Active	ount Sount	-	ဗ	5	7	80	æ	80	7	2	7	-	Ψ-	-	-	<del>-</del>	-			Levy	Rate (%)	0.0	0.0	00	0.0	0.0	0.0	9 6	9 6	000	0.0	0.0	0.0	0.0	0.0 0.0		
		Period Ending	12-31-2013	12-31-2014	12-31-2015	12-31-2016	12-31-2017	12-31-2018	12-31-2019	12-31-2020	12-31-2021	12-31-2022	12-31-2023	12-31-2024	12-31-2025	12-31-2026	12-31-2027	12-31-2028	Total			Period	12-31-2013	12-31-2014	12-31-2015	12-31-2016	12-31-2017	12-31-2018	12-31-2019	12-31-2020	12-31-2021	12-31-2023	12-31-2024	12-31-2025	12-31-2026	12-31-2027	Total	

Totals may not add because of rounding.

<sup>(1)</sup> For the purposes of the model, we have not attributed any part of the revenues to services.

(2) Operating expenses are intended to include only direct project-level costs and the estimate of the portion of the headquarters general and administrative overhead expenses of Givot Olam Oil Limited Partnership (1993) that can be directly attributed to this project.

(3) Corporate income tax rates and estimates of corporate income taxes are provided by Givot Olam Oil Exploration Limited Partnership (1993) and are its expected corporate income taxes per year.



### REVENUE, COSTS, AND TAXES POSSIBLE RESERVES GIVOT OLAM OIL EXPLORATION LIMITED PARTNERSHIP (1993) MEGED FIELD, ISPAGE AS OF DECEMBER 31, 2012

																										Discounted	at 20%	(MS)	492.2	13,168.5	(11,105.2)	27,753.0	(2,420.2)	3,782.1	3,363,3	6,000.0	7 808	(40.9)	(251.7)	971.8	504.8	272.9	171.2	66.1	14.3	43,787.1	
Net Revenue Before Levy and Composite	Income Taxes	Discounted at 0%	(MS)	539.1	23,260.3	(23,357.0)	70,045.8	(7,330.1)	13,745.7	27,149.8	53,054.8	31,321.9	14,955.1	4,851.9	(1,045.5)	23,860.7	14,909.6	9,429.9	6,252.0	3,227.9	1,124.1	265,996.2			rate Income Taxes	Discounted	at 15%	(MS)	502.8	14,036.6	(12,351.9)	32,210.8	(2,931.1)	4,779.6	4,422.0	9,020.6	2,423.3	63.9	(410.7)	1,654.4	896.7	505.8	331.1	133.5	0.02	53,608.5	
ž	Operating	Expenses <sup>(2)</sup>	(MS)	69.6	3,001.3	5,181.3	4,103.3	6,169.6	9,863.8	12,213.4	12,940.1	5,490.3	2,881.7	1,024.0	(9.7)	4,269.2	2,613.4	1,652.9	2,342.5	2,020,2	1,738.2	77,565.1			Future Net Revenue After Levy and Corporate Income Taxes	Discounted	at 10%	(M\$)	514.1	15,004.4	(13,803.7)	37,633.0	(3,580.2)	6,103.4	5,903.4	9,520.7	4,000	(101.9)	(684.7)	2,883.7	1,634.0	963.6	659.5	277.9	0.00	67,476.7	
ă 2	Abandonment	Costs	(MS)	0.0	0.0	0.0	0:0	0:0	0.0	0.0	(495.0)	0'0	1,485.0	0:066	0.086	495.0	0.0	0.0	(495.0)	0.0	495.0	3,465.0			Future Net Reven	Discounted	at 5%	(MS)	526.2	16,088.8	(15,506.2)	44,287.5	(4,413.8)	7,882.9	7,987.7	13,504.2	4,970.3	(188.0)	(1.169.0)	5,158.2	3,061.9	1,891.6	1,356.4	598.7	127.b	87,960.4	
ž	Capital	Costs	(MS)	0.0	0.0	0:0	0.0	32,670.0	32,670.0	32,670.0	16,335.0	0.0	0.0	0.0	0:0	0:0	0.0	0.0	0.0	0.0	0.0	114,345.0				Discounted	at 0%	(M\$)	539.1	17,310.4	(17,517.7)	52,534.4	(5,497.5)	10,309.3	10,968.6	19,471.0	7,525.0	4,010.9	(2.048.83	9,492.1	5,916.3	3,837.7	2,889.5	1,339.2	7.867	119,910.1	
		Total	(MS)	0.78	3,751.7	69,988.6	(33,115.8)	15,484.5	27,657.1	35,398.9	40,215.7	18,090.4	9,495.2	3,374.1	(32.1)	14,067.0	8,611.2	5,446,4	3,981.8	2,579.1	1,649.8	226,730.5			Corporate	Income	Tax	(M\$)	0.0	5,949.9	(5,839.2)	17,511.5	(1,832.5)	3,436.4	3,656.2	6,490.3	2,506.2	939.0	(682.9)	3.164.0	1,972.1	1,279.2	798.2	446.4	n.	39,805.0	
ä	Third	Party	(M\$)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0:0	0.0	0:0	0.0	0.0		Corporate	Income	ĕ	Rate <sup>[3)</sup>	(%)	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	7.0.0	75.0	2.50	25.0	25.0	25.0	25.0	25.0	25.U		
Povelies	Interested	Party	(M\$)	0.0	0.0	63,512.0	(38,244.9)	9,610.3	17,165.0	21,969.8	24,959.3	11,227.6	5,893.1	2,094.1	(19.9)	8,730.5	5,344.4	3,380.2	2 471.6	1,600.7	1,024.0	140,717.8	Mot Dougla	After Levy and	Before Corporate	Income Taxes	Discounted at 0%	(MS)	539.1	23,260.3	(23,357.0)	70,045.8	(7, 330, 1)	13,745.7	14,624.9	25,961.4	2.550,01	3,756.5	(7 734 7)	12.656.1	7,888.4	5,116.9	3,687.7	1,785.6	399.6	159,715.2	
		State	(MS)	97.0	3,751.7	6,476.6	5,129.2	5,874.3	10,492.1	13,429.0	15,256.3	6,862.8	3,602.1	1,280.0	(12.2)	5,336.5	3,266.8	2,066.2	1,510.2	978.4	625.9	86,012.7					Levy	(MS)	0.0	0.0	0.0	0.0	0.0	0.0	12,525.0	27,083.4	21,288.6	0.081,TT	1,688.2	11.204.6	7,021.2	4,313.0	2,564.3	1,442.3	724.5	106,281.0	
Markins	Interest	Revenue <sup>(1)</sup>	(M\$)	695.7	30,013.2	51,812.9	41,033.4	46,994.0	83,936.7	107,432.0	122,050.6	54,902.6	28,817.0	10,240.0	(97.3)	42,691.9	26,134.2	16,529.2	12.081.3	7,827.2	5,007.1	688,101.8				Levy	Rate	(%)	0.0	0.0	0.0	0:0	0:0	0.0	13.4	30.5	37.1	39.0	4.0.¢	41.9	43.8	44.3	44.5	44.7	44.7		seuse of rounding.
		Period	Ending	12-31-2013	12-31-2014	12-31-2015	12-31-2016	12-31-2017	12-31-2018	12-31-2019	12-31-2020	12-31-2021	12-31-2022	12-31-2023	12-31-2024	12-31-2025	12-31-2026	12-31-2027	12-31-2028	12-31-2029	12-31-2030	Total					Period	Ending	12-31-2013	12-31-2014	12-31-2015	12-31-2016	12-31-2017	12-31-2018	12-31-2019	12-31-2020	12-31-2021	12-31-2022	5202-15-21	12-31-2024	12-31-2026	12-31-2027	12-31-2028	12-31-2029	12-31-2030	Total	Totals may not and because of counding

Totals may not add because of rounding.

<sup>(1)</sup> For the purposes of the model, we have not attributed any part of the revenues to services.

(2) Operating expenses are intended to include only direct project-level costs and the estimate of the portion of the headquarters general and administrative overhead expenses of Givot Olam Oil Limited Partnership (1993) that can be directly attributed to this project.

(3) Corporable income tax rates and estimates of corporate income taxes are provided by Givot Olam Oil Exploration Limited Partnership (1993) and are its expected corporate income baxes per year.

be directly attroubed to this project.

O Corporate income tax rates and estimates of corporate income taxes are provided by Givot Olam Oil Exploration Limited Partnership (1993) and are its engineers and exhibits herein are part of this NSAI report and are subject to its parameters and conditions.



# REVENUE, COSTS, AND TAXES PROVED + PROBABLE + POSSIBLE RESERVES GIVOT OLAM OIL EXPLORATION LIMITED PARTNERSHIP (1993) MEGED FIELD, ISRAEL AS OF DECEMBER 31, 2012

Net Revenue Before Levy and	Corporate Income Taxon	Discounted at 0%	(7.867	60.226.6	35,922.0	95,465.3	71,717.9	66,078.8	60,607.3	71,862.2	55,847.1	26,295.4	12,010.0	3,203.9	26,215,6	16,028.2	9,740,7	5,757.0	3,227.9	1.124.1	611,432.3		o Tayor	Discounted	3000	(WS)	(9.035.4)	36 244 3	17.079.2	37,824.5	23,679.5	18,181.4	11,024.7	8,554.2	5,502.7	2,003.5	130.8	1.152.7	576.4	289.4	141.9	86.1 12.3	154,187.9
1	Cheretina	Expenses <sup>(2)</sup> (MS)	3.792.1	14,309,3	23,812.8	22,434.2	21,479.9	20,491.4	19,619.1	17,864.7	11,503.9	6,410.7	3,733.1	2,189.5	6,136.4	4,263.9	3,161.8	2,463,5	2,020.2	1,738.2	187,424.8		and Company	Discounted	24 15%	(MS)	(4 229 7)	38.633.6	18,996.7	43,900.0	28,678.0	22,976.6	14,538.2	11,770.7	7,901.0	3,001.7	228.1	1.962.2	1,023.8	536.5	274.4	133.5	186,524.9
1	Abandoomoot	Costs	0.0	0.0	0.0	0.0	0.0	0'0	495.0	495.0	1,485.0	1,980.0	990.0	990.0	495.0	0.0	0.0	0.0	0.0	495.0	7,425.0		Fithire Not Revenue Affer Less and Comprete Jacome Taxes	Discounted	at 10%	(WS)	(9.437.1)	41 297 4	21,229.5	51,290.0	35,028.5	29,340.3	19,408.6	16,428.3	11,528.6	4,579.0	380.4	3,420.3	1,865.7	1,022.1	546.6	277.9	230,134.1
3	Canifal	Costs	20.418.8	28,586.3	32,670.0	32,670.0	32,670.0	32,670.0	32,670.0	16,335.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	228,690.0		N on this	Discounted	7,5	(MS)	(9.659.2)	44.282.1	23,847.8	60,359.3	43,185.4	37,895.1	26,261.3	23,287.2	1,021,71	3,650.4	649.5	6,117.9	3,496.1	2,006.5	1,124.0	598.7	290,873.5
		Total	2.044.7	14,731.7	118,646,4	46,696.2	61,854.5	58,597.6	55,723.3	52,364.7	33,827.7	17,045.5	8,223.1	3,137.0	16,141.8	9,972.1	6,340.6	4,039.8	2,579.1	1,649.8	513,615.5		Comorate	Discounted	#U%	(MS)	(2.897.7)	47.644.4	26,941.5	71,599.0	53,788.4	49,559.1	36,061.7	33,576,6	25,916.9	5.001 5	1,138.2	11,258.3	6,755.3	4,070.8	2,394.5	1,339.2	378,863.5
	Third	Party (M\$)	0.0	0.0	0.0	0:0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0:0		Corporate	Income	Tax	(MS)	0.0	12,582.2	8,980.5	23,866.3	17,928.5	16,519.7	12,020,6	2.281,11	0,038.0	1,697.2	379.4	3,752.8	2,251.8	1,356.9	798.2	446.4 99.9	126,287.8
O softler	Interested	Party (MS)	0'0	0.0	92,265.0	22,038.0	38,389.2	36,367,8	34,584.0	32,499,5	20,994.7	10,579.1	5,103.5	1,946.9	10,018.2	6,189.0	3,935.2	2,507.2	1,600.7	1,024.0	320,042.1	Net Revenue	After Levy and Before Corporate	Tax	Rate	(%)	25.0	25.0	25.0	25.0	25.0	25.0	25.0	0.00	7.00	25.0	25.0	25.0	25.0	25.0	25.0	25.0 25.0	
		State (MS)	2,044.7	14,731.7	26,381.4	24,668.2	23,465.3	22,229.7	21,139.3	19,865.2	12,832.9	6,466.4	3,119.5	1,190.0	6,123.6	3,783.0	2,405.4	1,532.5	978.4	625.9	193,573.5			Income Taxes	Discounted at 0%	(M\$)	(9,897.7)	60,226.6	35,922.0	95,465.3	71,717.9	66,078.8	48,082.3	94,700,0	45,000.0	6.788.7	1,517.6	15,011.0	0.700,6	5,427.7	3,192.7	1,785.6 399.6	 505,151.3
Working	Interest	Revenue <sup>(1)</sup> (M\$)	16,357.9	117,853.9	211,051.2	197,265.8	187,722.3	177,837.9	169,114.7	158,921.6	102,663.6	51,731.6	24,956.2	9,520.3	48,988.8	30,264.2	19,243.1	12,260.3	7,827.2	5,007.1	1,548,587.6				Levy	(M\$)	0.0	0.0	0:0	0:0	0.0	0:0	0.626,21	21,033.4	11 106.6	5.223.3	1,686.2	11,204.6	7,021.2	4,313.0	2,564.3	1,442.3 724.5	106,281.0
	Active	Well	-	ю	ഗ	۱ ۱۰	on ;	=	<del>.</del>	<b>‡</b>	13	ç	œ	4	7	-	-	-	-	-				Levy	Rate	(%)	0.0	0.0	0.0	0.0	0.0	0.0	4.00	37.4	30.	40.2	40.2	41,9	43.8	<b>4</b> .3	2.5 5.1	4 4	,
		Period Ending	12-31-2013	12-31-2014	12-31-2015	12-31-2016	12-31-2017	12-31-2018	12-31-2019	12-31-2020	12-31-2021	12-31-2022	12-31-2023	12-31-2024	12-31-2025	12-31-2026	12-31-2027	12-31-2028	12-31-2029	12-31-2030	Total				Period	Ending	12-31-2013	12-31-2014	12-31-2015	12-31-2016	12-31-2017	12-31-2018	6102-15-21	12-31-2020	12-31-2021	12-31-2023	12-31-2024	12-31-2025	12-31-2026	12-31-2027	12-31-2028	12-31-2029 12-31-2030	Odal

Totals may not add because of rounding.

<sup>(1)</sup> For the purposes of the model, we have not attributed any part of the revenues to services.
<sup>(2)</sup> Operating expenses are intended to include only direct project-level costs and the estimate of the portion of the headquarters general and administrative overhead expenses of Givot Olam Oil Limited Partnership (1983) that can be directly attributed to this project.
(3) Oxporate income tax rates and estimates of exporate income taxes are provided by Givot Olam Oil Exploration Limited Partnership (1983) and are its expected corporate income taxes per year.

Partnership (1983) that can be directly attributed to this project.

© Corporate income tax rates and estimates of corporate income taxes are provided by Givot Olam Oil Exploration Limited Partnership (1993) and 

©

All estimates and exhibits herein are part of this NSAI report and are subject to its parameters and conditions.



### HISTORICAL PRODUCTION AND OPERATING EXPENSE DATA GIVOT OLAM OIL EXPLORATION LIMITED PARTNERSHIP (1993) MEGED FIELD, ISRAEL AS OF DECEMBER 31, 2012

Reserves Depletion Rate <sup>(2)</sup> (Percent)	1.70
Average Net Revenue Per Production Unit (\$/BBL)	85.80 84.10
Average Production Costs Per Production Unit (\$/BBL)	9.60 12.15
Average Royalties Paid Per Production Unit <sup>(1)</sup> (\$/BBL)	13.60 13.00
Average Price Received Per Production Unit (\$/BBL)	109.00 109.25
Net Production (MBBL)	137.2 195.5
Year	2011 2012

Note: Values in this table have been provided by Givot Olam Oil Exploration Limited Partnership (1993); these values have not been independently

<sup>(1)</sup> Royalties do not include the 2011 General Partner royalties estimated at \$22.30 per barrel (BBL) nor the 2012 General Partner royalties estimated at \$21.00 per barrel to be paid at a future date.

<sup>(2)</sup> The reserves depletion rate is the percentage of yearly oil produced to the estimated proved plus probable reserves at the beginning of that year per this report.



### FORECASTED GROSS OIL PRODUCTION MEGED FIELD, ISRAEL AS OF DECEMBER 31, 2012

Meged 5 - Zone 8B

			Oil (MBBI	_)	
Period		Proved		Proved + Probable	
Ending	Proved	+ Probable	Probable	+ Possible	Possible
12-31-2013	144.4	158.2	13.8	165.2	7.0
12-31-2014	97.9	121.6	23.6	138.9	17.3
12-31-2015	66.6	93.5	26.9	116.8	23.3
12-31-2016	45.3	71.9	26.6	98.2	26.3
12-31-2017	30.9	55.4	24.5	82.7	27.3
12-31-2018	11.6	42.7	31.1	69.6	26.9
12-31-2019	0.0	32.9	32.9	58.6	25.7
12-31-2020	0.0	25.4	25.4	49.3	24.0
12-31-2021	0.0	3.6	3.6	41.6	37.9
12-31-2022	0.0	0.0	0.0	35.0	35.0
12-31-2023	0.0	0.0	0.0	29.5	29.5
12-31-2024	0.0	0.0	0.0	24.9	24.9
12-31-2025	0.0	0.0	0.0	7.4	7.4
12-31-2026	0.0	0.0	0.0	0.0	0.0
12-31-2027	0.0	0.0	0.0	0.0	0.0
12-31-2028	0.0	0.0	0.0	0.0	0.0
12-31-2029	0.0	0.0	0.0	0.0	0.0
12-31-2030	0.0	0.0	0.0	0.0	0.0
Total	396.7	605.1	208.4	917.7	312.6

Meged 5 - Zone 1

			Oil (MBBI	L)	•
Period		Proved		Proved + Probable	•
Ending	Proved	+ Probable	Probable	+ Possible	Possible
12-31-2013	0.0	0.0	0.0	0.0	0.0
12-31-2014	0.0	0.0	0.0	0.0	0.0
12-31-2015	0.0	0.0	0.0	0.0	0.0
12-31-2016	0.0	0.0	0.0	0.0	0.0
12-31-2017	0.0	0.0	0.0	0.0	0.0
12-31-2018	0.0	0.0	0.0	0.0	0.0
12-31-2019	258.0	0.0	(258.0)	0.0	0.0
12-31-2020	174.4	0.0	(174.4)	0.0	0.0
12-31-2021	118.1	349.9	231.8	0.0	(349.9)
12-31-2022	80.1	227.9	147.8	0.0	(227.9)
12-31-2023	54.4	148.6	94.3	0.0	(148.6)
12-31-2024	37.0	97.1	60.2	0.0	(97.1)
12-31-2025	23.2	63.6	40.4	481.8	418.2
12-31-2026	0.0	41.7	41.7	305.7	264.0
12-31-2027	0.0	27.4	27.4	194.4	167.0
12-31-2028	0.0	1.8	1.8	123.8	122.0
12-31-2029	0.0	0.0	0.0	79.1	79.1
12-31-2030	0.0	0.0	0.0	50.6	50.6
Total	745.3	958.2	212.9	1235.3	277.2



### FORECASTED GROSS OIL PRODUCTION MEGED FIELD, ISRAEL AS OF DECEMBER 31, 2012

Meged 6 - Zones 8B & 1

			Oil (MBBL	.)	
Period		Proved		Proved + Probable	
Ending			+ Possible	Possible	
12-31-2013	0.0	0.0	0.0	0.0	0.0
12-31-2014	504.5	691.6	187.0	961.3	269.8
12-31-2015	342.3	450.7	108.4	606.9	156.2
12-31-2016	232.6	294.3	61.7	384.0	89.7
12-31-2017	158.3	192.5	34.2	243.5	51.0
12-31-2018	107.9	126.1	18.3	154.7	28.6
12-31-2019	73.6	82.8	9.2	98.5	15.7
12-31-2020	48.3	54.4	6.1	62.8	8.4
12-31-2021	7.2	3.6	(3.6)	16.2	12.6
12-31-2022	0.0	0.0	0.0	0.0	0.0
12-31-2023	0.0	0.0	0.0	0.0	0.0
12-31-2024	0.0	0.0	0.0	0.0	0.0
12-31-2025	0.0	0,0	0.0	0.0	0.0
12-31-2026	0.0	0.0	0.0	0.0	0.0
12-31-2027	0.0	0.0	0.0	0.0	0.0
12-31-2028	0.0	.0.0	0.0	0.0	0.0
12-31-2029	0.0	0.0	0.0	0.0	0.0
12-31-2030	0.0	0.0	0.0	0.0	0.0
Total	1,474.7	1,896.0	421.3	2,528.0	632.0

Meged 7 - Zones 8B & 1

		_	Oil (MBBL	)	
Period		Proved		Proved + Probable	
Ending	Proved + Probable Probable + Possible I				Possible
12-31-2013	0.0     0.0     0.0       0.0     0.0     0.0       504.5     691.6     187.0     961.3			0.0	
12-31-2014	504.5       691.6       187.0       961.3         342.3       450.7       108.4       606.9			0.0	
12-31-2015	342.3 450.7 108.4 606.9 232.6 294.3 61.7 384.0			269.8	
12-31-2016	342.3     450.7     108.4     606.9       232.6     294.3     61.7     384.0       158.3     192.5     34.2     243.5		156.2		
12-31-2017	232.6	294.3	61.7	384.0	89.7
12-31-2018	158.3	192.5	34.2	243.5	51.0
12-31-2019	107.9	126.1	18.3	154.7	28.6
12-31-2020	73.6	82.8	9.2	98.5	15.7
12-31-2021	48.3	54.4	6.1	62.8	8.4
12-31-2022	7.2	3.6	(3.6)	16.2	12.6
12-31-2023	0.0	0.0	0.0	0.0	0.0
12-31-2024	0.0	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0
12-31-2026	0.0	0.0	0.0	0.0	0.0
12-31-2027	0.0	0.0	0.0	0.0	0.0
12-31-2028	0.0	0.0	0.0	0.0	0.0
12-31-2029	0.0	0.0	0.0	0.0	0.0
12-31-2030	0.0	0.0	0.0	0.0	0.0
Total	1,474.7	1,896.0	421.3	2,528.0	632.0



### FORECASTED GROSS OIL PRODUCTION MEGED FIELD, ISRAEL AS OF DECEMBER 31, 2012

Meged 8 - Zones 8B & 1

			Oil (MBBL	)	,
Period		Proved		Proved + Probable	
Ending	Proved	+ Probable	Probable	+ Possible	Possible
12-31-2013	0.0	0.0	0.0	0.0	0.0
12-31-2014	0.0	74.2	74.2	90.2	16.1
12-31-2015	0.0	231.6	231.6	275.8	44.2
12-31-2016	0.0	154.5	154.5	177.4	22.9
12-31-2017	0.0	103.2	103.2	114.4	11.1
12-31-2018	0.0	69.1	69.1	73.9	4.7
12-31-2019	0.0	34.7	34.7	37.8	3.1
12-31-2020	0.0	0.0	0.0	0.0	0.0
12-31-2021	0.0	0.0	0.0	0.0	0.0
12-31-2022	0.0	0.0	0.0	0.0	0.0
12-31-2023	0.0	0.0	0.0	0.0	0.0
12-31-2024	0.0	0.0	0.0	0.0	0.0
12-31-2025	0.0	0.0	0.0	0.0	0.0
12-31-2026	0.0	0.0	0.0	0.0	0.0
12-31-2027	0.0	0.0	0.0	0.0	0.0
12-31-2028	0.0	0.0	0.0	0.0	0.0
12-31-2029	0.0	0.0	0.0	0.0	0.0
12-31-2030	0.0	0.0	0.0	0.0	0.0
Total	0.0	667.3	667.3	769.5	102.2



### MONTE CARLO INPUT DISTRIBUTION SUMMARY CONTINGENT RESOURCES MEGED FIELD, ISRAEL AS OF DECEMBER 31, 2012

76,317 114,476 32,549 81,373 29,024 72,561 23,406 117,029 17,171 85,857 30,461 152,305 13,437 33,592

Note: Low estimate is equivalent to the 90th percentile (P90) value for each distribution variable, and high estimate is equivalent to the 10th percentile (P10) value for each distribution variable.

<sup>(1)</sup> The abbreviation RB/STB represents reservoir barrels per stock tank barrel.

<sup>(2)</sup> Only Matrix volumes are included in contingent resources since Fracture volumes for these reservoirs are classified as reserves.