

Tamar Petroleum Ltd.
(the "Company")

March 7, 2021

Israel Securities Authority
Via Magna

Tel Aviv Stock Exchange Ltd.
Via Magna

Dear Sir/Madam,

Re: **Report on Updated Discounted Cash Flow Figures and Reserves in the Tamar Lease**

Further to the immediate report regarding the evaluation of the reserves in the Tamar project as of June 30, 2020, as released on August 3, 2020 (Ref. No.: 2020-01-075502) (the **"Previous Reserve Report"**), which includes the Tamar and Tamar South-West (**"Tamar SW"**) reservoirs, in the area of the I/12 Tamar lease (the **"Tamar Project"** and the **"Tamar Lease"**, respectively), the Company respectfully provides a report on updated discounted cash flow figures and reserves, as of December 31, 2020, in relation to the Company's share in the Tamar Lease, as follows¹:

a. Reserves - Quantity Data

According to a report received by the Company from Netherland, Sewell & Associates, Inc. (**"NSAI"** or the **"Reserves Evaluator"**), which was prepared according to the guidelines of the SPE-PRMS, as of December 31, 2020 (the **"ReserveReport"**), the natural gas and condensate reserves in the Tamar Project (which includes, as aforesaid, the Tamar and Tamar SW reservoirs²) are as specified below³:

¹ For definitions of the professional terms included in this Report, see the Glossary annex on page A-164 of the Company's 2019 periodic report, as released on March 30, 2020 (Ref. No.: 2020-01-028804) (the **"Periodic Report"**), which is included herein by reference.

² The reserves in the Tamar SW reservoir, which are specified in this Report, do not include the reserves in the part of the reservoir that overflows into the area of the 353/Eran license. For further details, see Section 7.2.8 of Chapter A of the Periodic Report, the details included in which are incorporated herein by reference.

³ The amounts in the table may not add up due to rounding off differences.

Reserve Category	Total (100%) in the Petroleum Asset (Gross)						Total (Tamar and Tamar SW Reservoirs) Share Attributed to the Holders of the Equity Interests of the Company (Net) ⁴	
	Tamar Reservoir		Tamar SW Reservoir		Total (Tamar and Tamar SW Reservoirs)			
	Natural Gas BCF	Condensate Million Barrels	Natural Gas BCF	Condensate Million Barrels	Natural Gas BCF	Condensate Million Barrels	In Natural Gas BCF	In Condensate Million Barrels
IP (Proved) Reserves	6,929.8	9.0	796.4	1.0	7,726.2	10.0	1,061.5	1.4
Probable Reserves	2,595.9	3.4	159.1	0.2	2,755.0	3.6	378.5	0.5
Total 2P (Proved + Probable) Reserves	9,525.7	12.4	955.6	1.2	10,481.2	13.6	1,440.0	1.9
Possible Reserves	2,366.0	3.1	102.2	0.1	2,468.3	3.2	339.1	0.4
Total 3P (Proved + Probable + Possible) Reserves	11,891.7	15.5	1,057.8	1.4	12,949.5	16.8	1,779.1	2.3

Caution – possible reserves are the additional reserves which are not expected to be extracted to the same extent as the probable reserves. There is a 10% chance that the quantities that will actually be extracted will be equal to or higher than the quantity of proved reserves, plus the quantity of probable reserves plus the quantity of possible reserves.

⁴ The Reserve Report did not state the Company's net share but rather the Company's gross share. The Company's share in the above table is after payment of royalties to the State, to interested parties and to third parties. The said royalties are according to their full rate (i.e.: to the State – 12.5% of the Company's total revenues; to interested parties and to third parties – 9.92% of the Company's revenues in respect of the interests that the Company purchased from Delek Drilling – Limited Partnership ("**Delek Drilling**") (i.e.: in respect of 9.25% (out of 100%) of the interests)). It is noted that the said royalties will actually be calculated according to the market value at the wellhead and therefore may in practice be lower than the said rates. For further details, see Section 7.19 of Chapter A of the Periodic Report.

- b. In the Reserve Report, NSAI noted that the project maturity stage to which the reserves belong is ‘on production’. Furthermore, in the Reserve Report, NSAI set out, *inter alia*, several assumptions and reservations, including that: (a) The evaluations, as customary in reserve evaluations according to the guidelines of the SPE-PRMS, are not adjusted to reflect risks; (b) NSAI did not visit the oil field, and did not check the mechanical operation of the facilities and the wells or the condition thereof; (c) NSAI did not examine possible exposure deriving from environmental matters. However, NSAI stated that as of the date of the Reserve Report, it is not aware of any potential liability regarding environmental matters which could materially affect the quantity of the reserves estimated in the Reserve Report or the commerciality thereof, and therefore did not include in the Reserve Report costs which could derive from such liability; (d) NSAI assumed that the reservoirs are developed in accordance with the development plan, that they will be reasonably operated, that no regulation will be instituted that will affect the ability of a holder of the petroleum interests to produce the reserves, and that its forecasts regarding future production will be similar to the functioning of the reservoirs in practice.

Caution regarding forward-looking information – NSAI’s estimates regarding quantities of the natural gas and condensate reserves in the Tamar and Tamar SW reservoirs are forward-looking information, within the meaning thereof in the Securities Law, 5728-1968 (the “Securities Law”). The above estimates are based, *inter alia*, on geological, geophysical, engineering and other information received, *inter alia*, from Noble Energy Mediterranean Ltd., the operator in the Tamar Project (the “Operator” or “Noble”), and constitute estimates and conjectures of NSAI only, in respect of which there is no certainty. The natural gas and/or condensate quantities that shall actually be produced may be different to the said estimates and conjectures, *inter alia* as a result of operating and technical conditions and/or regulatory changes and/or supply and demand conditions in the natural gas and/or condensate market and/or commercial conditions and/or geopolitical changes and/or as a result of the actual performance of the reservoirs. The said estimates and conjectures may be updated insofar as additional information shall accumulate and/or as a result of a gamut of factors relating to oil and natural gas projects, including as a result of the production data from the Tamar Project in practice.

- c. Discounted cash flow figures

The discounted cash flow figures are based on various estimates and assumptions provided by the Company to NSAI, mainly as specified below:

- (a) Projected sales volumes: The assumptions in the cash flow with respect to the natural gas quantities that shall be sold from the Tamar Project are based on: (1) the production capacity of the Tamar Project⁵. It is noted that the actual production rate for each one of the reserve categories in the cash flow may be lower or higher than the production rate assumed in the cash flow. In addition, NSAI did not

⁵ The current maximum gas supply capacity from the Tamar Project to INGL’s transmission system is approx. 1.1 BCF per day.

perform a sensitivity analysis in relation to the production rate of the wells; (2) the Company's assumptions with respect to natural gas quantities that shall be sold to customers under the existing agreements to which the Company is a party, including the agreement for the export of natural gas to Egypt that was signed with Dolphinus Holdings Limited⁶ (the “**Export to Egypt Agreement**” and “**Dolphinus**”, respectively)⁷, considering, *inter alia*, the forecasts used by the Company with respect to the Brent price and the possible impact thereof on the quantities sold to Egypt, and the agreement for the supply of natural gas to the Israel Electric Corporation Ltd. (IEC)⁸ (collectively: the “**Existing Agreements**”); (3) additional quantities of natural gas which, in the Company's estimation, shall be sold in the domestic market in Israel, based, *inter alia*, on negotiations for the sale of natural gas from the Tamar Project, a forecast of demand for natural gas in the domestic market in Israel, which was prepared by outside consultants (BDO Consulting Group, “**BDO**”)⁹, and in relation to an estimate of the expected supply from other gas sources in the domestic market¹⁰; and (4) additional quantities of natural gas which, in the Company's estimation, will be sold in the regional markets.¹¹.

- (b) The sale prices of natural gas and condensate: The assumptions in the cash flow with respect to the prices of the natural gas that shall be sold from the Tamar Project are based, *inter alia*, on a weighted average of the natural gas prices stated in existing agreements according to the price formulas set forth therein, as specified below, and on the Company's assumptions with respect to the prices that shall be determined in future agreements, based, *inter alia*, on a forecast of the

⁶ See Section 7.4.5(b) of Chapter A of the Periodic Report.

⁷ It is noted that in June 2020, Dolphinus endorsed the Export to Egypt Agreement to an affiliate – Blue Ocean Energy. It is further noted that in July 2020, the gas flow from the Tamar Project under the Export to Egypt Agreement began.

⁸ For details with respect to this agreement, see Section 7.4.4(d) of Chapter A of the Periodic Report and Section 6 of the update of Chapter A (Description of the Company's Business) included in the Q3/2020 report published on November 15, 2020 (Ref. No. 2020-01-122466) (the “**Q3 Report**”), and with respect to the settlement agreement signed between the Tamar partners and the IEC see the immediate report of January 31, 2021 (Ref. No. 2021-01-012915).

⁹ The forecast of the demand for natural gas in the domestic market in the upcoming years on which the Company relied is as follows (BCM): 2021 – approx. 13.1; 2022 – approx. 15; 2023 – approx. 15.6; 2024 – approx. 16.6; 2025 – approx. 17.9. Such demand forecast is based on the electricity demand forecast which is affected, *inter alia*, by Israel's growth forecasts and the COVID-19 crisis, as well as the mix of energy sources to be used in electricity production which is affected by the Government's policy on reduction of the use of coal as an electricity production source up to complete discontinuance of such use and on the use of renewable energies as an electricity production source. The demand forecast constitutes forward-looking information, which there is no certainty will materialize, in whole or in part, and may materialize in a materially different manner due to various factors, including the manner of the continued spread of the COVID-19 Pandemic and the impact thereof on the domestic and global economy, development of the growth in the Israeli economy, climate conditions in Israel, the rate of discontinuance of the use of coal as an electricity production source, the rate of introduction of renewable energies as an electricity production source, the rate of introduction of electric vehicles into the Israeli market and the Government's policy in other fields that directly or indirectly pertain to increase in the demand for natural gas.

¹⁰ The discounted cash flow assumes that natural gas sales to the domestic market in Israel from the Karish and Tanin project will begin in 2022.

¹¹ It was assumed that also after conclusion of the supply of gas according to the contract quantities under the existing export agreements, additional gas quantities will be sold to customers in Egypt and in Jordan, and in the total aggregate quantity of approx. 40 BCM by 2040.

demand in the domestic market in the cash flow years, as estimated by BDO, and on the Company's estimate of the expected supply.

The price formulas determined in the Existing Agreements include, *inter alia*, linkage to the Electricity Production Tariff¹², the U.S. CPI and the Brent oil barrel price (the “**Brent Price**”).

The assumptions with respect to the linkage components are based on data and forecasts received from BDO as specified below:

(1) The U.S. CPI – annual growth was assumed at an average rate of approx. 2% per year;

(2) Brent barrel price – was based on an average of long-term forecasts of the following four bodies¹³: the World Bank, the U.S. Department of Energy, Wood Mackenzie and IHS Global Insights. Accordingly, the cash flow assumes a price of approx. \$52 per Brent barrel in 2021, which rises to approx. \$68 per barrel in 2025, and to a fixed barrel price of approx. \$86 per barrel from 2030 until the end of the cash flow period.

(3) Electricity Production Tariff – a forecast which is based, *inter alia*, on the ILS to dollar exchange rate and on a forecast of the cost of the fuels which is based on the gas price to the IEC.

It is noted that the prices may change, *inter alia*, due to changes in indices on which the linkages in the gas supply agreements are based as aforesaid, due to commercial and competitive considerations and due to price adjustment mechanisms as determined in the agreement with the IEC¹⁴, and in the Export to Egypt Agreement¹⁵. In the cash flow it was assumed that a maximum price reduction will be made in accordance with the agreement with the IEC at the rate of 25% on the first adjustment date (i.e. on July 1, 2021), and at the rate of 10% on the second adjustment date (i.e. on July 1, 2024). Such price reductions were incorporated into the electricity production tariff forecast. It is further noted that no price change as a result of the class certification motion filed by a consumer of the IEC against the partners in the Tamar Project, as specified in Section 7.21.1 of

¹² The Electricity Production Tariff is a tariff controlled by the Electricity Authority and reflects the costs of the electricity production segment of the IEC, including the cost of the fuels of the IEC, capital expenditures and operating expenses that are attributed to the production segment and the cost of purchase of electricity from private electricity producers.

¹³ To the best of the Company's knowledge, the frequency of updates to the Brent price forecast by the said four bodies is as follows: the World Bank – twice a year; the U.S. Department of Energy – short-term forecast – each month, long-term forecast – twice a year; Wood Mackenzie – every six months; IHS Global Insights – each month.

¹⁴ The agreement with the IEC determines two dates on which each party may request a price adjustment, according to the mechanism determined in the agreement. For details, see Section 7.4.4(d)(7) of Chapter A of the Periodic Report.

¹⁵ The Export to Egypt Agreement includes a mechanism for updating the price by up to 10% (up or down) after the fifth year and after the tenth year of the agreement given certain conditions set forth in the agreement. In the cash flow an assumption was made that a maximum price reduction at a rate of 10% would be made on the first price adjustment date and that no price adjustment would be made on the second date.

Chapter A of the Periodic Report, was taken into account. In the estimation of the Company's legal counsel, the chances of the certification motion being granted are lower than 50%. As aforesaid, the parties are currently at the stage of the class certification motion. Insofar as a final and non-appealable decision is issued in the context of acceptance of the said class action (i.e. after the class certification motion is granted (if granted) and a non-appealable decision is issued on the class action on the merits (if issued)) against the Tamar partners, this may have an adverse effect on the Company's business, on the prices at which the Company shall sell natural gas to its customers and on the discounted cash flow figures, the extent of which will be derived from the outcome of the action¹⁶.

The assumptions in the cash flow with respect to the sale prices of condensate are based on the Brent Crude prices, which are adjusted to differences in quality, transmission costs and the price at which condensate is sold in the region.

- (c) The operation costs that were taken into account are costs that were provided to NSAI by the Company based, *inter alia*, on information supplied from the Operator. These costs include direct costs at the project level, insurance costs, production well maintenance costs, costs of transmission to the delivery point as determined in the Export to Egypt Agreement and estimated overhead and general and administrative expenses of the Operator, which may be directly attributed to the project and jointly constitute the operation costs of the project. The operation costs in the cash flow are not adjusted to inflation changes. NSAI confirmed that the operation costs that were provided by the Company are reasonable based, *inter alia* on knowledge that NSAI has from similar projects.
- (d) The capital expenditures that were taken into account in the cash flow are expenditures approved by the Company and an estimate of future capital expenditures not yet approved by the Company, that shall be incurred in the course of the production for the purpose of preserving and expanding the production capacity, including, *inter alia*, the drilling, development and connection of new wells, the laying of additional infrastructure and additional production equipment, expenses for engineering work, participation in the costs of construction of the natural gas transmission infrastructure¹⁷, and indirect costs paid to the Operator. The capital expenditures in the cash flow are not adjusted to inflation changes. NSAI confirmed that the capital expenditures that were provided by the Company are reasonable based, *inter alia* on the development plan for the Tamar Project and on knowledge that NSAI has from similar projects.
- (e) Abandonment costs that were taken into account in the cash flow are costs that were provided to NSAI by the Company in accordance with its estimates based,

¹⁶ With respect to the liability of Delek Drilling and Noble with respect to certification of the class action in relation to amounts received thereby prior to the effective date for the purchase of the interests in the Tamar Lease that they sold to the Company, see Note 4A and 4B to the financial statements as of December 31, 2019, respectively.

¹⁷ In order to increase the available transmission capacity of the EMG pipeline, it is required to expand the supply capacity of the INGL system, as well as the EMG systems in Israel and in Egypt. For details, see Section 7.5.4(b) and Section 7.5.2(d)(2) of Chapter A of the Periodic Report and the immediate report of January 19, 2021 (Ref. No. 2021-01-007753).

inter alia, on outside experts with respect to the cost of abandonment of the wells, the platform and the production facilities. These costs do not take into account the salvage value of the Tamar Lease and the facilities in the Tamar Project and are not adjusted to inflation changes.

- (f) The tax calculations took into account the corporate tax rates pursuant to law, as well as the tax implications in connection with the purchases of the interests from Delek Drilling and from Noble according to the tax rulings received from the Tax Authority in connection with such purchases of interests.
- (g) The calculation of the discounted cash flow took into account the Company's estimate whereby the effective rate of the royalties that shall be paid by the Company to the State is 11.3% of the Company's total revenues, and the effective rate of the royalties that shall be paid to related and third parties is 8.97% of the Company's revenues in respect of the interests that the Company purchased from Delek Drilling (i.e. in respect of 9.25% (out of 100%) of the interests). The actual rate of the said royalties is not final and may change. For further details on the matter, see Sections 7.18 and 7.19 of Chapter A of the Periodic Report, Section 9 of the update of Chapter A (Description of the Company's Business) included in the Q1/2020 report published on June 25, 2020 (Ref. No. 2020-01-066834) and Section 10 of the update of Chapter A (Description of the Company's Business) included in the Q3 Report.
- (h) The calculation of the discounted cash flow took into account the petroleum profit levy which shall apply to the Company according to the provisions of the Taxation of Profits from Natural Resources Law, 5771-2011 (in this section: the "**Law**"). It should be emphasized that the levy calculations were made, *inter alia*, according to the definitions, the formulas and the mechanisms defined in the Law, according to the best of the Company's understanding and interpretation. However, in view of the novelty of the Law and the complexity of the calculation formulas and the various mechanisms defined therein, there is no assurance that this interpretation of the method of calculation of the levy will be the same as that which shall be adopted by the tax authorities and/or the same as the interpretation of the Law by the court. It is noted that as of the report release date, several interpretation disputes are being heard with respect to the implementation of the Law in the reports of the Tamar venture vis-à-vis the Tax Authority, in the administrative objection and appeal proceedings set forth in the Law. The issues contemplated in these disputes have not yet been addressed in Israeli case law¹⁸. The levy calculations were made according to the transitional provisions set forth in the Law with respect to a venture, the date of commencement of commercial production in respect of which occurred from the date of commencement of the Law until January 1, 2014. In addition, the calculation was made in dollars according to the venture's choice, pursuant to Section 13(b) of the Law, and is based, *inter alia*, on the following assumptions: the venture's payments (the production costs, the investments, the royalties, etc.) will be recognized by the tax authorities for the purpose of the levy calculation; for the purpose of calculation of

¹⁸ If and insofar as the Tax Authority's position is accepted in the said disputes, in the Company's estimation this is not expected to have a material effect on the value of the discounted cash flow included herein.

the venture's income, the actual sale prices of the natural gas shall be taken into account.

- (i) The calculation of the discounted cash flow took into account expenses and investments actually paid and expected to be paid by the Company from January 1, 2021, and income deriving from sales of natural gas and condensate that were produced and are expected to be produced from January 1, 2021.
- (j) Income from natural gas and condensate sales that shall be made in a certain year was taken into account in the same year irrespective of the actual payment date.

The discounted cash flow was updated relative to the discounted cash flow as of June 30, 2020, principally for the following reasons:

1. Update of forecasts of the volumes to be sold, mainly due to the Company's assumptions regarding the postponement of the date of commencement of production from the Karish and Tanin project and the increase in the annual sales volumes from this project;
2. Update of the operating costs and the investments made until December 31, 2020, in accordance with the actual investments. Forecasts of the future investments and operating costs were also updated according to the Company's estimation, based, *inter alia*, on the production profile and on updated estimates received from the Operator, and which were updated, *inter alia*, in view of the expected streamlining and reduction of the operating budgets.
3. Update of the quantities of gas and condensate produced and sold during H2/2020, in accordance with actual figures.

In accordance with various assumptions, primarily as specified above, set forth below is the estimated discounted cash flow as of December 31, 2020, in dollars in thousands (after levy and income tax), attributed to the Company's share, from the reserves in the Tamar Project, for each one of the reserve categories specified above:

Total Discounted Cash Flow from Proved Reserves as of December 31, 2020 (\$ in thousands in relation to the Company's Share)																
Cash Flow Components																
Until	Condensate Sales Volume (barrels in thousands) (100% of the Petroleum Asset)	Sales Volume (BCM) (100% of the Petroleum Asset)	Revenues	Royalties to be Paid	Royalties to be Recived	Operation Costs	Development Costs	Abaddonment and Restoration Costs	Total Cash Flow before Levy and Income Tax (Discounted at 0%)	Taxes		Total Discounted Cash Flow after Tax				
										Levy	Income Tax	Discounted at 0%	Discounted at 5%	Discounted at 10%	Discounted at 15%	Discounted at 20%
31.12.2021	405	8.82	243,169	39,527	-	25,074	11,046	-	167,521	39,544	7,950	120,027	117,134	114,441	111,926	109,569
31.12.2022	388	8.46	233,310	37,925	-	24,296	12,983	-	158,107	46,959	5,486	105,661	98,205	91,585	85,678	80,379
31.12.2023	422	9.20	261,461	42,501	-	25,332	47,018	-	146,610	50,484	9,195	86,931	76,949	68,501	61,296	55,109
31.12.2024	428	9.33	263,942	42,904	-	25,409	33,995	-	161,634	62,841	5,042	93,751	79,034	67,158	57,482	49,527
31.12.2025	459	9.99	281,243	45,717	-	25,526	-	-	210,001	92,740	0	117,262	94,146	76,364	62,519	51,623
31.12.2026	466	10.14	284,729	46,283	-	25,557	-	-	212,889	99,632	0	113,257	86,601	67,051	52,508	41,550
31.12.2027	475	10.35	295,902	48,099	-	25,589	-	-	222,214	103,996	0	118,218	86,090	63,625	47,659	36,141
31.12.2028	504	10.98	316,482	51,445	-	25,621	-	-	239,417	112,047	14,357	113,013	78,381	55,295	39,618	28,792
31.12.2029	508	11.07	323,101	52,521	-	25,653	16,484	-	228,444	106,912	17,167	104,365	68,936	46,421	31,814	22,157
31.12.2030	511	11.12	330,378	53,704	-	25,685	16,484	-	234,505	109,749	17,481	107,276	67,484	43,378	28,436	18,979
31.12.2031	526	11.46	344,783	56,045	-	25,718	-	-	263,020	123,093	16,471	123,455	73,964	45,382	28,457	18,201
31.12.2032	535	11.65	355,552	57,796	-	25,752	8,947	-	263,058	123,111	18,546	121,401	69,270	40,570	24,333	14,916
31.12.2033	535	11.65	361,062	58,691	-	25,785	41,915	-	234,671	109,826	22,707	102,138	55,504	31,030	17,802	10,457
31.12.2034	535	11.65	366,666	59,602	-	25,819	-	-	281,245	131,623	19,444	130,178	67,373	35,953	19,730	11,107
31.12.2035	535	11.65	372,383	60,531	-	25,853	-	-	285,998	133,847	21,815	130,336	64,242	32,724	17,177	9,267
31.12.2036	490	10.68	346,725	56,361	-	25,597	-	-	264,767	123,911	20,154	120,702	56,661	27,550	13,832	7,152
31.12.2037	374	8.15	268,756	43,687	-	24,862	-	-	200,206	93,697	14,698	91,812	41,046	19,051	9,149	4,533
31.12.2038	301	6.55	219,405	35,665	-	24,397	-	-	159,343	74,573	11,243	73,527	31,307	13,870	6,371	3,025
31.12.2039	251	5.47	186,134	30,256	-	24,084	-	-	131,794	61,679	8,915	61,199	24,817	10,495	4,611	2,098
31.12.2040	216	4.70	162,478	26,411	-	23,860	-	-	112,207	52,513	7,641	52,053	20,103	8,115	3,411	1,487
31.12.2041	189	4.11	144,879	23,550	-	23,689	-	-	97,640	45,695	6,808	45,136	16,601	6,397	2,572	1,075

Total Discounted Cash Flow from Proved Reserves as of December 31, 2020 (\$ in thsoudans in relation to the Company's Share)																
Cash Flow Components																
Until	Condensate Sales Volume (barrels in thousands) (100% of the Petroleum Asset)	Sales Volume (BCM) (100% of the Petroleum Asset)	Revenues	Royalties to be Paid	Royalties to be Recived	Operation Costs	Development Costs	Abaddonment and Restoration Costs	Total Cash Flow before Levy and Income Tax (Discounted at 0%)	Taxes		Total Discounted Cash Flow after Tax				
										Levy	Income Tax	Discounted at 0%	Discounted at 5%	Discounted at 10%	Discounted at 15%	Discounted at 20%
31.12.2042	166	3.62	130,119	21,151	-	23,546	-	-	85,422	39,978	5,786	39,658	13,892	5,110	1,965	787
31.12.2043	146	3.18	116,555	18,946	-	23,416	-	-	74,193	34,722	5,043	34,428	11,485	4,032	1,483	569
31.12.2044	129	2.80	104,649	17,011	-	23,302	-	-	64,336	30,109	5,168	29,059	9,233	3,094	1,089	400
31.12.2045	113	2.47	94,135	15,302	-	23,203	-	-	55,630	26,035	4,421	25,174	7,617	2,437	820	289
31.12.2046	100	2.17	84,332	13,708	-	23,112	-	-	47,512	22,235	3,718	21,559	6,213	1,897	611	206
31.12.2047	88	1.91	75,692	12,304	-	23,032	-	-	40,356	18,886	2,870	18,599	5,105	1,488	458	148
31.12.2048	77	1.68	67,890	11,036	-	22,961	-	-	33,894	15,862	2,301	15,730	4,112	1,144	337	105
31.12.2049	68	1.48	60,988	9,914	-	22,898	-	13,412	14,764	6,910	3,238	4,616	1,149	305	86	26
31.12.2050	60	1.30	54,628	8,880	-	22,841	-	13,412	9,495	4,444	2,768	2,284	541	137	37	11
31.12.2051	46	0.99	42,482	6,906	-	22,738	-	13,412	-573	-	1,772	-2,345	-530	-128	-33	-9
31.12.2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.12.2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.12.2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.12.2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.12.2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	10,044	219.78	6,794,010	1,104,378	-	760,206	188,872	40,236	4,700,317	2,097,653	282,204	2,320,460	1,432,665	984,475	733,235	579,677

Total Discounted Cash Flow from Probable Reserves as of December 31, 2020 (\$ in thsousands in relation to the Company’s Share)																
Cash Flow Components																
Until	Condensate Sales Volume (barrels in thousands) (100% of the Petroleum Asset)	Sales Volume (BCM) (100% of the Petroleum Asset)	Revenues	Royalties to be Paid	Royalties to be Recived	Operation Costs	Development Costs ¹⁹	Ababdonment and Restoration Costs	Total Cash Flow before Levy and Income Tax (Discounted at 0%)	Taxes		Total Discounted Cash Flow after Tax				
										Levy	Income Tax	Discounted at 0%	Discounted at 5%	Discounted at 10%	Discounted at 15%	Discounted at 20%
31.12.2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.12.2022	-	-	-	-	-	-	-7,948	-	7,948	2,656	-611	5,903	5,487	5,117	4,787	4,491
31.12.2023	-	-	-	-	-	-	-41,943	-	41,943	16,629	-3,646	28,960	25,635	22,820	20,420	18,359
31.12.2024	-	-	-	-	-	-29	-33,995	-	34,023	17,580	-2,329	18,773	15,826	13,448	11,510	9,917
31.12.2025	-	-	-	-	-	-114	28,249	-	-28,135	-9,777	4,816	-23,174	-18,606	-15,091	-12,355	-10,202
31.12.2026	-	-	-	-	-	-114	31,792	-	-31,678	-14,825	3,133	-19,986	-15,282	-11,832	-9,266	-7,332
31.12.2027	-	-	-	-	-	-86	23,844	-	-23,759	-11,119	4,764	-17,404	-12,674	-9,367	-7,016	-5,321
31.12.2028	-	-	-	-	-	-	-	-	-	-	444	-444	-308	-217	-156	-113
31.12.2029	-	-	-	-	-	-	-16,484	-	16,484	7,715	-1,778	10,548	6,967	4,692	3,215	2,239
31.12.2030	-	-	-	-	-	-	-16,484	-	16,484	7,715	-1,399	10,169	6,397	4,112	2,696	1,799
31.12.2031	-	-	-	-	-	-	-	-	-	-	754	-754	-452	-277	-174	-111
31.12.2032	-	-	-	-	-	-	-8,947	-	8,947	4,187	-209	4,969	2,835	1,660	996	610
31.12.2033	-	-	-	-	-	-	-41,915	-	41,915	19,616	-3,730	26,029	14,145	7,908	4,537	2,665
31.12.2034	-	-	-	-	-	-	-	-	-	-	216	-216	-112	-60	-33	-18

¹⁹ Since the degree of certainty required for production of the probable reserves (50%) is lower than the degree of certainty required for production of the proved reserves (90%), the date of performance of the capital investments required for production of the probable reserves was postponed relative to the date of performance of the capital investments required for production of the proved reserves, in accordance with the production profile. Thus, development costs which are stated as negative in certain years in the table of discounted cash flow figures from probable reserves, are stated as positive in later years in the same table, relative to the development costs in the table of discounted cash flow figures from proved reserves. For details regarding the total capital investments required, see the table of discounted cash flow figures from 2P (proved (1P) + probable) reserves.

Total Discounted Cash Flow from Probable Reserves as of December 31, 2020 (\$ in thsoudans in relation to the Company’s Share)																
Cash Flow Components																
Until	Condensate Sales Volume (barrels in thousands) (100% of the Petroleum Asset)	Sales Volume (BCM) (100% of the Petroleum Asset)	Revenues	Royalties to be Paid	Royalties to be Received	Operation Costs	Development Costs ¹⁹	Ababdgment and Restoration Costs	Total Cash Flow before Levv and Income Tax (Discounted at 0%)	Taxes		Total Discounted Cash Flow after Tax				
										Levy	Income Tax	Discounted at 0%	Discounted at 5%	Discounted at 10%	Discounted at 15%	Discounted at 20%
31.12.2035	-	-	-	-	-	-	-	-	-	-	-1,130	1,130	557	284	149	80
31.12.2036	45	0.97	31,488	5,119	-	291	32,968	-	-6,889	-3,224	7,388	-11,053	-5,189	-2,523	-1,267	-655
31.12.2037	161	3.50	115,405	18,759	-	1,061	17,894	-	77,691	36,359	14,243	27,088	12,110	5,621	2,699	1,337
31.12.2038	234	5.10	170,821	27,767	-	1,561	32,968	-	108,525	50,790	21,620	36,115	15,377	6,813	3,130	1,486
31.12.2039	284	6.18	210,280	34,181	-	1,910	32,968	-	141,221	66,091	24,862	50,267	20,384	8,620	3,788	1,724
31.12.2040	319	6.95	240,247	39,053	-	2,170	-	-	199,025	93,144	23,215	82,666	31,925	12,888	5,416	2,362
31.12.2041	346	7.54	265,774	43,202	-	2,377	-	-	220,195	103,051	25,427	91,717	33,734	12,999	5,226	2,184
31.12.2042	348	7.58	272,448	44,287	-	2,414	-	-	225,747	105,649	26,106	93,991	32,924	12,110	4,657	1,865
31.12.2043	302	6.57	240,800	39,143	-	2,113	-	-	199,545	93,387	22,694	83,464	27,844	9,776	3,596	1,380
31.12.2044	259	5.64	210,791	34,264	-	1,832	-	-	174,694	81,757	18,689	74,248	23,591	7,906	2,782	1,023
31.12.2045	222	4.84	184,459	29,984	-	1,588	-	-	152,887	71,551	16,021	65,315	19,764	6,323	2,128	750
31.12.2046	191	4.16	161,669	26,280	-	1,379	-	-	134,011	62,717	13,711	57,582	16,594	5,067	1,631	551
31.12.2047	164	3.57	141,476	22,997	-	1,195	-	-	117,284	54,889	12,646	49,749	13,654	3,980	1,225	397
31.12.2048	141	3.07	124,061	20,166	-	1,038	-	-	102,857	48,137	11,292	43,427	11,352	3,158	930	289
31.12.2049	121	2.63	108,377	17,617	-	898	-	-13,412	103,275	48,332	9,017	45,925	11,433	3,036	855	254
31.12.2050	104	2.26	94,968	15,437	-	779	-	-13,412	92,164	43,133	8,081	40,950	9,709	2,461	663	189
31.12.2051	96	2.09	89,499	14,548	-	727	-	-13,412	87,635	40,745	7,588	39,302	8,874	2,148	554	151
31.12.2052	123	2.67	116,671	18,965	-	23,332	-	14,222	60,153	28,151	10,296	21,705	4,668	1,078	266	70
31.12.2053	106	2.31	102,934	16,732	-	23,214	-	14,222	48,767	22,823	8,903	17,041	3,490	770	181	46
31.12.2054	18	0.39	17,504	2,845	-	22,531	-	14,222	-22,094	-	-	-22,094	-4,310	-907	-205	-49
31.12.2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Discounted Cash Flow from Probable Reserves as of December 31, 2020 (\$ in thsoudans in relation to the Company’s Share)																
Cash Flow Components																
Until	Condensate Sales Volume (barrels in thousands) (100% of the Petroleum Asset)	Sales Volume (BCM) (100% of the Petroleum Asset)	Revenues	Royalties to be Paid	Royalties to be Recived	Operation Costs	Development Costs ¹⁹	Abaddonment and Restoration Costs	Total Cash Flow before Levv and Income Tax (Discounted at 0%)	Taxes		Total Discounted Cash Flow after Tax				
										Levy	Income Tax	Discounted at 0%	Discounted at 5%	Discounted at 10%	Discounted at 15%	Discounted at 20%
31.12.2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	3,582	78.01	2,899,674	471,347	-	92,068	32,968	2,429	2,300,862	1,087,857	281,096	931,909	318,345	124,519	57,565	32,417

Total Discounted Cash Flow from 2P Reserves (Proved + Probable Reserves) as of December 31, 2020 (\$ in thousands in relation to the Company’s Share)																
Cash Flow Components																
Until	Condensate Sales Volume (barrels in thousands) (100% of the Petroleum Asset)	Sales Volume (BCM) (100% of the Petroleum Asset)	Revenues	Royalties to be Paid	Royalties to be Recived	Operation Costs	Development Costs	Ababdondment and Restoration Costs	Total Cash Flow before Levy and Income Tax (Discounted at 0%)	Taxes		Total Discounted Cash Flow after Tax				
										Levy	Income Tax	Discounted at 0%	Discounted at 5%	Discounted at 10%	Discounted at 15%	Discounted at 20%
31.12.2021	405	8.82	243,169	39,527	-	25,074	11,046	-	167,521	39,544	7,950	120,027	117,134	114,441	111,926	109,569
31.12.2022	388	8.46	233,310	37,925	-	24,296	5,035	-	166,055	49,615	4,875	111,564	103,691	96,702	90,465	84,870
31.12.2023	422	9.20	261,461	42,501	-	25,332	5,075	-	188,553	67,112	5,549	115,891	102,584	91,321	81,716	73,468
31.12.2024	428	9.33	263,942	42,904	-	25,380	-	-	195,657	80,421	2,712	112,524	94,860	80,606	68,992	59,444
31.12.2025	459	9.99	281,243	45,717	-	25,411	28,249	-	181,866	82,962	4,816	94,088	75,541	61,273	50,164	41,421
31.12.2026	466	10.14	284,729	46,283	-	25,443	31,792	-	181,211	84,807	3,133	93,271	71,319	55,219	43,242	34,218
31.12.2027	475	10.35	295,902	48,099	-	25,503	23,844	-	198,455	92,877	4,764	100,814	73,416	54,259	40,643	30,821
31.12.2028	504	10.98	316,482	51,445	-	25,621	-	-	239,417	112,047	14,801	112,569	78,073	55,077	39,463	28,679
31.12.2029	508	11.07	323,101	52,521	-	25,653	-	-	244,928	114,626	15,388	114,913	75,903	51,113	35,030	24,397
31.12.2030	511	11.12	330,378	53,704	-	25,685	-	-	250,989	117,463	16,082	117,445	73,881	47,490	31,132	20,778
31.12.2031	526	11.46	344,783	56,045	-	25,718	-	-	263,020	123,093	17,225	122,701	73,513	45,105	28,283	18,090
31.12.2032	535	11.65	355,552	57,796	-	25,752	-	-	272,005	127,298	18,337	126,370	72,105	42,231	25,329	15,526
31.12.2033	535	11.65	361,062	58,691	-	25,785	-	-	276,586	129,442	18,976	128,167	69,648	38,938	22,339	13,122
31.12.2034	535	11.65	366,666	59,602	-	25,819	-	-	281,245	131,623	19,661	129,962	67,261	35,893	19,697	11,088
31.12.2035	535	11.65	372,383	60,531	-	25,853	-	-	285,998	133,847	20,685	131,465	64,799	33,008	17,326	9,347
31.12.2036	535	11.65	378,213	61,479	-	25,888	32,968	-	257,878	120,687	27,542	109,649	51,472	25,028	12,566	6,497
31.12.2037	535	11.65	384,160	62,446	-	25,923	17,894	-	277,898	130,056	28,941	118,900	53,157	24,672	11,849	5,871
31.12.2038	535	11.65	390,226	63,432	-	25,958	32,968	-	267,868	125,362	32,863	109,643	46,684	20,683	9,501	4,511
31.12.2039	535	11.65	396,414	64,438	-	25,994	32,968	-	273,014	127,771	33,778	111,466	45,200	19,115	8,399	3,822
31.12.2040	535	11.65	402,725	65,464	-	26,030	-	-	311,232	145,656	30,857	134,719	52,028	21,002	8,827	3,849
31.12.2041	535	11.65	410,653	66,752	-	26,066	-	-	317,835	148,747	32,234	136,854	50,336	19,396	7,797	3,259
31.12.2042	514	11.20	402,567	65,438	-	25,960	-	-	311,169	145,627	31,892	133,650	46,816	17,220	6,622	2,652

Total Discounted Cash Flow from 2P Reserves (Proved + Probable Reserves) as of December 31, 2020 (\$ in thsousands in relation to the Company’s Share)																
Cash Flow Components																
Until	Condensate Sales Volume (barrels in thousands) (100% of the Petroleum Asset)	Sales Volume (BCM) (100% of the Petroleum Asset)	Revenues	Royalties to be Paid	Royalties to be Recived	Operation Costs	Development Costs	Ababdonment and Restoration Costs	Total Cash Flow before Levy and Income Tax (Discounted at 0%)	Taxes		Total Discounted Cash Flow after Tax				
										Levy	Income Tax	Discounted at 0%	Discounted at 5%	Discounted at 10%	Discounted at 15%	Discounted at 20%
31.12.2043	448	9.75	357,355	58,089	-	25,529	-	-	273,738	128,109	27,737	117,892	39,330	13,809	5,079	1,949
31.12.2044	387	8.44	315,440	51,275	-	25,135	-	-	239,030	111,866	23,857	103,307	32,823	11,000	3,870	1,424
31.12.2045	336	7.31	278,594	45,286	-	24,791	-	-	208,517	97,586	20,442	90,489	27,381	8,759	2,948	1,039
31.12.2046	291	6.33	246,001	39,988	-	24,491	-	-	181,522	84,952	17,429	79,141	22,807	6,964	2,242	757
31.12.2047	252	5.48	217,167	35,301	-	24,227	-	-	157,639	73,775	15,516	68,348	18,759	5,468	1,684	545
31.12.2048	218	4.75	191,951	31,202	-	23,999	-	-	136,751	63,999	13,594	59,158	15,463	4,302	1,267	393
31.12.2049	189	4.11	169,365	27,531	-	23,796	-	-	118,039	55,242	12,256	50,541	12,582	3,342	941	280
31.12.2050	163	3.56	149,596	24,317	-	23,621	-	-	101,659	47,576	10,848	43,234	10,250	2,599	700	200
31.12.2051	141	3.08	131,981	21,454	-	23,466	-	-	87,062	40,745	9,360	36,957	8,345	2,019	520	142
31.12.2052	123	2.67	116,671	18,965	-	23,332	-	14,222	60,153	28,151	10,296	21,705	4,668	1,078	266	70
31.12.2053	106	2.31	102,934	16,732	-	23,214	-	14,222	48,767	22,823	8,903	17,041	3,490	770	181	46
31.12.2054	18	0.39	17,504	2,845	-	22,531	-	14,222	-22,094	-	-	-22,094	-4,310	-907	-205	-49
31.12.2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.12.2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	13,626	296.80	9,693,684	1,575,725	-	852,274	221,840	42,665	7,001,179	3,185,510	563,299	3,252,369	1,751,010	1,108,994	790,800	612,094

[illegible]

Total Discounted Cash Flow from Possible Reserves as of December 31, 2020 (\$ in thousands in relation to the Company's Share)																
Cash Flow Components																
<u>Until</u>	<u>Condensate Sales Volume (barrels in thousands) (100% of the Petroleum Asset)</u>	<u>Sales Volume (BCM) (100% of the Petroleum Asset)</u>	<u>Revenues</u>	<u>Royalties to be Paid</u>	<u>Royalties to be Received</u>	<u>Operation Costs</u>	<u>Development Costs</u>	<u>Abandonment and Restoration Costs</u>	<u>Total Cash Flow before Levy and Income Tax (Discounted at 0%)</u>	<u>Taxes</u>		<u>Total Discounted Cash Flow after Tax</u>				
										<u>Levy</u>	<u>Income Tax</u>	<u>Discounted at 0%</u>	<u>Discounted at 5%</u>	<u>Discounted at 10%</u>	<u>Discounted at 15%</u>	<u>Discounted at 20%</u>
31.12.2042	21	0	16,173	2,629	-	143	-	-	13,401	6,272	1,640	5,490	1,923	707	272	109
31.12.2043	87	2	69,619	11,317	-	611	-	-	57,691	26,999	7,059	23,633	7,884	2,768	1,018	391
31.12.2044	147	3	119,947	19,498	-	1,043	-	-	99,406	46,522	12,163	40,721	12,938	4,336	1,526	561
31.12.2045	199	4	165,375	26,882	-	1,424	-	-	137,069	64,148	16,772	56,149	16,990	5,435	1,829	645
31.12.2046	244	5	206,721	33,603	-	1,763	-	-	171,355	80,194	20,967	70,194	20,229	6,177	1,988	672
31.12.2047	283	6	244,482	39,741	-	2,065	-	-	202,676	94,852	24,041	83,783	22,995	6,703	2,064	668
31.12.2048	317	7	278,805	45,320	-	2,332	-	-	231,152	108,179	27,872	95,101	24,859	6,916	2,037	632
31.12.2049	291	6	261,444	42,498	-	2,166	-	-	216,780	101,453	25,767	89,560	22,296	5,921	1,668	496
31.12.2050	286	6	261,543	42,514	-	2,146	-	-	216,882	101,501	26,115	89,267	21,164	5,365	1,446	412
31.12.2051	261	6	243,343	39,556	-	1,978	-	-	201,809	94,447	25,029	82,334	18,591	4,499	1,160	317
31.12.2052	219	5	208,824	33,945	-	1,681	-	-14,222	187,420	87,713	19,662	80,046	17,214	3,976	980	257
31.12.2053	197	4	191,257	31,089	-	1,525	-	-14,222	172,864	80,901	17,881	74,083	15,173	3,345	789	198
31.12.2054	259	6	256,557	41,704	-	2,026	-	-	212,827	89,263	26,274	97,290	18,977	3,994	901	217
31.12.2055	252	5	253,935	41,278	-	24,379	-	14,222	174,057	81,459	24,233	68,365	12,700	2,551	550	127
31.12.2056	145	3	149,414	24,287	-	23,550	-	14,222	87,354	40,882	13,624	32,848	5,812	1,114	230	51
Total	3,209	69.89	2,927,440	475,861	-	68,834	-	-	2,382,746	1,104,785	291,785	986,176	240,180	64,671	19,150	6,216

Total Discounted Cash Flow from 3P Reserves (Proved + Probable + Possible Reserves) as of December 31, 2020 (\$ in thsouands in relation to the Company’s Share)																
Cash Flow Copponents																
Until	Condensate Sales Volume (barrels in thousands) (100% of the Petroleum Asset)	Sales Volume (BCM) (100% of the Petroleum Asset)	Revenues	Royalties to be Paid	Royalties to be Recived	Operation Costs	Development Costs	Abaddonment and Restoration Costs	Total Cash Flow before Levy and Income Tax (Discounted at 0%)	Taxes		Total Discounted Cash Flow after Tax				
										Levy	Income Tax	Discounted at 0%	Discounted at 5%	Discounted at 10%	Discounted at 15%	Discounted at 20%
31.12.2021	405	8.82	243,169	39,527	0	25,074	11,046	0	167,521	39,544	7,950	120,027	117,134	114,441	111,926	109,569
31.12.2022	388	8.46	233,310	37,925	0	24,296	5,035	0	166,055	49,615	4,875	111,564	103,691	96,702	90,465	84,870
31.12.2023	422	9.20	261,461	42,501	0	25,332	5,075	0	188,553	67,112	5,549	115,891	102,584	91,321	81,716	73,468
31.12.2024	428	9.33	263,942	42,904	0	25,380	0	0	195,657	80,421	2,712	112,524	94,860	80,606	68,992	59,444
31.12.2025	459	9.99	281,243	45,717	0	25,411	28,249	0	181,866	82,962	4,816	94,088	75,541	61,273	50,164	41,421
31.12.2026	466	10.14	284,729	46,283	0	25,443	31,792	0	181,211	84,807	3,133	93,271	71,319	55,219	43,242	34,218
31.12.2027	475	10.35	295,902	48,099	0	25,503	23,844	0	198,455	92,877	4,764	100,814	73,416	54,259	40,643	30,821
31.12.2028	504	10.98	316,482	51,445	0	25,621	0	0	239,417	112,047	14,801	112,569	78,073	55,077	39,463	28,679
31.12.2029	508	11.07	323,101	52,521	0	25,653	0	0	244,928	114,626	15,388	114,913	75,903	51,113	35,030	24,397
31.12.2030	511	11.12	330,378	53,704	0	25,685	0	0	250,989	117,463	16,082	117,445	73,881	47,490	31,132	20,778
31.12.2031	526	11.46	344,783	56,045	0	25,718	0	0	263,020	123,093	17,225	122,701	73,513	45,105	28,283	18,090
31.12.2032	535	11.65	355,552	57,796	0	25,752	0	0	272,005	127,298	18,337	126,370	72,105	42,231	25,329	15,526
31.12.2033	535	11.65	361,062	58,691	0	25,785	0	0	276,586	129,442	18,976	128,167	69,648	38,938	22,339	13,122
31.12.2034	535	11.65	366,666	59,602	0	25,819	0	0	281,245	131,623	19,661	129,962	67,261	35,893	19,697	11,088
31.12.2035	535	11.65	372,383	60,531	0	25,853	0	0	285,998	133,847	20,685	131,465	64,799	33,008	17,326	9,347
31.12.2036	535	11.65	378,213	61,479	0	25,888	0	0	290,846	136,116	23,993	130,737	61,371	29,841	14,982	7,746
31.12.2037	535	11.65	384,160	62,446	0	25,923	32,968	0	262,824	123,001	31,322	108,500	48,507	22,514	10,812	5,357
31.12.2038	535	11.65	390,226	63,432	0	25,958	17,894	0	282,942	132,417	31,652	118,873	50,614	22,424	10,301	4,891
31.12.2039	535	11.65	396,414	64,438	0	25,994	32,968	0	273,014	127,771	34,536	110,708	44,893	18,985	8,342	3,796
31.12.2040	535	11.65	402,725	65,464	0	26,030	32,968	0	278,264	130,227	35,164	112,873	43,591	17,597	7,396	3,225

Total Discounted Cash Flow from 3P Reserves (Proved + Probable + Possible Reserves) as of December 31, 2020 (\$ in thousands in relation to the Company's Share)																
Cash Flow Copponents																
Until	Condensate Sales Volume (barrels in thousands) (100% of the Petroleum Asset)	Sales Volume (BCM) (100% of the Petroleum Asset)	Revenues	Royalties to be Paid	Royalties to be Recived	Operation Costs	Development Costs	Abaddonment and Restoration Costs	Total Cash Flow before Levy and Income Tax (Discounted at 0%)	Taxes		Total Discounted Cash Flow after Tax				
										Levy	Income Tax	Discounted at 0%	Discounted at 5%	Discounted at 10%	Discounted at 15%	Discounted at 20%
31.12.2041	535	11.65	410,653	66,752	0	26,066	0	0	317,835	148,747	32,234	136,854	50,336	19,396	7,797	3,259
31.12.2042	535	11.65	418,740	68,067	0	26,103	0	0	324,570	151,899	33,532	139,139	48,739	17,927	6,894	2,761
31.12.2043	535	11.65	426,974	69,405	0	26,140	0	0	331,429	155,109	34,796	141,524	47,214	16,577	6,097	2,340
31.12.2044	535	11.65	435,387	70,773	0	26,177	0	0	338,437	158,388	36,021	144,028	45,761	15,336	5,396	1,985
31.12.2045	535	11.65	443,968	72,168	0	26,215	0	0	345,585	161,734	37,214	146,637	44,372	14,195	4,777	1,684
31.12.2046	535	11.65	452,722	73,591	0	26,253	0	0	352,877	165,147	38,396	149,335	43,036	13,142	4,230	1,429
31.12.2047	535	11.65	461,650	75,042	0	26,292	0	0	360,316	168,628	39,557	152,131	41,754	12,171	3,747	1,213
31.12.2048	535	11.65	470,756	76,522	0	26,331	0	0	367,903	172,179	41,466	154,258	40,322	11,219	3,304	1,025
31.12.2049	480	10.45	430,810	70,029	0	25,962	0	0	334,818	156,695	38,022	140,101	34,878	9,263	2,609	776
31.12.2050	449	9.78	411,139	66,831	0	25,767	0	0	318,541	149,077	36,963	132,501	31,415	7,964	2,146	611
31.12.2051	402	8.76	375,324	61,010	0	25,444	0	0	288,871	135,192	34,389	119,291	26,936	6,518	1,680	459
31.12.2052	342	7.45	325,496	52,910	0	25,013	0	0	247,573	115,864	29,958	101,751	21,881	5,054	1,246	326
31.12.2053	303	6.60	294,191	47,821	0	24,739	0	0	221,631	103,723	26,784	91,124	18,663	4,115	970	243
31.12.2054	277	6.03	274,061	44,549	0	24,557	0	14,222	190,733	89,263	26,274	75,196	14,667	3,087	696	167
31.12.2055	252	5.48	253,935	41,278	0	24,379	0	14,222	174,057	81,459	24,233	68,365	12,700	2,551	550	127
31.12.2056	145	3.16	149,414	24,287	0	23,550	0	14,222	87,354	40,882	13,624	32,848	5,812	1,114	230	51
Total	16,835	366.69	12,621,124	2,051,586	-	921,108	221,840	42,665	9,383,925	4,290,295	855,085	4,238,545	1,991,190	1,173,665	809,949	618,310

Caution – It is clarified that discounted cash flow figures, whether calculated at a specific cap rate or without a cap rate, represent present value but do not necessarily represent fair value.

Caution regarding forward-looking information – the discounted cash flow figures as aforesaid are forward-looking information, within the meaning thereof in the Securities Law. The above figures are based on various assumptions including in relation to the quantities of gas and condensate that shall be produced, a forecast of demand for natural gas, the pace and duration of the natural gas sales from the project, operating costs, capital expenditures, abandonment expenses, rates of royalties and the sale prices, including with respect to the price adjustments according to the agreement with the IEC and the Export to Egypt Agreement, in respect of which there is no certainty that they will materialize. It is noted that the quantities of natural gas and/or condensate that shall actually be produced, the said expenses and the said income may be materially different from the above assumptions and estimates, *inter alia* as a result of the competition conditions prevailing in the market and/or operating and technical conditions and/or regulatory changes and/or supply and demand conditions in the domestic market and/or in the export markets of natural gas and/or condensate and/or the actual performance of the project and/or as a result of the actual sale prices and/or as a result of geopolitical changes that shall occur. It is further noted that the price adjustment rate on the price adjustment dates, as determined in the agreement with the IEC and the Export to Egypt Agreement, may be materially different to the Company's estimate, *inter alia* as a result of the natural gas prices in the domestic market in practice on the price adjustment dates, all according to the adjustment mechanisms, as determined in such agreements.

Set forth below is an analysis of sensitivity of the discounted cash flow to the main parameters comprising it (the gas price and the gas sales volume²⁰) as of December 31, 2020 (dollars in thousands) which was performed by the Company:

Sensitivity / Category	Present value discounted at 0%	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%	Sensitivity / Category	Present value discounted at 0%	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%
10% increase in gas price					10% decrease in gas price				
1P (Proved) Reserves	2,552,509	1,075,864	800,002	631,812	1P (Proved) Reserves	2,087,411	892,212	665,492	526,526
Probable Reserves	1,031,598	135,622	61,464	33,658	Probable Reserves	833,480	114,173	54,419	31,899
Total 2P (Proved+Probable) Reserves	3,584,107	1,211,486	861,467	665,470	Total 2P (Proved+Probable) Reserves	2,920,892	1,006,385	719,911	558,425
Possible Reserves	1,085,737	71,065	20,998	6,792	Possible Reserves	886,615	58,276	17,301	5,640
Total 3P (Proved+Probable+Possible) Reserves	4,669,844	1,282,552	882,465	672,262	Total 3P (Proved+Probable+Possible) Reserves	3,807,506	1,064,661	737,212	564,064
15% increase in gas price					15% decrease in gas price				
1P (Proved) Reserves	2,668,375	1,121,342	833,144	657,627	1P (Proved) Reserves	1,970,978	845,937	631,429	499,732
Probable Reserves	1,081,718	141,379	63,605	34,454	Probable Reserves	784,258	108,957	52,793	31,580
Total 2P (Proved+Probable) Reserves	3,750,093	1,262,720	896,750	692,081	Total 2P (Proved+Probable) Reserves	2,755,237	954,894	684,221	531,312
Possible Reserves	1,135,517	74,263	21,923	7,080	Possible Reserves	836,834	55,079	16,376	5,352
Total 3P	4,885,610	1,336,983	918,672	699,161	Total 3P	3,592,071	1,009,973	700,598	536,664

²⁰ Sensitivity to a change in the quantity of gas sold. It is emphasized that the said analyses do not take into account changes in the future investment plan, both in relation to increasing or decreasing the quantity.

Sensitivity / Category	Present value discounted at 0%	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%	Sensitivity / Category	Present value discounted at 0%	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%
(Proved+Probable+Possible) Reserves					(Proved+Probable+Possible) Reserves				
20% increase in gas price					20% decrease in gas price				
1P (Proved) Reserves	2,784,233	1,166,753	866,204	683,348	1P (Proved) Reserves	1,854,617	799,397	597,053	472,612
Probable Reserves	1,131,872	147,183	65,797	35,302	Probable Reserves	734,976	103,362	50,719	30,782
Total 2P (Proved+Probable) Reserves	3,916,105	1,313,936	932,001	718,650	Total 2P (Proved+Probable) Reserves	2,589,593	902,759	647,773	503,394
Possible Reserves	1,185,298	77,460	22,847	7,368	Possible Reserves	787,053	51,882	15,452	5,064
Total 3P (Proved+Probable+Possible) Reserves	5,101,403	1,391,396	954,848	726,018	Total 3P (Proved+Probable+Possible) Reserves	3,376,647	954,641	663,225	508,458

Sensitivity / Category	Present value discounted at 0%	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%	Sensitivity / Category	Present value discounted at 0%	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%
10% increase in gas sales volume					10% decrease in gas sales volume				
1P (Proved) Reserves	2,347,273	1,061,154	798,198	633,809	1P (Proved) Reserves	2,087,426	892,220	665,498	526,531
Probable Reserves	899,935	133,880	62,349	34,433	Probable Reserves	833,487	114,174	54,419	31,899
Total 2P (Proved+Probable) Reserves	3,247,208	1,195,034	860,547	668,242	Total 2P (Proved+Probable) Reserves	2,920,913	1,006,393	719,917	558,429
Possible Reserves	909,364	70,910	22,124	7,414	Possible Reserves	886,621	58,277	17,301	5,640

Sensitivity / Category	Present value discounted at 0%	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%	Sensitivity / Category	Present value discounted at 0%	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%
Total 3P (Proved+Probable+Possible) Reserves	4,156,572	1,265,944	882,670	675,656	Total 3P (Proved+Probable+Possible) Reserves	3,807,535	1,064,670	737,218	564,069
15% increase in gas sales volume					15% decrease in gas sales volume				
1P (Proved) Reserves	2,349,451	1,093,247	827,348	659,095	1P (Proved) Reserves	1,971,000	845,948	631,437	499,739
Probable Reserves	876,776	139,065	65,607	36,147	Probable Reserves	784,268	108,958	52,793	31,581
Total 2P (Proved+Probable) Reserves	3,226,226	1,232,312	892,955	695,242	Total 2P (Proved+Probable) Reserves	2,755,268	954,906	684,230	531,319
Possible Reserves	899,439	76,595	24,730	8,514	Possible Reserves	836,844	55,080	16,377	5,352
Total 3P (Proved+Probable+Possible) Reserves	4,125,665	1,308,907	917,685	703,755	Total 3P (Proved+Probable+Possible) Reserves	3,592,112	1,009,986	700,607	536,671
20% increase in gas sales volume					20% decrease in gas sales volume				
1P (Proved) Reserves	2,354,930	1,123,253	855,045	683,468	1P (Proved) Reserves	1,854,644	799,410	597,063	472,620
Probable Reserves	864,163	145,167	69,461	38,280	Probable Reserves	734,989	103,364	50,720	30,782
Total 2P (Proved+Probable) Reserves	3,219,092	1,268,419	924,506	721,748	Total 2P (Proved+Probable) Reserves	2,589,633	902,774	647,783	503,402
Possible Reserves	873,015	81,257	27,252	9,694	Possible Reserves	787,067	51,883	15,452	5,064
Total 3P (Proved+Probable+Possible) Reserves	4,092,107	1,349,677	951,757	731,442	Total 3P (Proved+Probable+Possible) Reserves	3,376,700	954,657	663,236	508,466

Set forth below is an analysis of sensitivity of the discounted cash flow to the main linkage components of the gas price according to the gas sale agreements in which the Tamar partners have engaged (the U.S. CPI and the Electricity Production Tariff) as of December 31, 2020 (dollars in thousands) which was performed by the Company²¹:

Sensitivity / Category	Present value discounted at 0%	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%	Sensitivity / Category	Total	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%
10% increase in the CPI forecast					10% decrease in the CPI forecast				
1P (Proved) Reserves	2,321,984	985,441	734,021	580,326	1P (Proved) Reserves	2,318,949	983,516	732,453	579,032
Probable Reserves	931,900	124,486	57,530	32,383	Probable Reserves	931,918	124,552	57,600	32,451
Total 2P (Proved+Probable) Reserves	3,253,884	1,109,927	791,551	612,708	Total 2P (Proved+Probable) Reserves	3,250,867	1,108,068	790,053	611,484
Possible Reserves	986,176	64,671	19,150	6,216	Possible Reserves	986,176	64,671	19,150	6,216
Total 3P (Proved+Probable+Possible) Reserves	4,240,059	1,174,598	810,701	618,924	Total 3P (Proved+Probable+Possible) Reserves	4,237,043	1,172,738	809,203	617,699
10% increase in the Electricity Production Tariff forecast					10% decrease in the Electricity Production Tariff forecast				
1P (Proved) Reserves	2,329,535	990,264	738,066	583,807	1P (Proved) Reserves	2,320,193	984,344	733,140	579,607
Probable Reserves	931,846	124,405	57,448	32,303	Probable Reserves	931,909	124,522	57,568	32,420
Total 2P (Proved+Probable) Reserves	3,261,381	1,114,669	795,515	616,110	Total 2P (Proved+Probable) Reserves	3,252,102	1,108,866	790,708	612,027
Possible Reserves	986,176	64,671	19,150	6,216	Possible Reserves	986,176	64,671	19,150	6,216
Total 3P	4,247,557	1,179,340	814,664	622,326	Total 3P	4,238,278	1,173,537	809,858	618,242

²¹ Although the Electricity Production Tariff is affected, *inter alia*, by the CPI, such effect was not taken into account in the sensitivity analysis in the table below.

(Proved+Probable+Possible) Reserves					(Proved+Probable+Possible) Reserves				
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Set forth below is an analysis of sensitivity of the discounted cash flow to the sale of quantities exceeding the minimum quantities (“take or pay”) according to the gas sale agreements in which the Company has engaged as of December 31, 2020 (dollars in thousands) which was performed by the Company:

Sensitivity / Category	Total	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%	Sensitivity / Category	Total	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%
10% increase in the gas sales volume in respect of quantities exceeding the “take or pay”					10% decrease in the gas sales volume in respect of quantities exceeding the “take or pay”				
1P (Proved) Reserves	2,342,078	1,025,472	764,360	603,091	1P (Proved) Reserves	2,149,469	934,152	701,332	557,809
Probable Reserves	920,349	133,150	61,839	34,314	Probable Reserves	833,233	113,413	53,625	31,120
Total 2P (Proved+Probable) Reserves	3,262,427	1,158,623	826,199	637,405	Total 2P (Proved+Probable) Reserves	2,982,702	1,047,564	754,957	588,929
Possible Reserves	916,978	69,314	21,392	7,116	Possible Reserves	886,822	58,291	17,305	5,641
Total 3P (Proved+Probable+Possible) Reserves	4,179,405	1,227,937	847,592	644,521	Total 3P (Proved+Probable+Possible) Reserves	3,869,525	1,105,855	772,262	594,570

Set forth below is an analysis of sensitivity of the discounted cash flow to the Brent barrel price as of December 31, 2020 (dollars in thousands) which was performed by the Company²²:

Sensitivity / Category	Present value discounted at 0%	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%	Sensitivity / Category	Present value discounted at 0%	Present value discounted at 10%	Present value discounted at 15%	Present value discounted at 20%
10% increase in the Brent forecast					10% decrease in the Brent forecast				
1P (Proved) Reserves	2,346,917	998,970	744,475	588,756	1P (Proved) Reserves	2,276,966	963,055	716,189	565,441
Probable Reserves	940,126	125,558	57,838	32,401	Probable Reserves	919,104	123,340	57,333	32,523
Total 2P (Proved+Probable) Reserves	3,287,043	1,124,528	802,313	621,157	Total 2P (Proved+Probable) Reserves	3,196,070	1,086,395	773,522	597,965
Possible Reserves	1,001,859	65,589	19,403	6,291	Possible Reserves	973,258	63,839	18,909	6,141
Total 3P (Proved+Probable+Possible) Reserves	4,288,901	1,190,118	821,716	627,449	Total 3P (Proved+Probable+Possible) Reserves	4,169,328	1,150,235	792,431	604,105

²² Includes the effect of the Brent Price on: (1) the prices of condensate and natural gas that are linked to the Brent Price, subject to the terms and conditions of the agreements; (2) the quantities in the Export to Egypt Agreement were updated as a function of the Brent Price in accordance with the Company's assumptions which are affected by the terms and conditions of the Export to Egypt Agreement (see Section 7.4.5(b) of Chapter A of the Periodic Report and Note 11F to the financial statements as of December 31, 2019). At the same time, in years in which there was a decrease/increase in the quantities in the Export to Egypt Agreement, a certain decrease/increase in the quantities sold in the domestic market was assumed, in accordance with the Company's assumptions of the possible effect of the decrease/increase in the gas quantities expected to be sold to Egypt in accordance with the existing agreements of the Tamar and Leviathan reservoirs on the increase in the natural gas supply. It is emphasized that in the sensitivity analysis, no adjustments were made to the operating expenses and investment forecasts in accordance with the changes in the sale quantities.

- a. Agreement between the report data and data of previous reports in respect of the quantity of reserves attributed to the petroleum asset

The main differences between the present Reserve Report and the Previous Reserve Report derive from the production of approx. 172 BCF of natural gas and approx. 225.5 thousand barrels of condensate which was performed in H2/2020.

- b. Production data

Set forth below are production data in the Tamar Project which are attributed to the Company in 2018-2020²³:

<u>Natural Gas</u> ²⁴				
		Y2018	Y2019	Y2020
Total output (100%) in the period (in MMCF)		363,951	368,710	291,337
Total output (attributed to the holders of the equity interests of the Company) in the period (in MMCF)		55,881	61,759	48,799
Average price per output unit (attributed to the holders of the equity interests of the Company) (dollars per MCF)		5.49	5.59	5.14
Average royalties (any payment derived from the output of the producing asset, including from the gross revenues from the petroleum asset) paid per output unit (attributed to the holders of the equity interests of the Company)	The State	0.61	0.64	0.58
	Third Parties	0.06	0.06	0.13
	Interested Parties	0.21	0.22	0.12 ²⁵

²³ It is noted that from the date of commencement of the natural gas flow from the Tamar project (i.e., March 30, 2013) to December 31, 2020, the total quantity of natural gas supplied to customers was approx. 69.2 BCM. It is further noted that the average daily production of natural gas in the past two years (January 1, 2019 to December 31, 2020) amounted to approx. 900 MMCF (0.9 BCF). Production data for 2020 are based on unaudited financial figures.

²⁴ The rate attributed to the holders of the equity interests of the Company in the output, royalties, production costs and net income was rounded off to two digits after the decimal point.

²⁵ As a result of the sale to third parties of the holdings of Delek Group Ltd. in Cohen Gas and Oil Development Ltd. (a royalty interest owner vis-à-vis the Company) ("**Cohen Development**"), which sale was carried out in April 2020, Cohen Development ceased to be an interested party in the Company as of such time. As a result of a special tender offer in respect of shares of Delek Royalties (2012) Ltd. (a royalty interest owner vis-à-vis the Company) ("**Delek Royalties**"), which was carried out in November 2020, Delek Group's holdings of Delek Royalties shares decreased, such that, as of such time, Delek Royalties ceased to be an interested party in the Company. The royalties paid to Cohen Development and to Delek Royalties after the date on which they ceased to be interested parties in the Company are included in royalties paid to third parties.

(dollars per MCF)				
Average production costs per output unit (attributed to the holders of the equity interests of the Company) (dollars per MCF)	0.39	0.46	0.40	
Average net income per output unit (attributed to the holders of the equity interests of the Company) (dollars per MCF)	4.22	4.21	3.91	
Oil and gas profit levy	-	-	-	
Average net income per output unit after the oil and gas profit levy (attributed to the holders of the equity interests of the Company) (dollars per MCF)	4.22	4.21	3.91	
Depletion rate in the reported period relative to the total gas quantities in the project (in %) ²⁶	3.29	3.31	2.70	

Condensate²⁷				
		Y2018	Y2019	Y2020
Total output (100%) in the period (in MMCF)		470.1	482.3	383
Total output (attributed to the holders of the equity interests of the Company) in the period (in barrels in thousands)		73.2	80.8	64.1
Average price per output unit (attributed to the holders of the equity interests of the Company) (dollars per barrel)		63.4	56.4	34.9
Average royalties (any payment derived from the output of the producing asset, including from the gross revenues from the petroleum asset) paid per output unit (attributed to the holders of the equity interests of the Company) (dollars per barrel)	The State	7.1	6.5	3.9
	Third Parties	0.7	0.6	0.9
	Interested Parties	2.3	2.2	0.8 ²⁸
Average production costs per output unit (attributed to the holders of the equity interests of the Company) (dollars per barrel)		2.1	2.5	2.2

²⁶ The depletion rate is the rate of natural gas produced in the relevant reporting period, out of the balance of proved and probable reserves as of the beginning of such reporting period or as of the production commencement date, whichever is later. Such depletion rate is calculated at the end of, rather than during, the year.

²⁷ The rate attributed to the holders of the equity interests of the Company in the output, royalties, production costs and net income was rounded off to one digit after the decimal point.

²⁸ See Footnote 25 above.

Average net income per output unit (attributed to the holders of the equity interests of the Company) (dollars per barrel)	51.2	44.6	27.1
Oil and gas profit levy	-	-	-
Average net income per output unit after the oil and gas profit levy (attributed to the holders of the equity interests of the Company) (dollars per barrel)	51.2	44.6	27.1
Depletion rate in the reported period relative to the total condensate quantities in the project (in %) ²⁹	3.3	3.3	2.7

²⁹ The quantity of condensate produced from the Tamar Project derives directly from the quantity of natural gas produced from the project.

c. Opinion of the evaluator

A reserve report for the Tamar Project (which includes the Tamar and Tamar SW reservoirs) prepared by NSAI as of December 31, 2020, and NSAI's consent to the inclusion thereof in this report, is attached hereto as Annex A.

d. Management declaration

- (1) Date of the declaration: March 4, 2021;
- (2) Name of the corporation: Tamar Petroleum Ltd.;
- (3) Name and position of the resource evaluation officer at the Company: Eitan Meir, Chairman of the Board;
- (4) We confirm that the evaluator was provided with all of the data required for performance of its work;
- (5) We confirm that no information has come to our attention which indicates the existence of dependency between the evaluator and the Company;
- (6) We confirm that, to the best of our knowledge, the resources reported are the best and most current estimates in our possession;
- (7) We confirm that the data included in this report were prepared according to the professional terms listed in Chapter G of the Third Schedule to the Securities Regulations (Details of the Prospectus and Draft Prospectus – Structure and Form), 5729-1969 and within the meaning afforded thereto in Petroleum Resources Management System (2018), as published by the SPE, the AAPG, the WPC and the SPEE, as being at the time of release of the report;
- (8) We confirm that no change has been made to the identity of the evaluator who performed the last contingent resource or reserve disclosure released by the Company;
- (9) We agree to the inclusion of the foregoing declaration in this report.

Eitan Meir, Chairman of the Board

The partners in the Tamar Project and their holding rates are as follows:

Noble Energy Mediterranean Ltd.	25.00%
Isramco Negev 2, Limited Partnership	28.75%
Delek Drilling – Limited Partnership	22.00%
Tamar Petroleum Ltd.	16.75%
Dor Gas Exploration – Limited Partnership	4.00%
Everest Infrastructures – Limited Partnership	3.50%

Sincerely,
Tamar Petroleum Ltd.

By Liami Vaisman, CEO
and Yuval Raikin, CFO