

# THIRD QUARTER REPORT FOR THE PERIOD ENDED 30 SEPTEMBER 2020

20 October 2020



ASX: OSH | ADR: OISHY | PNGX: OSH

	3Q 2020	2Q 2020	% CHANGE	3Q 2019	% CHANGE
Total production (mmbœ)	7.30	7.29	+0.1%	6.81	+7.2%
Total sales (mmbœ)	7.55	6.79	+11.2%	6.47	+16.7%
Total revenue (US\$m)	189.0	266.2	-29.0%	361.1	-47.6%

## HIGHLIGHTS

- Sustained outperformance of PNG LNG, which operated at an annualised rate of 8.9 MTPA during the quarter and delivering the highest first nine months of production since the project commenced in 2014.
- 2020 capital investment guidance lowered to US\$390 – 460 million (from US\$440 – 530 million), following further reductions in exploration activities and rephasing of FEED activities in Alaska.
- Optimisation studies targeting material initial development capital reduction and lower breakeven of the Pikka Unit Development are nearing completion, with details to be provided at the Strategy Day on Thursday 19 November 2020.
- Capital prioritisation and sustainable cost reduction programs are being actively coordinated and rolled out across the Company, consistent with the previously issued revised full year unit production costs guidance of between US\$9.50 – 10.50/boe. Aside from one-off major maintenance programs planned in 2021, ongoing cost management and efficiency programs are being prepared to ensure the sustainability of the reduced cost base going forward.

## COMMENTS FROM THE MANAGING DIRECTOR, DR KEIRAN WULFF:

*“During the quarter, Oil Search continued to operate under strict COVIDSafe protocols while preparing the business for the ongoing impacts of the pandemic. Our field-based workforce remains within strict quarantine zones to minimise the risk of transmission across business-critical field teams. The health and safety of our staff, contractors and the communities where the Company operates remains a key priority for Oil Search. Importantly, no COVID-19 cases have been reported within our PNG operations, which highlights the successful efforts of the team and the PNG LNG operator in maintaining safe and reliable operations.*

*Despite the challenging environment, the Company’s safety performance was outstanding across all areas of operations. The ExxonMobil-operated PNG LNG Project continued to perform well ahead of expectations, producing at record levels of 8.8 MTPA on average for the first nine months of the year. This included 6.55 mmbœ from the PNG LNG Project, which produced at an annualised rate of 8.9 MTPA during the quarter. Our operated oil assets were slightly impacted by some unplanned downtime at the Kutubu Processing Facility and Agogo Production Facility and scheduled maintenance at the Gobe Production Facility. Operated production remains affected by the shut-in of the Hides Gas-to-Electricity operation following the temporary closure of the Barrick-operated Porgera Gold mine. Negotiations between the PNG Government and Barrick surrounding the restart of mining operations have reportedly recommenced.*

*Discussions are also ongoing between all parties on progressing LNG expansion opportunities in PNG. This coincides with a strengthening in demand and a potential improvement in the LNG price outlook, despite the COVID-19 impact on global energy and LNG demand pushing back the demand window to around 2027.*

*In addition to the strong production performance, the cost reduction and operational excellence programs in PNG and across the Company are now being embedded. Further work is being done on third-party spend, supply chain and operational efficiencies to ensure cost reductions are sustainable, with a focus on continuous improvement and performance. To ensure the continued focus on capital prioritisation and discipline across the Company, the formation of the oversight “Pathfinder” team is well advanced. Pathfinder will be supported by Dupont to drive optimal performance and resilience across all areas of the operations. With the substantial reorganisation undertaken by the Company in mid-year, it has been very pleasing to see the commitment to the efficiency and cost reduction programs being adopted and pursued across the business.*

*Despite improved oil prices during the quarter, the impact of the two-to-three month lag on LNG contract pricing and a higher portion of LNG spot sales has resulted in a 29% fall in revenue. The Company’s liquidity position remained robust, with US\$1.65 billion of cash and undrawn bank credit lines available at 30 September. Oil prices have since recovered from lows within the US\$20/bbl range in the second quarter to above US\$40 in the third quarter, which will rebase the LNG contract prices going forward. In addition, North Asian LNG spot prices have recovered materially from the lows of below US\$2.00/mmBtu to above US\$6.00/mmBtu currently, with demand improving as the northern hemisphere enters the winter period.*

*The Oil Search Alaska team, in cooperation with our key stakeholders, has continued to make excellent progress on the value and capital optimisation studies for the Pikka Unit Development, which is being redesigned as a phased development. This will deliver increased capital efficiency, a materially lower upfront capital commitment and a significant reduction in the project breakeven cost of supply. These changes will make the project resilient at lower oil prices and easier to finance, whilst ensuring the project can be expanded efficiently without compromising full value. The initial phase of development will support the funding of subsequent expansion. In support of the lower cost development plan, the summer work program was successfully completed, involving the final works on the laying of gravel infrastructure which now allows for year round access to the drill pad and facilities pad and materially reduces costs and enhances efficiencies.*

*A primary focus during the third quarter has centred around finalising the longer-term strategy for our business, taking into consideration the global economic and investment conditions and trends, as well as ensuring the Company is resilient to lower oil prices and well positioned to optimally take advantage of its world class assets and deliver full value when conditions allow. I look forward to presenting the outcome of the wide-ranging Strategic Review to the market at the Oil Search Strategy Day on November 19.”*

## PRODUCTION AND SALES<sup>1</sup>

	QUARTER END			YEAR TO DATE		FULL YEAR
	SEPT 2020	JUN 2020	SEPT 2019	SEPT 2020	SEPT 2019	DEC 2019
PNG LNG Project ('000 boe) <sup>2</sup>	6,554	6,396	6,170	19,303	18,699	24,994
PNG oil production ('000 bbls)	681	735	302	2,061	1,234	1,571
Other production ('000 boe) <sup>3</sup>	70	155	338	598	1,008	1,382
<b>Total production ('000 boe)<sup>4</sup></b>	<b>7,305</b>	<b>7,286</b>	<b>6,810</b>	<b>21,963</b>	<b>20,941</b>	<b>27,947</b>
<b>Total sales ('000 boe)</b>	<b>7,546</b>	<b>6,786</b>	<b>6,471</b>	<b>21,206</b>	<b>19,865</b>	<b>27,785</b>

## REVENUE<sup>1</sup>

	QUARTER END			YEAR TO DATE		FULL YEAR
	SEPT 2020	JUN 2020	SEPT 2019	SEPT 2020	SEPT 2019	DEC 2019
LNG and gas sales (US\$m) <sup>5</sup>	133.2	229.6	293.1	656.4	909.9	1,246.3
Oil and condensate sales (US\$m)	50.2	28.4	58.0	136.2	196.3	295.5
Other revenue <sup>6</sup> (US\$m)	5.6	8.2	10.1	22.1	31.8	42.9
<b>Total operating revenue (US\$m)</b>	<b>189.0</b>	<b>266.2</b>	<b>361.1</b>	<b>814.6</b>	<b>1,138.0</b>	<b>1,584.8</b>
Average realised oil and condensate price (US\$ per bbl) <sup>7</sup>	36.52	23.05	59.54	36.13	63.46	62.86
Average realised LNG and gas price (US\$ per mmBtu)	4.23 <sup>8</sup>	7.34	9.44	6.66	9.63	9.58

## FINANCIAL DATA<sup>1</sup>

	QUARTER END			YEAR TO DATE		FULL YEAR
	SEPT 2020	JUN 2020	SEPT 2019	SEPT 2020	SEPT 2019	DEC 2019
Cash (US\$m)	752.7	831.4	547.3	752.7	547.3	396.2
Debt (US\$m) <sup>9</sup>						
PNG LNG financing	2,803.5	2,803.5	3,119.3	2,803.5	3,119.3	2,939.4
Corporate facilities	300.0	360.0	470.0	300.0	470.0	440.0
<b>Net debt (US\$m)</b>	<b>2,350.8</b>	<b>2,332.1</b>	<b>3,042.0</b>	<b>2,350.8</b>	<b>3,042.0</b>	<b>2,983.2</b>

- Numbers may not add due to rounding.
- Production net of fuel, flare, shrinkage and SE Gobe wet gas.
- SE Gobe gas sold to PNG LNG, Hides GTE gas and liquids.
- Gas and LNG volumes have been converted to barrels of oil equivalent using an Oil Search specific conversion factor of 5,100 scf = 1 boe, which represents a weighted average, based on Oil Search's reserves portfolio, using the actual calorific value of each gas volume at its point of sale. Minor variations to the conversion factors may occur over time.
- Includes LNG provisional price adjustment.
- Other revenue consists largely of rig lease income, infrastructure tariffs and electricity, refinery and naphtha sales.
- Average realised price for Kutubu Blend including PNG LNG condensate.
- Excludes LNG provisional price adjustment of US\$14 million relating to seven cargoes delivered during the second quarter.
- Excludes lease liabilities recorded as borrowings. As at 30 September 2020, the Company's corporate facilities totalled US\$1.2 billion, of which US\$300 million had been drawn down and US\$4.4 million had been utilised for letters of credit.

## 2020 THIRD QUARTER SUMMARY

**Production:** Total production for the third quarter of 2020 increased slightly to 7.30 million barrels of oil equivalent (mmboe). This included 6.55 mmboe from the PNG LNG Project, which produced at an annualised rate of 8.9 MTPA during the quarter, and 0.75 mmboe from Oil Search-operated assets. Oil production declined 7% to 0.68 mmbbls, while production from the Hides Gas-to-Electricity (GTE) Project remained suspended, following the cessation of mining and minerals processing at the Porgera gold mine in April 2020. Total production for the first three quarters of 2020, net to Oil Search, was 21.96 mmboe, up 5% on the same period in 2019.

**Sales:** Total hydrocarbon sales for the quarter were 7.55 mmboe, 11% higher than the second quarter of 2020. Total revenue generated from hydrocarbons declined 29% to US\$189.0 million. The lower revenue was due to a large reduction in the average realised LNG and gas price, impacted by the two-to-three month oil price lag on LNG contract prices, a higher proportion of LNG sold on the spot market and a US\$14 million negative revenue adjustment relating to the final price determinations for seven delivered ex ship (DES) cargoes delivered during the second quarter, with pricing finalised during the third quarter. Other revenue, comprising rig lease income, infrastructure tariffs, electricity, refinery and naphtha sales, fell 32% to US\$5.6 million.

**Pricing:** The average oil and condensate price realised during the third quarter was US\$36.52 per barrel, up 58% on the prior quarter. The average realised LNG and gas price fell 42% to US\$4.23 per million British thermal units (mmBtu), due to the two-to-three month oil price lag, capturing the oil price weakness in April and May 2020 flowing through to LNG contract prices and an increased portion of spot market sales volumes at historically low North Asian prices.

**Liquidity:** At 30 September 2020, Oil Search had liquidity of US\$1.65 billion, comprising US\$752.7 million in cash and US\$895.6 million in undrawn credit facilities. During the quarter, the Company repaid US\$60.0 million under its revolving credit facilities.

**LNG expansion:** Discussions continued between the PRL 3 (P'nyang) operator ExxonMobil and the PNG Government with the objective of securing fair and balanced fiscal terms on the P'nyang Gas Agreement. Internal analysis carried out by Oil Search during the quarter, utilising independent data and discussions with potential customers, assessed the impact of COVID-19 on future LNG demand, resulting in a view that the supply gap anticipated for the mid-2020s has been deferred by a few years.

**Pikka Unit Development, Alaska:** Oil Search made significant progress in finalising the optimisation studies for the Pikka Unit Development. The Company is now focused on developing the resource through a phased approach, expected to be delivered with materially lower breakeven economics and upfront capital costs. This plan will establish a strong foundation for the development of the Pikka Unit resources and prospective nearby acreage. The Company plans to announce the full outcome of the studies and the revised development plan at the Strategy Day on November 19.

**Coronavirus Update:** Oil Search established a business continuity team in August, focusing on supporting the existing initiatives to mitigate key risks to personnel and maintaining operating performance through an extended period of COVID-19 related restrictions, as well as ensuring the Company continues to pursue all avenues to protect the continuity of operations. This included, in consultation with medical teams, investigating enhanced COVID-19 testing protocols to enable quarantine periods to be reduced. The PNG field workforce remains in strict quarantine zones in order to reduce any risk to Oil Search and PNG LNG's operations. In addition to the COVID-19 transmission prevention practices and procedures established during the initial response phase, Oil Search Alaskan operations have implemented a weekly COVID-19 testing protocol and mandated a negative COVID-19 test prior to personnel being approved for travel to the North Slope. These additional measures minimised the potential spread of COVID-19 and maintained the health, safety and wellbeing of the workforce during our summer works campaign on the North Slope.

## 2020 GUIDANCE

### 2020 FULL YEAR GUIDANCE (SUBJECT TO UNFORESEEN COVID-19 IMPACTS)

	PREVIOUS GUIDANCE (AUGUST 2020)	CURRENT GUIDANCE (OCTOBER 2020)
<b>Operating costs</b>		
Unit production costs (US\$/boe)	9.50 – 10.50	9.50 – 10.50
Other operating costs (US\$ million)	110 – 130	90 – 110
Depreciation and amortisation (US\$/boe)	12.00 – 13.00	12.00 – 13.00
<b>Investment expenditure</b>		
Production expenditure (PNG) (US\$m)	55 - 65	45 - 55
<i>PNG development</i>	25 – 35	40 – 50
<i>Alaska development</i>	110 – 130	95 – 105
<b>Development (US\$m)</b>	<b>135 – 165</b>	<b>135 – 155</b>
<i>PNG exploration and evaluation</i>	70 – 80	55 – 65
<i>Alaska exploration and evaluation</i>	150 – 170	130 – 145
<b>Exploration and evaluation (US\$m)</b>	<b>220 – 250</b>	<b>185 – 210</b>
Other plant and equipment (US\$m)	25 – 35	20 – 30
Power (US\$m)	5 – 15	5 – 10
<b>Total (US\$m)</b>	<b>440 – 530</b>	<b>390 - 460</b>

Oil Search's 2020 production and unit production cost guidance remain unchanged.

Other operating costs in 2020 are forecast to be between US\$90 – 110 million, lower than the previous guidance, due to reduced hydrocarbon purchases from Hides GTE and cost reduction initiatives.

Oil Search's full year 2020 investment expenditure guidance has been reduced to US\$390 - 460 million due to:

- Lower capital expenditure in Alaska following the rephasing of FEED entry for the Pikka Development early works cost savings; and
- Reduced PNG exploration activities, in line with the Company's focus on disciplined capital allocation

## PAPUA NEW GUINEA

### PRODUCTION<sup>1,6</sup>

	QUARTER END			YEAR TO DATE		FULL YEAR
	SEPT 2020	JUN 2020	SEPT 2019	SEPT 2020	SEPT 2019	2019
<b>PNG LNG Project production<sup>2</sup></b>						
LNG (mmscf)	29,143	28,427	27,336	85,852	82,797	110,768
Gas to power (mmscf)	134	130	166	356	461	598
Domestic gas (mmscf)	166	173	-	461	-	-
Condensate ('000 bbls)	698	686	703	2,077	2,142	2,852
Naphtha ('000 bbls)	83	77	75	233	231	305
<b>Total PNG LNG Project Production ('000 boe)<sup>3</sup></b>	<b>6,554</b>	<b>6,396</b>	<b>6,170</b>	<b>19,304</b>	<b>18,699</b>	<b>24,994</b>
<b>Oil Search-operated production</b>						
<b>Oil production ('000 bbls)</b>						
Kutubu	390	440	289	1,261	1,075	1,392
Moran	286	286	2	774	123	132
Gobe Main	2	3	3	7	10	13
SE Gobe	4	7	7	19	26	33
<b>Total oil production ('000 bbls)</b>	<b>681</b>	<b>735</b>	<b>302</b>	<b>2,061</b>	<b>1,234</b>	<b>1,571</b>
<b>Hides GTE<sup>4</sup></b>						
Sales gas (mmscf)	-	369	1,336	1,804	3,712	5,088
Liquids ('000 bbls)	-	6	25	31	71	96
SE Gobe gas to PNG LNG (mmscf) <sup>5</sup>	355	391	258	1,086	1,067	1,470
<b>Total operated production ('000 boe)</b>	<b>751</b>	<b>890</b>	<b>640</b>	<b>2,659</b>	<b>2,242</b>	<b>2,953</b>
<b>Total production ('000 boe)<sup>3</sup></b>	<b>7,305</b>	<b>7,286</b>	<b>6,810</b>	<b>21,963</b>	<b>20,941</b>	<b>27,947</b>

1. Numbers may not add due to rounding and are net to Oil Search.

2. Production net of fuel, flare, shrinkage and SE Gobe wet gas.

3. Gas and LNG volumes have been converted to barrels of oil equivalent using an Oil Search specific conversion factor of 5,100 scf = 1 boe, which represents a weighted average, based on Oil Search's reserves portfolio, using the actual calorific value of each gas volume at its point of sale. Minor variations to the conversion factors may occur over time.

4. Hides GTE production is reported on a 100% basis for gas and associated liquids purchased by the Hides (GTE) Project Participant (Oil Search 100%) for processing and sale to the Porgera power station. Sales gas volumes are inclusive of approximately 2% unrecovered process gas.

5. SE Gobe wet gas reported at inlet to plant, inclusive of fuel, flare and naphtha.

6. Field volumes differ from those reported in the second quarter report due to a minor revision in the allocation between fields.

Total third quarter production from the PNG LNG Project, net to Oil Search, was 6.55 mmmboe, representing an annualised production rate of 8.9 MTPA, the second highest annualised quarterly production rate on record, and up from 8.8 MTPA in the prior quarter.

The PNG LNG Project supplied 573 mmscf (net contribution by Oil Search of 166 mmscf, excluding third party purchases) of gas to the 58-megawatt Port Moresby gas-fired power station, operated by NiuPower Ltd, 4% lower than the second quarter.

Net production from the Oil Search-operated PNG oil assets was 0.68 mmmboe, 7% below the previous quarter due to unplanned downtime at both the Kutubu Central Processing Facility (CPF) and Agogo Production Facility, resulting from issues with a CPF Stabiliser. The Gobe Production Facility was also offline for a short period to conduct routine maintenance.

During the quarter, Oil Search continued remediation activities on the NW Moran field, which has been offline since the Highlands earthquake halted production in early 2018. Construction work has been completed on the new flowlines and activities have now commenced on the first phase of remediation for the wells and the wellpad surface facilities. Production remains on track to recommence in the first quarter of 2021.

Hides GTE remained offline during the quarter following the shut-in at the end of April resulting from the suspension of mining and minerals processing operations at the Porgera gold mine, operated by Barrick (Niugini) Limited.

## SALES<sup>1</sup>

	QUARTER END			YEAR TO DATE		FULL YEAR
	SEPT 2020	JUN 2020	SEPT 2019	SEPT 2020	SEPT 2019	2019
<b>PNG LNG Project sales</b>						
LNG (Billion Btu)	34,735	30,648	29,595	96,000	90,547	124,589
Domestic gas (Billion Btu)	148	252	-	551	-	-
Condensate ('000 bbls)	663	600	602	1,866	1,828	2,913
Naphtha ('000 bbls)	80	93	64	237	250	343
<b>Total PNG LNG Project Sales ('000 boe)<sup>2</sup></b>	<b>6,834</b>	<b>6,083</b>	<b>5,837</b>	<b>18,950</b>	<b>17,867</b>	<b>24,933</b>
<b>Oil Sales ('000 bbls)</b>	<b>713</b>	<b>622</b>	<b>358</b>	<b>1,880</b>	<b>1,228</b>	<b>1,723</b>
<b>Hides GTE</b>						
Gas (Billion Btu) <sup>3</sup>	-	397	1,434	1,941	3,982	5,460
Liquids ('000 bbls)	-	10	22	32	65	103
<b>Total oil and GTE sales ('000 boe)</b>	<b>713</b>	<b>703</b>	<b>634</b>	<b>2,256</b>	<b>1,998</b>	<b>2,793</b>
<b>Total sales ('000 boe)<sup>2</sup></b>	<b>7,546</b>	<b>6,786</b>	<b>6,471</b>	<b>21,206</b>	<b>19,865</b>	<b>27,785</b>

1. Numbers may not add due to rounding.

2. Gas and LNG volumes have been converted to barrels of oil equivalent using an Oil Search specific conversion factor of 5,100 scf = 1 boe, which represents a weighted average, based on Oil Search's reserves portfolio, using the actual calorific value of each gas volume at its point of sale. Minor variations to the conversion factors may occur over time relating to gas delivered under the Hides GTE Gas Sales Agreement.

3. Relates to refined products delivered under the Hides GTE Gas Sales Agreement or sold in the domestic market and condensate.

31 LNG cargoes were delivered to customers during the third quarter (compared to 27 in the second quarter), comprising 23 cargoes sold under contract (including six under mid-term sale and purchase agreements) and eight on the spot market. Two DES cargoes were on the water at the end of the period, compared to four DES cargoes on the water at the end of the second quarter. Three naphtha cargoes were delivered during the quarter, the same as in the prior quarter. Four full Kutubu Blend cargoes were sold during the quarter, compared to three full cargoes and one partial cargo in the prior period.

## LNG EXPANSION ACTIVITIES

During the quarter, the PRL 3 (P'nyang) operator, ExxonMobil, continued discussions with the PNG Government aimed at agreeing fair and balanced fiscal terms for the proposed P'nyang Gas Agreement. Discussions between the parties

remain ongoing and are likely to take into consideration the changing macroeconomic environment caused by COVID-19. An internal analysis undertaken by Oil Search, utilising third-party datasets and discussions with potential buyers, highlighted that the rebalance of supply and demand in the LNG market is likely to have been deferred by a few years.

## EXPLORATION AND EVALUATION

Due to the challenging market conditions and a disciplined approach to capital allocation, Oil Search has continued to minimise exploration activities and review its exploration portfolio in PNG. No exploration operations occurred during the third quarter. Technical and commercial assessment of opportunities within the portfolio continues.

## NORTH SLOPE, ALASKA, USA

### EXPLORATION AND EVALUATION

During the quarter, Oil Search continued to evaluate the results of the Mitquq and Stirrup discoveries, drilled earlier in the year. In combination with the latest seismic data, the results have provided an improved understanding of the geology and potential productivity of the Nanushuk play.

Further appraisal drilling of the Mitquq and Stirrup trends will be required to confirm the size and extent of these discoveries, with results to date continuing to support the potential development of Mitquq as a satellite to Pikka and Stirrup as a potential stand-alone development. As the Company remains committed to reducing discretionary capital expenditure and prioritising the direction of capital towards commercialising existing discovered resource, further exploration activities are not expected to occur until market conditions improve and only if there are near term high value commercialisation options.

### DEVELOPMENT ACTIVITIES

During the third quarter, Oil Search completed the summer works program, including final preparations of the newly installed gravel infrastructure. The completion of the road, bridge and pads is expected to significantly reduce future mobilisation costs and provide flexibility to progress the project in a prompt manner once a Final Investment Decision is reached, currently forecast for the end of 2021. All summer program personnel have been demobilised from the North Slope.

Oil Search continued to progress value engineering and optimisation studies of the Pikka Unit Development following the deferral of a Final Investment Decision earlier in the year. The studies remain focused on materially reducing upfront capital investment and the breakeven of the project to ensure it is economically robust across a wide range of potential oil price outcomes.

The revised development plan will be based on a phased approach, which will improve capital efficiency and lower upfront costs. The first development phase will produce from a single drill site, leveraging the recently installed gravel road and pads, with subsequent phases producing from additional planned drill sites. This approach aims to enhance the commerciality of the project at lower oil prices and allow the Company to support future expansion phases through cash flows generated from the first phase, delivering significant economic benefits to the State of Alaska and local communities.

Oil Search expects to complete the optimisation studies shortly, with key findings announced at the Company's Strategy Day on Thursday November 19, 2020.



**SUMMARY OF EXPENDITURE<sup>1</sup>**

	QUARTER END			YEAR TO DATE		FULL YEAR
	SEPT 2020	JUN 2020	SEPT 2019	SEPT 2020	SEPT 2019	2019
<b>Investment Expenditure (US\$m)</b>						
<b>Exploration &amp; Evaluation</b>						
PNG	1.7	17.8	26.0	48.2	105.0	159.9
USA	10.3	21.3	27.3	121.1	478.4 <sup>4</sup>	539.8 <sup>4</sup>
MENA	-	-	0.1	-	0.3	0.3
<b>Total Exploration &amp; Evaluation</b>	<b>12.0</b>	<b>39.1</b>	<b>53.4</b>	<b>169.3</b>	<b>583.7</b>	<b>700.0</b>
<b>Development</b>						
PNG LNG	5.2	11.1	13.2	32.6	24.1	45.0
Pikka Unit Development	9.4	20.9	2.6	99.2	6.8	8.8
<b>Total Development</b>	<b>14.7</b>	<b>32.0</b>	<b>15.8</b>	<b>131.9</b>	<b>30.9</b>	<b>53.8</b>
Production	6.1	14.8	32.2	32.5	59.9	81.0
PP&E	4.7	4.8	8.5	18.8	21.0	35.8
Biomass	2.0	1.9	-	5.7	-	-
<b>Total</b>	<b>39.5</b>	<b>92.6</b>	<b>109.9</b>	<b>358.2</b>	<b>695.5</b>	<b>870.7</b>
<b>Exploration &amp; Evaluation Expenditure Expensed<sup>2,3</sup></b>						
PNG	(1.0)	13.0	6.6	32.4	22.3	24.4
USA	2.1	2.9	5.4	35.9	14.1	22.5
MENA	-	-	0.1	-	0.2	0.3
Total current year expenditures expensed	1.1	16.0	12.0	68.3	36.6	47.2
Prior year expenditures expensed	-	-	-	27.2	-	-
<b>Total</b>	<b>1.1</b>	<b>16.0</b>	<b>12.0</b>	<b>95.4</b>	<b>36.6</b>	<b>47.2</b>

1. Numbers may not add due to rounding.

2. Exploration costs expensed includes unsuccessful wells, exploration seismic and certain costs related to administration costs and geological and geophysical activities. Costs related to permit acquisitions, the drilling of wells that have resulted in a successful discovery of potentially economically recoverable hydrocarbons and appraisal and evaluation of discovered resources are capitalised.

3. Numbers do not include expensed business development costs of US\$0.2 million in the third quarter of 2020 (US\$0.3 million in the second quarter of 2020).

4. Includes US\$450 million Alaska acquisition costs on exercising the Armstrong / GMT Option, net of US\$70.5 million farm-down proceeds.

## **GAS/LNG GLOSSARY AND CONVERSION FACTORS USED<sup>1,2</sup>**

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mmscf	Million (10 <sup>6</sup> ) standard cubic feet
mmBtu	Million (10 <sup>6</sup> ) British thermal units
Billion Btu	Billion (10 <sup>9</sup> ) British thermal units
MTPA (LNG)	Million tonnes per annum
Boe	Barrel of oil equivalent
1 mmscf LNG	Approximately 1.10 - 1.14 billion Btu
1 boe	Approximately 5,100 standard cubic feet
1 tonne LNG	Approximately 52 mmBtu

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1. *Minor variations in conversion factors may occur over time, due to changes in gas composition.*
2. *Conversion factors used for forecasting purposes only.*

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*This ASX announcement was authorised for release by the Oil Search Board of Directors*

## **DISCLAIMER**

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This report contains some forward-looking statements which are subject to particular risks associated with the oil and gas industry. Actual outcomes could differ materially due to a range of operational, cost and revenue factors and uncertainties including oil and gas prices, changes in market demand for oil and gas, currency fluctuations, drilling results, field performance, the timing of well workovers and field development, reserves depletion and fiscal and other government issues and approvals.