



ASX Release
28 October 2021

3D Oil Limited
Level 18, 41 Exhibition Street
Melbourne VIC 3000
Tel: +61 3 9650 9866
Fax: +61 3 9639 1960
www.3doil.com.au

3D Oil Limited

QUARTERLY ACTIVITIES REPORT FOR THE THREE MONTHS ENDED 30 SEPTEMBER 2021

Highlights for the quarter include:

- **T/49P (Otway Basin):**
 - ConocoPhillips Australia (COPA), as operator, commences acquisition of the Sequoia 3D MSS.
- **VIC/P74 (Gippsland Basin):**
 - TDO releases update to prospective resources estimates based on the delineation of the Emperor Subgroup play at Megatooth and Oarfish leads.
 - Oarfish is now the largest un-risked gas target in VIC/P74 with a combined best estimate prospective resource of 544 Bcf gas.
- **WA/527P (Roebuck Basin):**
 - CGG proposes to undertake the Sauropod 3D MSS as a multi-client survey and completes public comment period for the revised Sauropod 3D Environment Plan.
 - Negotiations with potential seismic vessel operators are underway
- **New Ventures:**
 - TDO Application in the June round of the Australian offshore gazettal progresses to Joint Authority for Decision.

3D Oil Limited (ASX: TDO, “3D Oil” or “the Company”) is pleased to provide an update to its activities for the quarter ending 30 September 2021.

Exploration

T/49P, Otway Basin, offshore Tasmania

3D Oil holds 20% interest in the T/49P exploration permit, which covers 4,960km² of the strategic offshore Otway Basin. The permit is located adjacent to the producing Thylacine and Geographe gas fields (Operated by Beach Energy Limited (ASX: BPT)). ConocoPhillips Australia SH1 Pty Ltd (“COPA”) holds 80% interest in the permit and is Operator on behalf of the Joint Venture.

Sequoia 3D Marine Seismic Survey (MSS)

As per the Farm out Agreement (“FOA”), COPA has committed to acquire the Sequoia 3D Marine Seismic Survey (MSS) over a minimum area of 1580 km² within the Permit, with TDO to make no financial contribution (TDO ASX Announcement, 18 Dec 2019). The maximum full-fold acquisition area approved in the Environmental Plan is much larger than the minimum commitment at approximately 2500km². Shearwater’s vessel the Geo Coral is contracted to acquire the survey.

Over the quarter, the Environmental Plan for the Sequoia 3D MSS submitted by ConocoPhillips Australia was accepted by NOPSEMA (National Offshore Petroleum Safety and Environmental Management Authority). As outlined in the Environmental Plan, the survey is estimated to take approximately 60 days between August and the end of October 2021.

The acquisition of the Sequoia 3D MSS commenced in late August. Despite the survey encountering unprecedented weather in Bass Strait with the worst September swells in 20 years, approximately 1790 line kilometres of data had been acquired as of mid-October (TDO ASX Announcement 15 October 2021). As the survey has commenced, the Joint Venture has prioritised the central corridor to ensure the most prospective leads will be covered prior to the end of the acquisition window at the end of October 2021.

In combination with the Flanagan 3D MSS, acquired by TDO in 2014, the Sequoia 3D MSS will allow the Joint Venture to evaluate the full potential of the permit with high quality, modern 3D seismic.

Upon interpretation of the Sequoia 3D MSS and high grading of potential gas targets, COPA may elect to drill an exploration well in fulfillment the current Year 6 work programme. As per the FOA, TDO will be carried for up to US\$30 million in drilling costs in the Permit.

Figure 1: Location Map of the Sequoia 3D Marine Seismic Survey (image Courtesy of ConocoPhillips Australia)

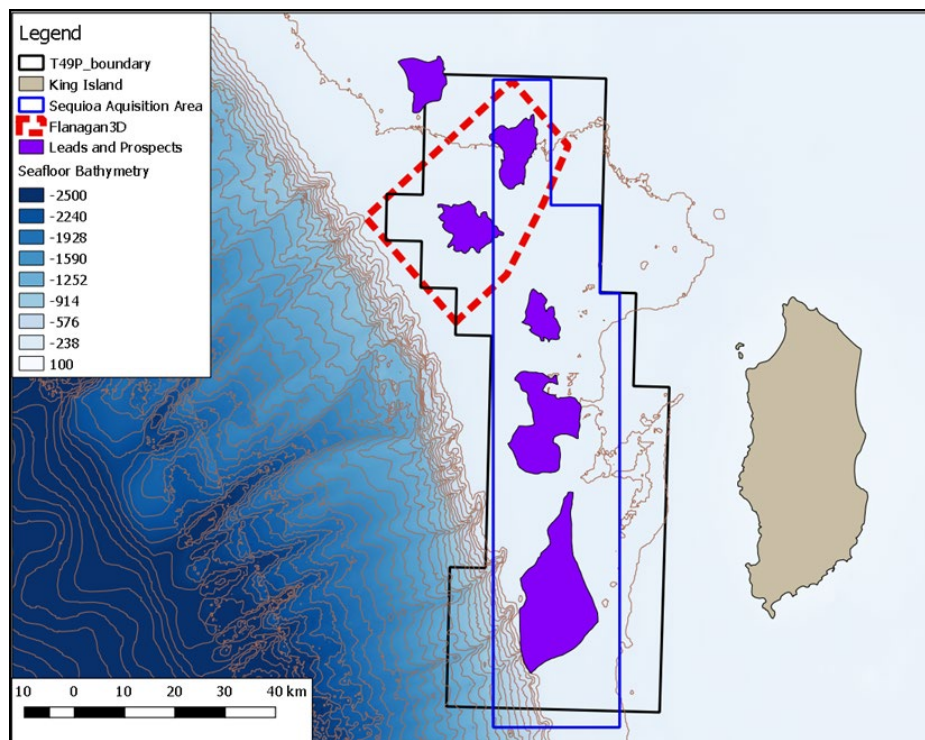


Table 1: T/49P Prospective Resource Estimate (TCF) Recoverable Gas
(ASX ann. 27-Jul-17)

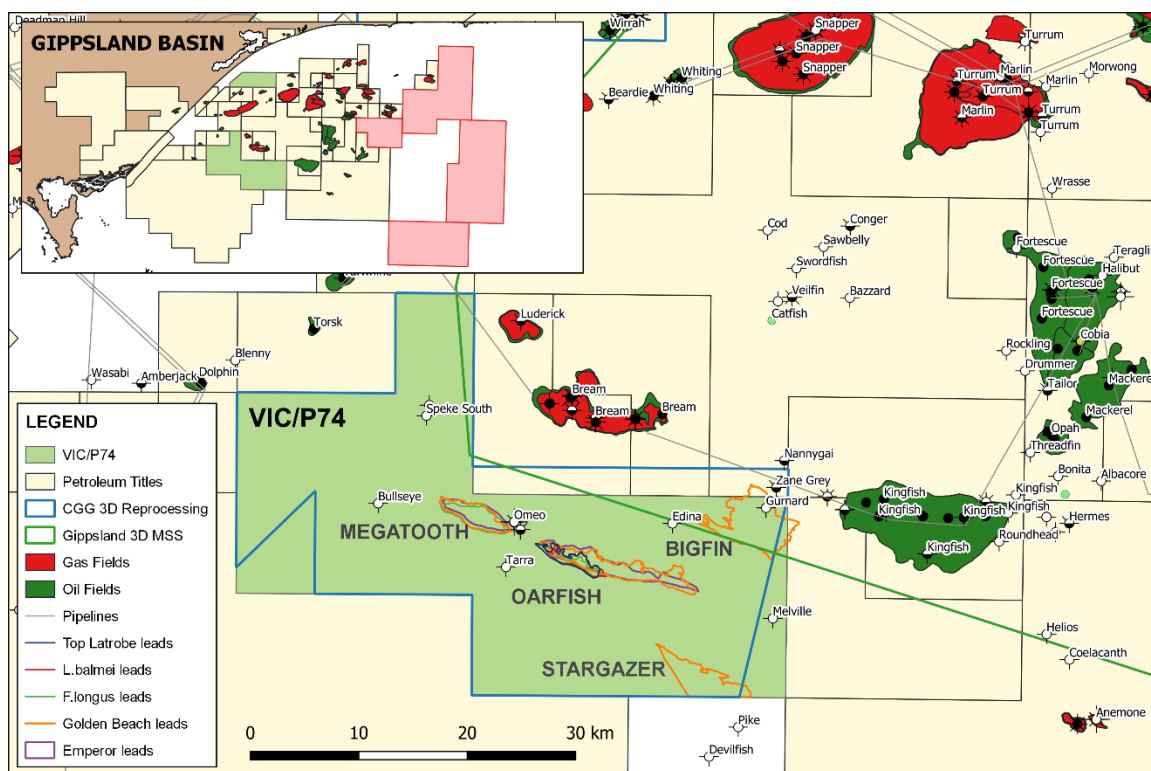
Location	Status	Low	Best	High
Flanagan	Prospect	0.53	1.34	2.74
Munro (T/49P Part)	Lead	0.04	0.19	0.57
Whistler Point	Lead	0.82	2.04	8.95
British Admiral	Lead	0.37	1.03	4.45
Seal Rocks	Lead	0.95	4.64	10.64
Harbinger	Lead	0.33	0.79	1.43
T/49P Arithmetic Total		3.04	10.03	28.77

The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons

VIC/P74, Gippsland Basin, offshore Victoria

The Company holds 50% interest in the VIC/P74 exploration permit, which covers 1,009km² along the margin of the Southern Terrace, Gippsland Basin. The permit is located adjacent to major Oil and Gas discoveries, including Bream and the giant Kingfish Field, the largest oil field ever discovered in Australia having produced over one billion barrels of oil to date (Figure 2).

Figure 2: Location map of VIC/P74 showing leads with prospective resources.



Emperor Subgroup Resource Potential

Subsequent to the end of the quarter, TDO released an update to the market on the Prospective Resource estimates within the permit (TDO ASX Announcement 7 October 2021).

An assessment of the play potential of the deeper Emperor Subgroup yielded additional gas prospectivity at some of the existing leads within VIC/P74, including Oarfish and Megatooth. This follows stratigraphic studies, seismic interpretation and depth conversion studies of the Emperor Subgroup, yielding additional closures along strike to the gas sands at the Omeo discovery.

Oarfish is now the largest un-risked gas target in VIC/P74, having an arithmetic total best estimate prospective resource of 544 Bcf, up from 338 Bcf. The lead is situated 2km to the east of Omeo 1A and reservoir/seal pairs are anticipated to be similar. Oarfish essentially has the same trapping configuration as the Omeo structure, which has hydrocarbons at equivalent levels based on log analysis and RFT recovery of water and gas with a thin film of oil/condensate.

Given the addition of the Emperor Subgroup play, Megatooth now has a total best estimate recoverable prospective resource of 465 Bcf, up from 204 Bcf. The lead is well situated relative to the kitchen underlying Bream towards the northeast and migration can be demonstrated by gas-condensates intersected within the Lower Latrobe Group at Omeo 1A. Emperor gas sands at the Omeo wells lie within 1km of Megatooth.

The next stage of exploration in VIC/P74 will involve the acquisition or purchase of modern 3D seismic data to assist with maturing the best potential lead(s) to prospect status. Internal risking is currently underway to assist with informing this next stage.

Farmout Campaign

TDO continues to receive unsolicited interest in VIC/P74 and active discussions with several interest farm-in candidates are ongoing. Given the upgrade in Prospective Resource estimates, the Joint Venture is seeking the best possible terms to facilitate the next stages of exploration including, seismic acquisition and drilling.

**Table 2: VIC/P74 Prospective Resources Estimate (Bcf) Recoverable Gas
(Nett to TDO in brackets)**

Lead/Prospect	Status	Low	Best	High
Oarfish	Lead	303 (152)	544 (272)	918 (459)
Bigfin	Lead	296 (148)	502 (251)	783 (392)
Megatooth	Lead	259 (130)	465 (233)	784 (392)
Stargazer	Lead	192 (96)	344 (172)	564 (282)
VIC/P74 Arithmetic Total		1050 (526)	1855 (928)	3049 (1525)

Table 3: VIC/P74 Prospective Resources Estimate (MMbbls) Recoverable Condensate (Nett to TDO in brackets)

Lead/Prospect	Status	Low	Best	High
Oarfish	Lead	4 (2)	19 (9)	60 (30)
Bigfin	Lead	2 (1)	19 (10)	39 (20)
Megatooth	Lead	4 (2)	16 (8)	51 (26)
Stargazer	Lead	3 (1.5)	12 (6)	37 (19)
VIC/P74 Arithmetic Total		13 (6.5)	66 (33)	187 (95)

Table 4: VIC/P74 Prospective Resources Estimate (MMbbls) Recoverable Oil (Nett to TDO in brackets)

Lead/Prospect	Status	Low	Best	High
Megatooth	Lead	28 (14)	58 (29)	107 (54)
Oarfish	Lead	23 (11)	40 (20)	71 (35)
VIC/P74 Arithmetic Total		51 (26)	98 (49)	178 (89)

The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons

WA-527-P, Bedout Sub-basin, offshore Western Australia

3D Oil holds 100% interest in the WA-527-P exploration permit, which covers 6,500km² of the offshore Bedout Sub-basin. The permit is located adjacent to oil and gas/condensate discoveries at Roc, Phoenix South and Dorado (Figure 3).

The Bedout Sub-basin is a rapidly emerging exploration frontier and is likely to become Australia's newest producing province. Santos has announced initiation of front-end-engineering and design (FEED) at Dorado field with FID slated for some stage in 2022. During the quarter, the Santos led Joint Venture acquired the 3,200 km² Keraudren 3D extension and 1,600km² Archer 3D survey in the permits adjacent to WA/527-P. Santos has announced that jack-up rig Noble Tom Prosser has been contracted to drill the Pavo-1 exploration well in late 2021, followed shortly by Apus-1. Both wells will target traps hosted by the same play as that which yielded that Dorado discovery in 2018. The activity in the basin supports TDO's long held technical view that the area hosts significant resources and will become integral to the national energy supply.

Throughout the quarter 3D Oil progressed with plans to acquire the Sauropod 3D MSS in the next available acquisition window. Seismic company CGG has proposed to acquire the survey as multi-client data and on 06 September, re-submitted the Sauropod 3D MSS Environment Plan for a one-month public comment period. The EP delineates the same acquisition parameters as have been previously proposed including a maximum full fold acquisition area of 3447km² to be acquired between January and April inclusive of 2022. After completing the public comment period, the EP was re-submitted to NOPSEMA where it is currently under assessment.

The Sauropod 3D seismic survey is an important component of the WA/527-P exploration strategy. The survey has several objectives; however, it is primarily aimed at determining the potential for traps associated with a Triassic erosional channel system that is analogous to that which provides the trapping mechanism for the nearby Dorado discovery.

Figure 3: Location of Sauropod 3D MSS Environmental Planning Area

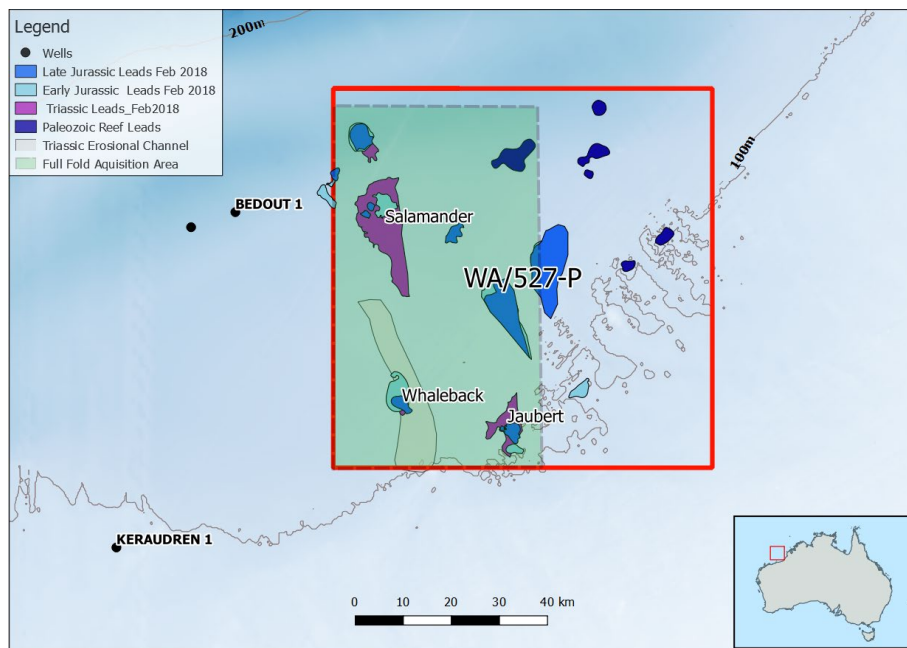


Table 5: WA-527-P Prospective Resource Estimate (MMbbls) Recoverable Oil

Prospect	Status	Low	Best	High
Salamander	Lead	57	191	713
Jaubert	Lead	17	72	205
Whaleback	Lead	16	87	219
WA-527-P Arithmetic Total		90	349	1,138

(ASX ann. 26-Feb-18)

The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

VIC/P57, Gippsland Basin, offshore Victoria

TDO holds 24.9% interest in the VIC/P57 exploration permit in the offshore Gippsland Basin with Joint Venture (“JV”) partner and operator, Hibiscus Petroleum. 3D Oil is the technical adviser to the JV.

The Joint Venture have identified two drilling candidates in the permit including Felix and Pointer. The Pointer Prospect is an AVO supported gas target, located close to shore and nearby infrastructure. It is well placed to supply resources to the east Australian gas market. The Felix Prospect is a low risk Oil & Gas prospect located between the Wirrah discovery and Moonfish field.

Figure 4: Prospects and Leads, VIC/P57

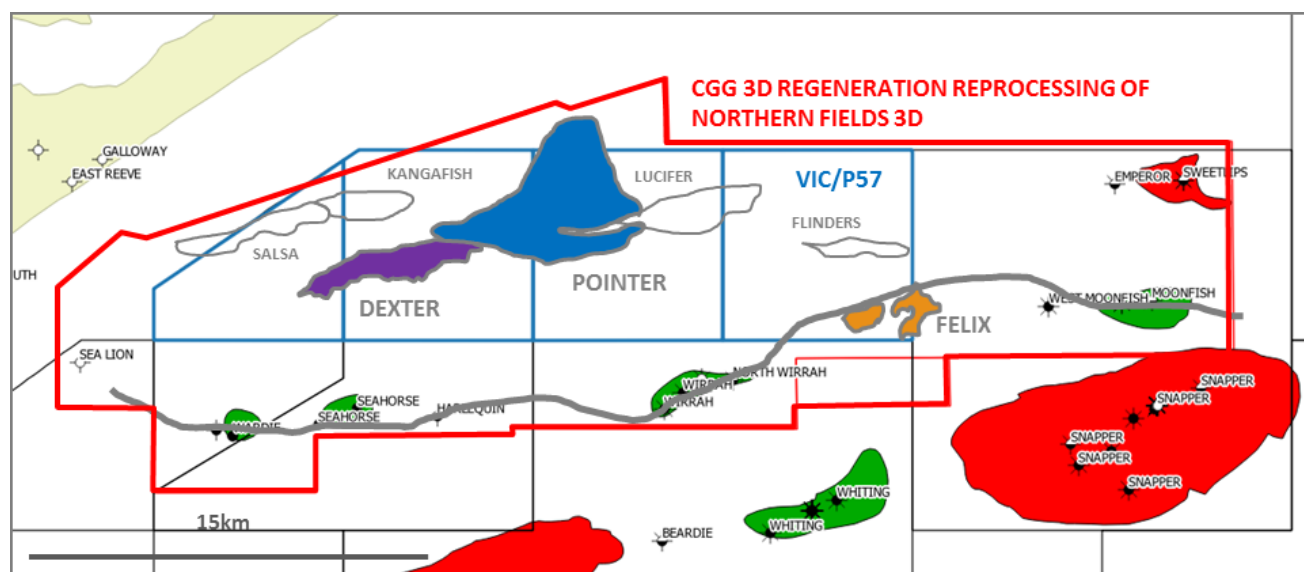


Figure 5: Pointer Prospect Response on Offset Stacks.

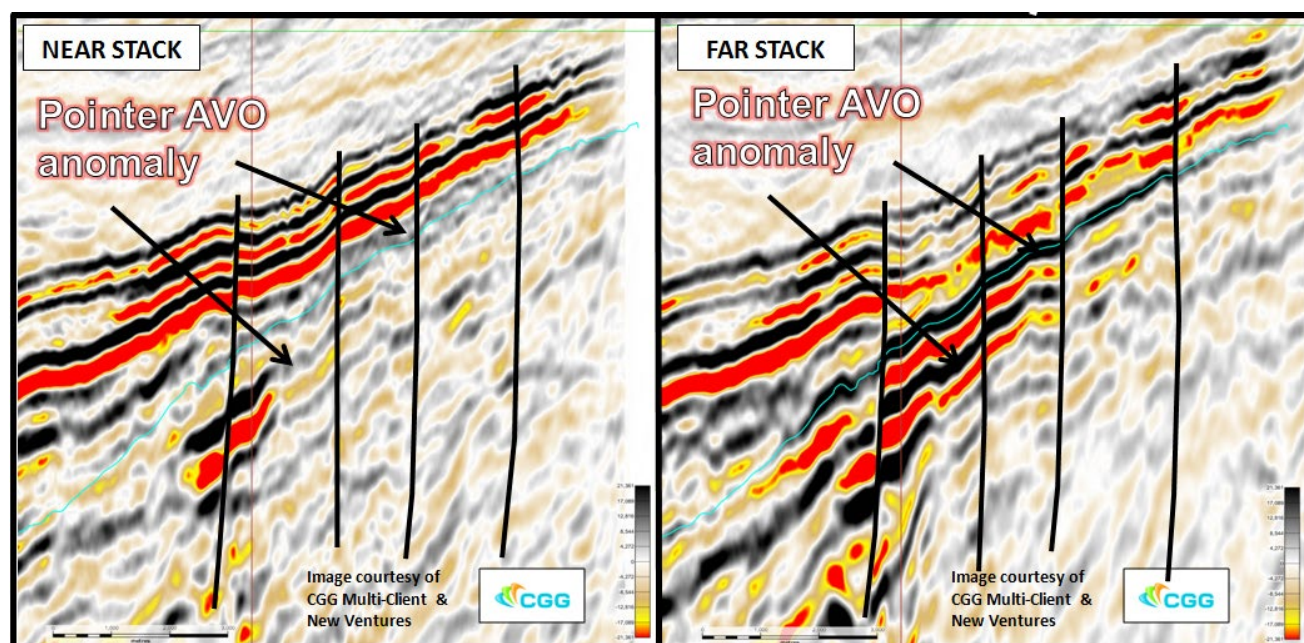


Table 6: VIC/P57 Prospective Resources Estimate (MMbbls) Recoverable Oil
(ASX ann. 27-Jul-17)

Location	Status	Low	Best	High
Felix	Prospect	6.8	15.9	26.9
Salsa	Lead	10.7	15.1	20.6
VIC/P57 Arithmetic Total		17.5	31.0	47.5

Table 7: VIC/P57 Prospective Resource Estimate (BCF) Recoverable Gas

Location	Status	Low	Best	High
Pointer	Prospect	140.1	235.3	364.9
Dexter	Lead	37.0	132.0	259.1
VIC/P57 Arithmetic Total		177.1	367.2	624.0

The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

New Ventures

TDO continually reviews new opportunities in a prudent and diligently manner. These include a review of the annual offshore Australian gazettal rounds. As announced in the June 2021 quarterly activities report, TDO submitted a bid in the June round of the Australian offshore gazettal. The NEATS public portal applicant tracking systems indicates the application has progressed to the Joint Authority for Decision. TDO expects to be advised of the outcome of its bid during Q2 FY2022.

Corporate

As at 30 September 2021, the Company held cash and cash equivalents of approximately A\$2,459,000. The Company had net operating cash outflows of A\$288,000 during the quarter, and net cash outflows of A\$280,000 from investing activities. Included in the net cash from investing activities are Joint Venture reimbursements received during the quarter related to exploration and evaluation.

Payments to related parties and their associates during the quarter as outlined in Section 6.1 of the accompanying Appendix 5B to this quarterly activities report were A\$115,000. These payments are related to salaries, superannuation and Director's fees paid to directors and related entities during the September 2021 quarter.

Petroleum Tenement Holdings

As at 30 September 2021, 3D Oil's petroleum tenement holdings were:

Tenement and Location	Beneficial interest at 30 Jun 2021	Beneficial interest acquired / (disposed)	Beneficial interest at 30 Sep 2021
VIC/P57	24.9%	nil	24.9%
Offshore Gippsland Basin, VIC			
T/49P	20%	nil	20%
Offshore Otway Basin, TAS			
WA-527-P	100%	nil	100%
Offshore Roebuck Basin, WA			
VIC/P74	50%	nil	50%
Offshore Gippsland Basin, VIC			

This announcement is authorised for release by the Board of Directors of 3D Oil Limited.

For further information, please contact:

Noel Newell
Executive Chairman
3D Oil Limited
Phone: +61 3 9650 9866

Qualified Petroleum Reserves and Resources Evaluator Statement

The Prospective Resources estimates in this release are based on, and fairly represent, information and supporting documents prepared by, or under the supervision of Dr David Briguglio, who is employed full-time by 3D Oil Limited as Exploration Manager. He holds a BSc.Hons and PhD in Petroleum Geoscience and has been practicing as a Petroleum Geoscientist for 11 years. Dr Briguglio is qualified in accordance with ASX listing rule 5.41 and has consented in writing to the inclusion of the information in the form and context in which it appears.

Prospective Resources

The estimates have been prepared by the company in accordance with the definitions and guidelines set forth in the Petroleum Resources Management System, 2011 approved by the Society of Petroleum Engineer. Prospective Resource estimates are for recoverable volumes and unless otherwise stated this report quotes Best Estimates and gross volumes. The estimates are un-risked and have not been adjusted for both an associated chance of discovery and a chance of development. The Prospective Resources have been estimated with both probabilistic and deterministic methods.

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

3D Oil Limited

ABN

40 105 597 279

Quarter ended ("current quarter")

30 September 2021

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	-	-
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(135)	(135)
	(e) administration and corporate costs	(152)	(152)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	-	-
1.5	Interest and other costs of finance paid	(1)	(1)
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other (provide details if material)	-	-
1.9	Net cash from / (used in) operating activities	(288)	(288)

2.	Cash flows from investing activities		
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	(4)	(4)
	(d) exploration & evaluation	(276)	(276)
	(e) investments	-	-
	(f) other non-current assets	-	-

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	(280)	(280)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	-
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	-
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	(22)	(22)
3.10	Net cash from / (used in) financing activities	(22)	(22)

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	3,049	3,049
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(288)	(288)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(280)	(280)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(22)	(22)

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	2,459	2,459

5. Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1 Bank balances	2,459	3,049
5.2 Call deposits	-	-
5.3 Bank overdrafts	-	-
5.4 Other (provide details)	-	-
5.5 Cash and cash equivalents at end of quarter (should equal item 4.6 above)	2,459	3,049

6. Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1 Aggregate amount of payments to related parties and their associates included in item 1	115
6.2 Aggregate amount of payments to related parties and their associates included in item 2	-
<i>Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.</i>	

7.	Financing facilities <i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1	Loan facilities	-	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	Total financing facilities	-	-
7.5	Unused financing facilities available at quarter end		-
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		
	N/A		

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (item 1.9)	(288)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(276)
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(564)
8.4	Cash and cash equivalents at quarter end (item 4.6)	2,459
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	2,459
8.7	Estimated quarters of funding available (item 8.6 divided by item 8.3)	4.36
	<i>Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.</i>	
8.8	If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
8.8.1	Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
	Answer: N/A	
8.8.2	Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
	Answer: N/A	

8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer: N/A

Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.

Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 28 October 2021

Authorised by: The Board

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.