

Part 2. Your Details	
Name	Mike Oakes
Title	New Zealand Asset Manager
Company	Origin Energy Resources NZ Ltd
Postal Address	Private bag 2022, New Plymouth
Phone	06 7699825
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Part 3. Facility Operator Details	
Company	Origin Energy Resources Kupe NZ Ltd
Postal Address	Private bag 2022, New Plymouth
Contact Name	Origin Energy Resources NZ Ltd
Contact Title	New Zealand Asset Manager
Contact Phone	06 7699825
Contact Fax	06 7699804
Contact Email	mike.oakes@originenergy.com.au

Part 4. Facility Ownership Details			
If the sole owner of the gas processing facility is the Facility Operator listed in Part 3, leave this part blank.			
Legal Entity	Origin Energy Resources (Kupe) Limited	Ownership Share (%)	32.1875
Legal Entity	Kupe Mining (No1) Limited	Ownership Share (%)	17.8125
Legal Entity	Kupe Holdings Ltd	Ownership Share (%)	16.0000
Legal Entity	GP No 2 Limited	Ownership Share (%)	11.0000
Legal Entity	GP No 5 Limited	Ownership Share (%)	4.0000
Legal Entity	National Petroleum Limited	Ownership Share (%)	12.7500
Legal Entity	Petroleum Equities Limited	Ownership Share (%)	1.2500
Legal Entity	Nephrite Enterprises Ltd	Ownership Share (%)	1.0000
Legal Entity	Mitsui E&P Australia Pty Ltd	Ownership Share (%)	4.0000
Legal Entity		Ownership Share (%)	

Part 5. Facility Description	
Facility Name	Kupe Production Station
Physical Address	Corner of Inaha and Siggs Road Manaia
Description of gathering facilities in service	A 12" multiphase 35km Raw gas pipeline feeds the Production Station Facilities from the Well Head Platform.
Description of primary separation processing facilities in service	The Kupe Production Station consists of three phase separation of Gas, light crude oil and water and fractionation train to recover liquid petroleum gas
Description of gas treatment facilities in service	The gas treatment plant, removes a percentage of CO2 from the raw gas stream, and dries the gas through the Propane refrigeration system to meet NZS5442:1999 for reticulated Natural Gas
Description of inactive/mothballed gas processing facilities including estimated timeframes for recommissioning	Non Applicable

Part 6. Entry/Exit Specifications	
<p>Provide the entry/exit specifications for all feedstocks and products that can be accommodated by the gas processing facility. Indicate whether the specifications apply to in-service facilities or mothballed/inactive facilities. If appropriate, attach existing documents containing the required information and reference the relevant section of this form.</p>	
<p>Entry specifications (by feedstock)</p>	<p>The facilities are designed to receive various well streams, generally:</p> <ul style="list-style-type: none"> Gas to a maximum CO₂ level of 15% Light Crude with a pour point of not greater than 10deg C Produced formation water
<p>Exit specifications (by product)</p>	<p>Products exiting the facility meet the following specifications:</p> <ul style="list-style-type: none"> Reticulated Natural Gas NZS5442: 1999 Liquefied Natural Gas NZS5435: 1996 Light Crude oil with a Vapour pressure of 76kpag to meet shipping conditions

Part 7. Capacity Summary				
Indicative processing capacity of in-service facilities (PJ per annum)	25PJ			
Spare capacity as a % of indicative processing capacity (tick one box per time period)	Time Period	< 5%	5%-25%	> 25%
	0-24 months	X	<input type="checkbox"/>	<input type="checkbox"/>
	2-5 years	X	<input type="checkbox"/>	<input type="checkbox"/>
	5+ years	X	<input type="checkbox"/>	<input type="checkbox"/>
Comments (include here details of interruptible capacity, if available, and spare capacity information for mothballed or inactive facilities)	No spare capacity foreseen in the next 5 years			

Part 8. Capacity Details	
Provide capacity details of the gas processing facility for each unit process. If the gas processing facility is not configured to perform a given unit process, enter 'NA'. State capacity units as well as conditions or assumptions for each unit process (for example, '90 mmscfd @ < 10 ppm H ₂ S' or '600 bpd as natural gasoline'). Spare capacity information for specific feedstocks and/or products can also be reported here.	
Gas lift capacity	N A
Produced water handling capacity	600bbls/day
Water injection capacity	Non Applicable
CO ₂ removal capacity	8.5% @ 75MMscf/day
H ₂ S removal capacity	25ppm @ 75MMscf/day

Part 8. Capacity Details	
Dehydration capacity	75MMscf/day
Hydrocarbon dewpointing capacity	-40degC @ 75MMscf/day
Export gas compression capacity	75MMscf/day
Gas export capacity	75MMscf/day
Oil export capacity	7,000bbls/day
LPG fractionation capacity	315 tonnes/day
LPG storage and loadout capacity	1850 tonnes storage, 3 load out bays, each capable of delivering simultaneously 50 tonnes an hour
Limiting factors	None

