























































**Infrastructure Information**

Description:	Judy Facility
Entry Specification:	<p>The entry specification for any future third party production is dependent upon the point at which such production would enter the Judy facilities and the composition of production already being processed at that time.</p> <p>The entry specification will cover areas that affect onward transportation as well as those which impact the Judy platform itself e.g. slugging limitations and contaminants</p>
Exit Specification:	<p>Liquids - Any liquids processed on the Judy facilities would be transported to Teesside through the J-Block Spur to the Norpipe System. The exit specification from the Judy facilities is the Norpipe entry specification which is directly negotiable between any prospective user and the Norpipe operator. However, any exit specification must be achievable with the processing facilities available on Judy.</p> <p>Gas - Any gas processed on the Judy facilities would be transported through the CATS Pipeline via the T6 entry point. The exit specification from the Judy facilities is the CATS entry specification which is directly negotiable between any prospective user and the CATS operator. However, any exit specification must be achievable with the processing facilities available on Judy. Following on from transportation through CATS further processing would be required at either the CATS processing facility or TGPP</p>
Outline details of Primary separation processing facilities:	Primary oil and gas separation is achieved by HP separators. The oil is conditioned by a second stage LP separator to the pipeline entry specification (145psia true vapour pressure at 100 oF) prior to export.
Outline details of gas treatment facilities:	<p>The gas from the separators is compressed and dehydrated by a triethylene glycol system to achieve a maximum water content of 15kg per million cubic metres</p> <p>The hydrocarbon dewpoint of -2 oC at all pressures greater than 92 barg is achieved by NGL removal at the suction scrubbers of the second compression stage.</p> <p>Judy has limited H2S removal facilities.</p>

**High Level Capacity Information**

The basic capacity information is portrayed by colour coded 'traffic lights' that reflect thresholds of availability over the next 5 years

Available Capacities		 > 25%	 5% to 25%	 < 5%	 unknown		
Description	Capacity	Ullage as % of system capacity					Comments
		2013	2014	2015	2016	2017	
Oil export capacity (1)	100mmb/d						
Oil export pipeline capacity (1)							
Gas compression capacity (2)	450 mmscf/d						
Gas export capacity	450 mmscf/d						
Gas export pipeline capacity							
Gas lift capacity (3)							
Dehydration capacity (4)	450 mmscf/d						
H2S removal capacity	Limited						
Produced water handling capacity (5)	14mmb/d						
Water injection capacity	None						

- (1) The design capacity of the Judy oil export system is 100,000 bbls/d from 2 booster and main oil line pumps. However there is also the ability to tie directly into the J Block Spur, then onwards to the Norpipe system. The capacity of the J Block spur line is dependant on the combined throughputs of the J Block spur and Norpipe trunkline
- (2) There are two compression trains each train has a capacity of 300 mmscf/d. With 2 trains operating the system has have a total capacity of 450 mmscf/d.
- (3) Gas is available at compressor second stage discharge pressure, typically about 170 barg however there are currently no gas lift facilities
- (4) Achieves a maximum water content of 15kg per million cubic metres
- (5) Produced water is separated at the LP separator, the system has a hydraulic capacity of 14,000 bb/day. Treatment is by cyclones and a degasser. There are no reinjection facilities

**Contact information**

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**Last Update:** Apr-13

**Note:** The information provided above is given by [ConocoPhillips entity] ("ConocoPhillips") in its capacity as operator of the infrastructure. The information is given in good faith and without liability. The information indicates available capacity at the Last Update but no warranty is given in relation to the accuracy of the information. ConocoPhillips reserve the right to alter information provided in relation the infrastructure at any time and without notice. Parties using the information provided therefore do so at their own risk. The information relating to the availability of capacity in the infrastructure is provided on a "subject to contract" basis.