



Pipeline Specification Summary

WWP - Jackfish South Pipeline

General Description:

The Jackfish pipeline is a 6 inch high pressure sour gas pipeline starting at 11-36-59-21w5 and ending at 9-22-58-20w5.

Pipeline Static Data:			
Medium:	High Pressure Sour Gas		
License Approval :		License H2S :	18.9%
Diameter :	6"	Length :	
M.O.P :	13,960 Kpa.	Normal Operating Pres.	3500 kpa-5000kpa
ANSI Rating :	900 RTJ		

Tie-In / ESD Locations:		
	11-36-59-21w5	Riser Site
	15-25-59-21w5	Pig Launching/Receiving Site
	10-17-59-20w5	ESD Valve Site and Line Heater
	10-4-59-20w5	ESD Valve Site
	16-28-58-20w5	Riser Site with Producer Tie in
	9-22-58-20w5	ESD Valve Site and Dehy Facility

Tie In Specifications

Section A: WELLSITE – Separation and Metering

Gas Quality – Piping Configuration, Equipment & Reporting	
Dehydration	Production Must be routed to downstream dehydration.
H2S Composition (Max.)	18.9 %
Separation Equipment	2 Phase – 3 Phase
Condensate	Combined with Gas Stream – Tanked - Trucked
Water	Tanked - Trucked
Metering	EFM (Electronic Flow Measurement)
Fuel Gas – (Site Supplied)	Metered or Estimate
Fuel Gas – (External Source)	No data required.
SCADA	Required
Gas & Liquids Sampling	Required
Daily Reporting Method	SemCAMS SCADA, Customer SCADA, Fax, e-mail

Section B: DOWNSTREAM FACILITY – Dehydration & Compression

Gas Quality

H2S Composition (Max.)	N/A
Temperature (Max)	N/A
Water Dewpoint (combined stream)	N/A
Condensate	N/A
BS&W	N/A
Water	N/A
Methanol	Yes
Corrosion Inhibitor Injection	Yes Type: Champion
Sulphur Dispersants - Solvents	NONE (DADS, MDS....)
Operational Liquids	NONE (Cleaning Solvents/Hydro/PL Initial Batch...)
Operational Gasses	NONE (Purge Gasses N2 / CO2 / Air / ...)

Piping - Configuration & Equipment

Dehydration Type	N/A
Dewpoint Auto Shut-in / Recycle	N/A Set Point: N/A
Dewpoint Analyzer	N/A
BS&W Analyzer	N/A
BS&W Auto Shut-in / Diversion	N/A
Metering – Gas Production	N/A
Metering – Condensate Production	N/A
Metering - Water	N/A
Metering – Fuel Gas (site supplied)	EFM Metered or Estimate
Metering – Fuel Gas (external)	Not Required
Compressor Recycle	Required – Pressure Control & Dehydration Control
Flare & Recycle Connections	Upstream of Sales Meter
SemCAMS SCADA :	
Flow Measurement (Sales)	Required
Remote ESD	Not Required (Supplied at tie-in location)
Compressor Run Status	Required
Dewpoint Analyzer Status	N/A

Section C:	Tie-In Point – to SemCAMS Pipeline
-------------------	-------------------------------------------

Piping Configuration and Equipment			
-------------------------------------------	--	--	--

Pipe Specification (above ground)	SemCAMS SP-60		
Pigging Facilities	Required		
ESD Valve	Required		
Check Valve	Required		
Drains & Vents	Required		
Cathodic Protection – Insulating Kit	Required	Type:	Pikotek
Future Connection	Required		
Corrosion Monitoring Coupon	Required		
SemCAMS SCADA:			
Pressure	Required		
ESD Valve Position	Required (Open – Moving – Closed)		
Remote ESD	Required (SemCAMS Control)		
ESD – Local PSHH	Required	Set Pressure:	
ESD – Local PSL	Required	Set Pressure:	
TEG Status	Required		