



Pipeline Specification Summary

KA - NGL Pipeline

General Description:

The NGL Pipeline is a 4" Pipeline which transports NGL 25.5 Kilometers from 7-10-61-22W5 to the SemCAMS Kaybob Gas Plant located at 1-12-62-20W5. Valve Stations and Tie-in points are installed along the length at several locations.

Pipeline Static Data:			
Medium:	Natural Gas Liquid		
License Approval :	27530	License H2S :	0 %
Diameter :	4"	Length :	25.5 Kms.
M.O.P :	9930 Kpa.	Normal Operating Pres.	2000-3000 Kpa.
ANSI Rating :	600 RTJ		

Tie-In / ESD Locations:		
STN 01	7-10-61-22	Valve Station – Producer T/I
STN 02	7-29-61-20	Block Valve, ESDV
STN 03	1-12-62-20	Block Valve, ESDV

Tie In Specifications

Section A: WELLSITE Requirements

Gas Quality – Piping Configuration, Equipment & Reporting	
Dehydration	Not Required
H2S Composition (Max.)	0 %
Separation Equipment	3 Phase
Condensate	YES
Water	Tanked - Trucked
Metering	EFM (Electronic Flow Measurement)
Fuel Gas – (Site Supplied)	Metered or Estimate
Fuel Gas – (External Source)	No data required.
SCADA	Required for all direct T/I's
Gas & Liquids Sampling	Required as per Manual requirements
Daily Reporting Method	SemCAMS SCADA, Customer SCADA, Fax, e-mail

Section B: DOWNSTREAM FACILITY Requirements

Gas Quality			
H2S Composition (Max.)	0%		
Temperature (Max)	50 ⁰ Celcius		
Water Dewpoint (combined stream)	Minus 10 Deg C at operating pressure		
Condensate	Re-injection allowed		
BS&W	Max 0.2%		
Water	Tanked		
Methanol	NONE		
Corrosion Inhibitor Injection	NO	Type:	Champion
Sulphur Dispersants - Solvents	NONE		
Operational Liquids	NONE (Cleaning Solvents/Hydro/PL Initial Batch...)		
Operational Gasses	NONE (Purge Gasses N2 / CO2 / Air / ...)		

Piping - Configuration & Equipment			
Dehydration Type	NONE		
Dewpoint Auto Shut-in / Recycle	Not Required	Set Point:	-10 ⁰ Celcius
Dewpoint Analyzer	No		
BS&W Analyzer	Required		
BS&W Auto Shut-in / Diversion	Electronic Continuous Monitoring w/Auto Shut-in		
Metering – Gas Production	Not Required		
Metering – Condensate Production	EFM		
Metering - Water	NO Tanked		
Metering – Fuel Gas (site supplied)	EFM Metered or Estimate		
Metering – Fuel Gas (external)	Not Required		
Compressor Recycle	NONE		
Flare & Recycle Connections	NONE		

SemCAMS SCADA:	
Flow Measurement (Sales)	Required
Remote ESD	Required (Supplied at tie-in location)
Compressor Run Status	Required
Dewpoint Analyzer Status	NONE

Section C: SemCAMS Pipeline T/I Point Requirements

Piping Configuration and Equipment			
Pipe Specification (above ground)	SemCAMS SP-60		
Pigging Facilities	NONE		
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 PSLL	Required	Set Pressure:	
TEG Status	NONE		