



## Pipeline Specification Summary

# KA - East Viking Shallow Gas

### General Description:

The East Viking Shallow Gas Pipeline is a 6" Pipeline which transports High Pressure Sweet Gas 8.5 Kilometers from 11-10-62-19W5 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. Interconnection with other pipeline systems and processing plants has been utilized to re-route gas from one system / plant to another as required.

Pipeline Static Data:			
Medium:	<b>High Pressure Sweet Gas</b>		
License Approval :	<b>6983</b>	License H2S :	<b>0 %</b>
Diameter :	<b>6"/8"</b>	Length :	<b>8.5 Kms.</b>
M.O.P. :	<b>8270 Kpa.</b>	Normal Operating Pres.	<b>6200-7000 Kpa.</b>
ANSI Rating :	<b>600 RTJ</b>		

Tie-In / ESD Locations:		
STN 01	11-10-62-19	Valve Station – Producer T/I
STN 0112	8-7-62-19	Block Valve, interconnect to Peace PPL, Hot Tap Riser
STN 02	5-12-62-20	Block Valve, Producer T/I
STN 03	1-12-62-20	Block Valve, ESD, Producer T/I

## Tie In Specifications

### Section A: WELLSITE Requirements

Gas Quality – Piping Configuration, Equipment & Reporting	
Dehydration	<b>Not Required</b>
H2S Composition (Max.)	<b>0 %</b>
Separation Equipment	2 Phase – 3 Phase
Condensate	Combined with Gas Stream or 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 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 <sup>0</sup> Celcius		
Water Dewpoint (combined stream)	Not Required		
Condensate	Re-injection allowed		
BS&W	Not Required		
Water	Tanked		
Methanol	YES - Inhibited MeOH		
Corrosion Inhibitor Injection	YES	Type:	Champion RU 196
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	Not Required		
Dewpoint Auto Shut-in / Recycle	NONE	Set Point:	-10 <sup>0</sup> Celcius
Dewpoint Analyzer	NONE		
BS&W Analyzer	NONE		
BS&W Auto Shut-in / Diversion	NONE		
Metering – Gas Production	EFM		
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	Required – Pressure Control		
Flare & Recycle Connections	Upstream of Sales Meter		

**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	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 PSLI	Required	Set Pressure:	
TEG Status	Required		