



Pipeline Specification Summary

West Fox Creek South

General Description:

The West Fox Creek South Pipeline is a 4/6" Pipeline which transports Low Pressure Wet Sweet Gas 3 Kilometers from 7-22-59-19W5 to 8-3-60-19W5. At 8-3-60-19W5 we compress the gas and transport the High Pressure Sweet Gas 5 Kilometers to 11-22-60-19 (WFC Plant). Valve Stations and Tie-in points are installed along the length at several locations.

Pipeline Static Data:			
Medium:	Low Pressure Wet Sweet Gas		
License Approval :	45103	License H2S :	0 %
Diameter :	4/6"	Length :	8 Kms.
M.O.P :	8960 Kpa.	Normal Operating Pres.	1000 kPa U/S or 8-3, 5500 – 6000 kPa D/S of 8-3.
ANSI Rating :	600 RTJ		

Tie-In / ESD Locations:		
STN 01	07-22-59-19	Valve Station – Producer T/
STN 02	11-27-59-19	Block Valve, Producer T/I
STN 03	11-34-59-19	Block Valve
STN 03A	6-35-59-19	Block Valves, Producer T/I
STN 04	8-4-60-19	Block Valve, 8-3 Compressor T/I
STN 05	11-22-60-19	Block Valve, Plt Inlet

Tie In Specifications

Section A: WELLSITE Requirements

Gas Quality – Piping Configuration, Equipment & Reporting	
Dehydration	Production Must be routed to downstream dehydration.
H2S Composition (Max.)	0 %
Separation Equipment	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 ⁰ Celcius		
Water Dewpoint (combined stream)	Not Required		
Condensate	Re-injection		
BS&W	Not Required		
Water	NO, volumes must be approved by SemCAMS		
Methanol	YES - Inhibited MeOH		
Corrosion Inhibitor Injection	YES	Type:	Champion RU 196
Sulphur Dispersants - Solvents	N/A		
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 ⁰ 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	EFM, if water is recombined		
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		