



Pipeline Specification Summary

KA - C Pool South Shallow Gas

General Description:

The C Pool South Shallow Gas Pipeline is a 6" Pipeline which transports Low Pressure Sweet Gas 6 Kilometers from 16-25-62-20W5 to the SemCAMS SouthWest Shallow Gas Pipeline at 12-12-62-20 and then into the Kaybob Gas Plant at 1-12-62-20W5. Valve Stations and Tie-in points are installed along the length at several locations.

Pipeline Static Data:			
Medium:	Low Pressure Sweet Gas		
License Approval :	28096	License H2S :	0 %
Diameter :	6"	Length :	6.2 Kms.
M.O.P. :	9930 Kpa.	Normal Operating Pres.	1500-2500 Kpa.
ANSI Rating :	600 RTJ		

Tie-In / ESD Locations:		
STN 0011	16-25-62-20	Underground connect to Producer pipeline
STN 0021	8-25-62-19	Hot Tap, Producer T/I
STN 01	12-12-62-20	Block Valve, Producer T/I

Tie In Specifications

Section A: WELLSITE Requirements

Gas Quality – Piping Configuration, Equipment & Reporting	
Dehydration	Not Required
H2S Composition (Max.)	0 %
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 ⁰ 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 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	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 PSLL	Required	Set Pressure:	
TEG Status	Required		