Pipeline Specification Summary

WWP - Oldman Pipeline

General Description:
The Oldman pipeline is a 6 inch High Pressure Dehydrated Sour Gas pipeline starting at 14-24-56-21w5 and ending at 13-21-57-19w5.

Pipeline Static Data:			
Medium:	**High Pressure Dry Sour Gas**		
License Approval :	**45108**	License H2S :	**.9%**
Diameter :	**6”**	Length :	
M.O.P :	**9930 Kpa.**	Normal Operating Pres.	**3000 kpa-4000kpa**
ANSI Rating :	**600 RTJ**		

Tie-In / ESD Locations:		
	14-24-56-21w5	ESD Valve and Dehydration Site
	16-29-56-20w5	ESD Valve Site and Producer Tie In
	10-13-57-20w5	ESD Valve Site and Producer Tie In
	13-21-57-19w5	ESD Valve and Pig Receiving Site

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.)	**.9%**
Separation Equipment	Effluent-2 Phase – 3 Phase
Condensate	Combined with Gas Stream – Tanked - Trucked
Water	Combined with gas Stream-Tanked - Trucked
Metering	EFM (Electronic Flow Measurement)
Fuel Gas – (Site Supplied)	Metered or Estimate
Fuel Gas – (External Source)	No data required.
SCADA	Recommended
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.)	.9%		
Temperature (Max)	50 C		
Water Dewpoint (combined stream)	-10 C		
Condensate	Re-injected or tanked		
BS&W	As per engineered calculation		
Water	Tanked		
Methanol	No		
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	Glycol or Mole Sieve		
Dewpoint Auto Shut-in / Recycle	Required	Set Point:	-10C
Dewpoint Analyzer	Required		
BS&W Analyzer	Required		
BS&W Auto Shut-in / Diversion	Required (Set point determined by engineered calculation)		
Metering – Gas Production	Required		
Metering – Condensate Production	Required if re-injected to sales		
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	Required		

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 PSLL	Required	Set Pressure:	
TEG Status	Required		