

The Three Sisters: AGI, CCS, and EOR

John J. Carroll, PhD, PEng
Gas Liquids Engineering
Calgary, Alberta
www.gasliquids.com

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- She can be contacted at alicewu@spheredtechconnect.com and I at jcarroll@gasliquids.com

The Three Sisters



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AGI

1. Sweetening
2. Compression
3. Pipeline
4. Injection

CCS

1. Capture
2. Compression
3. Pipeline
4. Injection

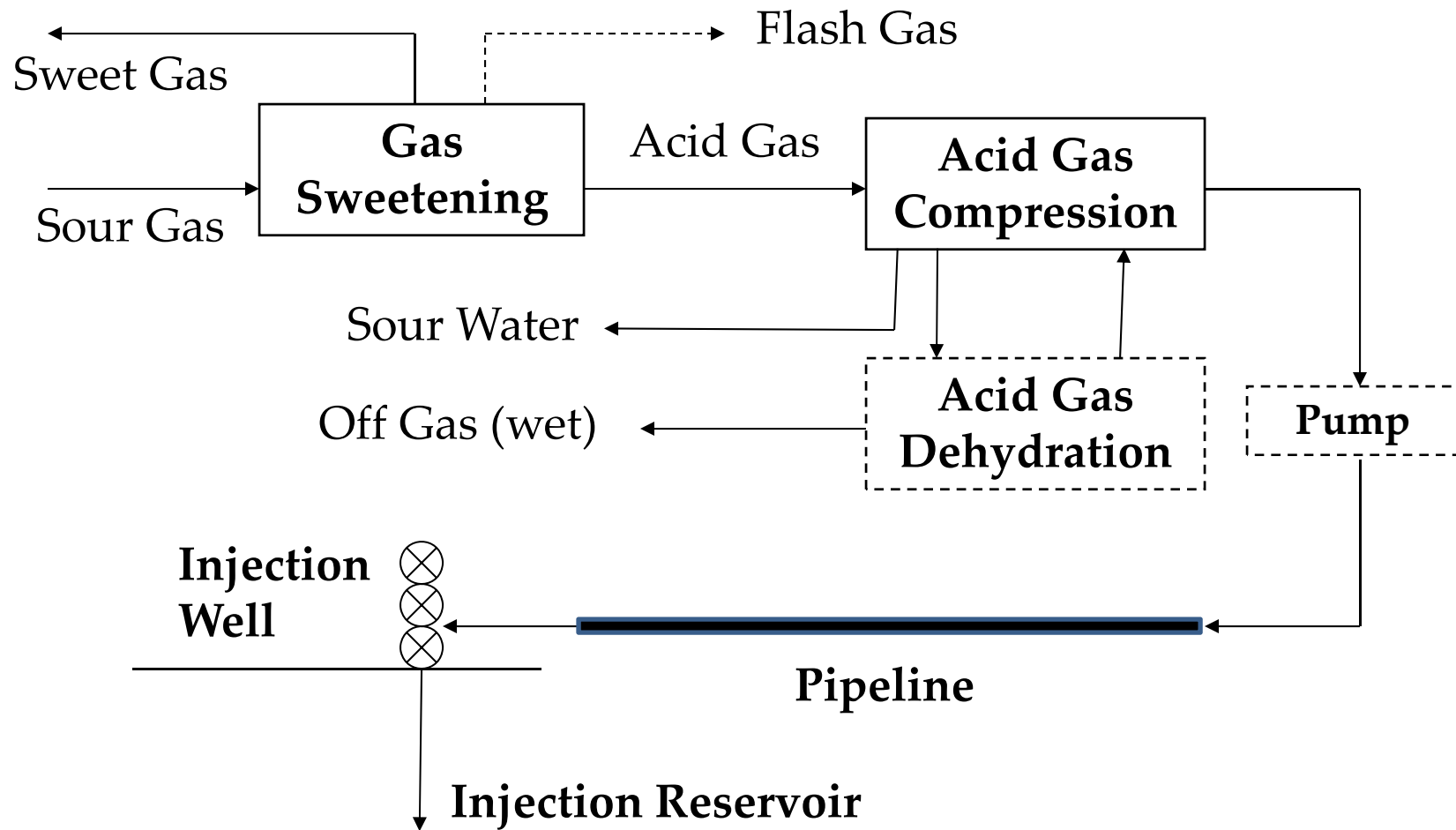
EOR

1. CO₂ Source
 - a) Virgin
 - b) Recovered
2. Compression
3. Distribution
4. Injection

Comparing Technologies

	AGI	CCS	CO₂ EOR
First Project	1989	?	1972
where:	Acheson, AB	Boundary Dam, SK	West Texas, USA
Number	~50 Canada	Many are in	~5 Canada
	~25 USA	the planning	~110 USA
	~5 others	no large ones	
Largest Size	85 MMSCFD	in operation	220 MMSCFD
	Qatar		SACROC
	66 MMSCFD		90 MMSCFD
	Wyoming		Weyburn, SK

AGI - Block Diagram



Acid Gas Compressor (Puskwaskau)



Injection Well (Puskwaskau)



CCS - Block Diagram

