RAE Engineering and Inspection Ltd.
4810-93 Street, Edmonton, Alberta T6E 5M4
Phone: (780) 469-2401 Fax: (780) 468-2422

Field Inspection Report

Report No: OG001945

Client	Petrogas Energy Services Ltd.	**Inspection Date**	Feb 29, 2016		
Prov. Reg. #	AB 2501321	**Inspection Type**	INV		
Equipment Type	Ethane Bullet	**LSD**	AB SW-24-055-22W4		
Tag/Equip.	V-303	**Location**	Fort Saskatchewan		
Status	Not in Service	**Area**			
Manufacturer	Cessco Fabrication & Engineering Ltd	**Year Built**	1989		
Serial Number	3142	**Service**	Propane		
CRN #	H5920.2	**Manway**	30" Manway on the South Head		
Comp/Unit Id	SV-17.109	**Coating**			
Nat.Board #		**Owned By**	Petrogas Energy Services Ltd.		
Interim Insp'n		**Interim Insp Type**			
Next Inspection	9999	**Next Insp Type**	TBD		
Length	1108 in	**Height**			
Volume	10897 ft³	**RT**	1	**HT**	YES
Job No.	5830	**Client Reference**			
Foreman	Greg Arbuckle	**DownholdLSD**			
ABSA	**Plant:** H **Vessel:** R **Process:** G	**Special:** B	**ASME**	Sec. VIII div. 1	
History Log	AB-10 - Vessel NIS - dated and entered March 4, 2016.				

Component	Vessel Shell		
MAWP	451.00 PSI @ 200 °F	**MDMT**	-20 °F @ 451.000 PSI
Material	SA-516-70N	**Material Thickness**	2 in
Diameter	144 in	**Length**	
Corrosion Allowance			

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Component	Vessel Heads		
Material	SA-516-70N	**Material Thickness**	1.95 in
Corrosion Allowance			

Comments

This equipment was NOT in service and disconnected from any fluid source at the time of inspection. Photos were taken for inventory purposes only.

External Observations

Figure: 1

Nameplate.

Figure: 2

General view of vessel.

Recommendations

A thorough inspection is required before putting this vessel back in service.

Oscar Guevara

Alberta IPV #A-78778
TSASK Pressure Equipment Class II #249
CWB Level I #10874

RAE
Shahin Shardi
INSPECTOR
ALBERTA IPV
FILE # A - 83018

Inspector: Oscar Guevara

Reviewed By: Shahin Shardi