

Bay 5, 240040 Frontier Place SE  
Rocky View, Alberta T1X 0N2



**REPORT:** U-CG021816-2  
**DATE:** Feb.18/2016  
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## ULTRASONIC EXAMINATION REPORT

<b>CLIENT:</b>	HUSKY ENERGY	<b>CONTRACTOR:</b>	
<b>LOCATION NAME:</b>	ANSEL GAS PLANT	<b>STREAMLINE JOB#</b>	16-034
<b>LOCATION:</b>	07-27-050-19W5M	<b>CLIENT PO#:</b>	8401052303
<b>ITEMS EXAMINED:</b>	CONDENSATE TANK; S/N:21462		
<b>PROCEDURE:</b>	UT-1 rev 2.0	<b>ACCEPTANCE CRITERIA:</b>	API 653
		<b>SPECIFICATION:</b>	ASME V ART. 5

### EQUIPMENT

<b>EQUIPMENT TYPE:</b>	DMS / USM GO	<b>Serial #:</b>	12116329	<b>Cal Date:</b>	Jan.03/2016	<b>Cable Length/Type:</b>	60" / Lemo to Microdot	<b>COUPLANT:</b>	UT-X
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<b>CALIBRATION BLOCKS:</b>	1.000" C/S Step SN 12-4684	<b>UT INSPECTION MODE:</b>	
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<b>REFERENCE REFLECTOR:</b>	<b>Type:</b>	<b>Size:</b>	<b>Depth:</b>	<b>Signal Response Height:</b> 80%	<input checked="" type="checkbox"/> ZERO DEGREE <input type="checkbox"/> SHEARWAVE
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PROBE TYPE	ANGLE	WAVE	FREQ.	SIZE	MANUF.	SERIAL #	RANGE	REF. LEVEL (Db)	SCAN LEVEL (Db)
DUAL	0	LONG	5MHz	0.250"	STRESSTEL	12L02H59	1.000"	64	70

<b>SURFACE CONDITION:</b> <input type="checkbox"/> CLEAN BASE METAL <input type="checkbox"/> AS GROUND <input type="checkbox"/> WIRE WHEEL BUFFED <input type="checkbox"/> AS WELDED <input checked="" type="checkbox"/> PAINTED <input type="checkbox"/> SAND BLAST <input type="checkbox"/> Other:	<b>Material:</b> C/S
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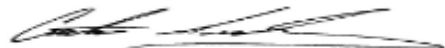
### EXAMINATION DETAILS AND RESULTS

A ZERO DEGREE UT INSPECTION WAS PERFORMED ON THE FOLLOWING ITEMS AS REQUESTED BY THE CLIENT.

- 1) TANK SHELL (1ST COURSE)
- 2) NOZZLES
- 3) FLOOR PROJECTION RING

#### RESULTS

NO PITTING/CORROSION LOCATED AT INSPECTION LOCATIONS. EROSION WAS NOTED ON RANDOM NOZZLE SECTIONS. SEE PG-2 FOR READINGS AND INSPECTION LOCATIONS

<b>TECHNICIAN/CERTIFICATION:</b> CURTIS GRAHAM - CGSB UT II / MT II / PT II / RTIII # 6560/ SNT-TC-1A III, UT,MT,PT	<b>CLIENT:</b> Greg Guenette
<b>SIGNATURE:</b> 	<b>ASSISTANT:</b> Darrin Robak <b>APPROVAL:</b>

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<b>LOCATION NAME:</b>	ANSEL GAS PLANT	<b>STREAMLINE JOB#</b>	16-034
<b>LOCATION:</b>	07-27-050-19W5M	<b>CLIENT PO#:</b>	
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## EXAMINATION DETAILS AND RESULTS

Location	Dia	Nom	Low	Avg	Comment
North shell	21' 6"	0.250"	0.246"	0.252"	1st course
West shell	21' 6"	0.250"	0.252"	0.254"	1st course
South shell	21' 6"	0.250"	0.249"	0.254"	1st course
East shell	21' 6"	0.250"	0.246"	0.250"	1st course
UT-1	24"x48"		0.245"	0.262"	Manway
UT-2	4.5"	0.237"	0.229"	0.238"	Nozzle
UT-3	3.5"	0.300"	0.285"	0.300"	Nozzle
UT-4	2.375"	0.218"	0.186"	0.210"	Nozzle/ Erosion noted
UT-5	3.5"	0.300"	0.288"	0.300"	Nozzle
UT-6	3.5"	0.300"	0.287"	0.295"	Nozzle
UT-7	4.5"	0.237"	0.219"	0.232"	Nozzle

SEE PG-3 FOR DIAGRAM/CML'S

UT WAS DONE ON THE FLOOR PROJECTION RING WITH THE FOLLOWING READINGS RECORDED.

NORTH SIDE	0.248"
WEST SIDE	0.253"
SOUTH SIDE	0.254"
EAST SIDE	0.255"

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