

				1				GAS	ANALYSIS	
TB1A								160	GS074435A	
Container Identification Sample Point Code Meter Code			er Code	AGAT WDMS Number Previous Number			Laboratory Number			
FLCANO E	XPLORATION	N I TD			FLARE STAC	FLARE STACK			03-34-012-27W1	
					Sampling Point				Unique Well Identifier	
	RGRAVE 3-3	A DATTEDV								
Well Name	RGRAVE 3-3	4 DATTERT	We	ell License Well	l Status	Well Flu	id Status	 LSD		
Well Ivallie			***	III EIGGIIGG VVCII	Clatas	vven r id	ia Glatas	LOD		
			NOT APPL	ICABLE		AGAT/ESTEVAN			JS/JV	
Field or Area Test Interval (mKB)		<i>F</i>	Pool or Zone		Elevation (m)	Sampler's Compa Elevation (m) — F		∕ Name of Sampler ssure (kPa) Temperature (°C) _		
rost interval (IIIIAB)					1			2 21		
From	То	Test Type	Tesi	f No.	KB GRI		ce Received	Sourc		
Mar 07, 201	6 Mar	_ 09, 2016	Mar 17,	2016	Mar 17, 2016	Calgar	y - Gerry Ecker	- Renorter		
Date Sampled Date Received			Date Analy		Date Reported	1 1 1 1 7 7 7			. repette.	
Other FII Information	ELD H2S BY	TUT = 7.88%								
	COMPOSITION					PROPERTIES				
COMPOSITION					Calcula	Calculated Heating Value @15 °C & 101.325 kPa (MJ/m³)				
	Mole F	raction			Calcula	Gross	alue @ 15 C C	N 101.323 N	,	
		Air & Acid Gas	Liquid Volume	Mole Fraction of Previous	66.13	78.97	1.02	60.24	71.95	
Component	As Received	Free As Received	mL / m³	Analysis	Air Free as	Moisture &	C ₇ + Moisture	Air Free as	Moisture &	
H ₂	TRACE	TRACE			Received	Acid Gas Free	Free	Received	Acid Gas Free	
He	0.0010	0.0012			Calculated Density					
N ₂	0.1182	0.1453] , ,,,	Relative	0.574		Absolute	
CO ₂	0.1079	0.0000			1.401 Moisture Free	1.407 Moisture & Acid	$\frac{3.571}{C_{7} + Moisture}$	$\frac{692.6}{C_7 + Density}$	1.716 Total Sample	
H₂S	0.0788	0.0000			As Received	Gas Free	Free	(kg/m³)	Density (kg/m³)	
C ₁	0.0309	0.0380			Calculated Pseudo Critical Properties					
C2	0.2277	0.2800	809.2		A	As Sampled		Acid Gas Free		
Сз	0.2607	0.3205	958.0		4897.6	324.7	44	71.3	322.7	
iC₄	0.0539	0.0663	235.4		PPc (kPa)	724.1 pTc (K)		c (kPa)	77c (K)	
nC ₄	0.0788	0.0969	331.5			, , ,	,		,	
<i>i</i> C ₅	0.0218	0.0268	106.4		Hydrogen Sulfide (H₂S) (ppm)					
nC ₅	0.0086	0.0106	41.6		Field	l Value	Laborat	ory Value	g/m³	
C ₆	0.0069	0.0085	37.9			78800			113.36	
C ₇ +	0.0048	0.0059	30.4		Stain Tube	Tutweiler	Other	GC-SCD	-	
TOTAL	1.0000	1.0000	2550.4			Calcula	tod Molocular	Moight	I	
						Calculated Molecular Weight (Moisture Free as Received) (g/mol)				
					40.0			400.4		
					40.6 Total Sample			$\frac{103.4}{C_{7} + Fraction}$		
						Calculated Vapour Pressure				
WDMS D	ata Verifica	tion Check			Calculat				Gas Compressibility	
Exceeds normal limits :IC5, N2					101.6	101.62			0.9819	
					C ₅ + (kPa)			@15 °C & 101.325 kPa		