



Williams Midstream
GQ2 - Certificate of Analysis
Period: July 2016

Gas Quality Name:	36592		
Gas Quality Description:	SIMMONS 3		
Lab Code:			
Effective Date/Time:	June-8-2015 8:00 AM	Analyzed Date/Time:	June-8-2015 2:23 PM
Sample Date/Time:	June-3-2015 9:23 AM	Sample Type:	Periodic Gas Sample - Spot
Sampled By:		Sample Number:	0866

Component	Units	GQ Data	GPM 2145 2009	
Hydrogen (H2)				
Helium (He)				
Oxygen (O2)				
Carbon Monoxide (CO)				
Argon (Ar)				
Hydrogen Sulfide (H2S)		0.000		
Nitrogen (N2)		0.177		
Carbon Dioxide (CO2)		0.319		
Methane (C1)		84.500	14.371	
Ethane (C2)		6.849	1.837	
Propane (C3)		3.900	1.078	
I-butane (IC4)		0.898	0.295	
N-butane (NC4)		1.209	0.382	
I-pentane (IC5)		0.541	0.198	
N-pentane (NC5)		0.401	0.146	
Hexanes (C6)		0.724	0.299	
Heptanes (C7)		0.362	0.167	
Octanes (C8)		0.121	0.062	
Nonanes (C9)		0.000	0.000	
Decanes (C10)		0.000	0.000	
C6+		1.206		
C5 Plus		0.021		
CO2 + N2		0.005		
Total Composition		100.000		

Calculation Parameters

Sample Pressure:		178.00		
Sample Temperature:		87.00		
Pressure Base	pressure unit	14.73		
Temperature Base	temp unit	60.00		
Heating Value:		1248.141	Specific Gravity:	0.712

Remark: <RLujan>:TAG 0866

ENTERPRISE FIELD SERVICES LLC (SAN JUAN)	Accounting/Production Period: 03/2019	MUSTANG RESOURCES LLC
Preparer Code: 135476534	Meter ID: 92466-01	Recipient Code:
Statement Title: Measurement Audit Statement(Differential)	Meter Name: A B GEREN #2	Location Code: NA DRN
MEAS Contact: ANGEL QUINTANA (505)599-3204	BTU Basis: Dry	Report Date/Time: 04/10/2019 07:58
STMT Contact: MARCUS WARE (713)381-7816	Reporting Basis: MCF @ 14.730	Federal Lease: SF-80000-A

CERTIFICATE OF ANALYSIS

Sample Id: 92466		
Sample Desc: A B GEREN #2		District: Meas 300-Pipe 100-Supv B
Effective Date: 02/01/2019 07:00	Sample Type: SPOT	Device: (No spec equip)
Sample Date: 01/25/2019 13:49	Sampled By:	Chrom ID: N/A
Analyzed Date:	Analyzed By: FSLAB	
Sample Freq: SEMIANNUALLY	GPA Version: 2145-16	
Sample Temp (F): 50.0		
Sample Press (PSIG): 77.0		
Press Base: 14.73		

Component	Mole %	GPM	Others	Mole %	GPM
Methane	89.1896	0.0000	Carbon Dioxide	0.5308	0.0000
Ethane	6.0483	1.6215	H2S	0.0000	0.0000
Propane	2.6806	0.7403	Nitrogen	0.1434	0.0000
Iso Butane	0.5190	0.1703	* Hydrogen	0.0000	0.0000
Butane	0.4310	0.1362	* Oxygen	0.0000	0.0000
Iso Pentane	0.1602	0.0587	* Helium	0.0000	0.0000
Pentane	0.0913	0.0332	* Argon	0.0000	0.0000
NeoPentane	0.0000	0.0000	* Carbon Monoxide	0.0000	0.0000
Hexane	0.2058	0.0921			
* Heptane	0.0000	0.0000	Sub Total Others	0.6742	0.0000
* Octane	0.0000	0.0000			
* Nonane	0.0000	0.0000			
* Decane	0.0000	0.0000			
Sub Total GPM	99.3258	2.8523			
Others	0.6742	0.0000			
Total	100.0000	2.8523			

Gravity: 0.6410
Dry BTU: 1132.9
Wet BTU: 1113.2

* Not Tested