

Williams Midstream

M1 - Monthly Gas Meter Volume Statement

Meter: 10030-30
 GQ Source: 01002
 Metering Method: Orifice Meter
 Data Source: Orifice EFM
 Meter Description: LOS MESTENOS COMP FUEL

Period: September 2016
 Closed Date: 06-Oct-2016 14:40

<u>Time</u>	<u>Stat Rng</u>	<u>Temp Rng</u>	<u>Diff Rng</u>	<u>Tube Dia</u>	<u>Orif Dia</u>	<u>Tap Type</u>	<u>Tap Loc</u>	<u>Press Base</u>
01-Sep-2016 08:00	0 - 500	0 - 150	0 - 250	2.067	0.875	Flange Tap	Upstream Tap	14.73

Field Device Local Time	Avg Press (PSIA)	Temp (F)	Diff Prs (inches of H2O)	Flow Time (Hour)	Spec Grav	N2 (mol %)	CO2 (mol %)	Heat Val (BTU(60)/CF)
01-Sep-2016 8:00:00 AM	169.40	60.00	14.37	24.00	0.765	1.175	0.675	1306.0234
02-Sep-2016 8:00:00 AM	168.87	60.00	14.39	24.00	0.765	1.175	0.675	1306.0234
03-Sep-2016 8:00:00 AM	169.16	60.00	14.17	24.00	0.765	1.175	0.675	1306.0234
04-Sep-2016 8:00:00 AM	169.22	60.00	14.11	24.00	0.765	1.175	0.675	1306.0234
05-Sep-2016 8:00:00 AM	169.00	60.00	13.91	24.00	0.765	1.175	0.675	1306.0234
06-Sep-2016 8:00:00 AM	169.12	60.00	14.06	24.00	0.765	1.175	0.675	1306.0234
07-Sep-2016 8:00:00 AM	169.20	60.00	14.41	24.00	0.765	1.175	0.675	1306.0234
08-Sep-2016 8:00:00 AM	169.71	60.00	14.27	24.00	0.765	1.175	0.675	1306.0234
09-Sep-2016 8:00:00 AM	168.61	60.00	14.32	24.00	0.765	1.175	0.675	1306.0234
10-Sep-2016 8:00:00 AM	169.32	60.00	14.35	24.00	0.765	1.175	0.675	1306.0234
11-Sep-2016 8:00:00 AM	169.37	60.00	14.20	24.00	0.765	1.175	0.675	1306.0234
12-Sep-2016 8:00:00 AM	168.37	60.00	14.40	24.00	0.765	1.175	0.675	1306.0234
13-Sep-2016 8:00:00 AM	168.70	60.00	14.22	24.00	0.765	1.175	0.675	1306.0235
14-Sep-2016 8:00:00 AM	168.90	60.00	13.86	24.00	0.765	1.175	0.675	1306.0234
15-Sep-2016 8:00:00 AM	169.65	60.00	14.30	24.00	0.765	1.175	0.675	1306.0234
16-Sep-2016 8:00:00 AM	169.19	60.00	14.41	19.73	0.765	1.175	0.675	1306.0234
17-Sep-2016 8:00:00 AM	168.92	60.00	15.03	19.86	0.765	1.175	0.675	1306.0234
18-Sep-2016 8:00:00 AM	168.85	60.00	14.78	24.00	0.765	1.175	0.675	1306.0235
19-Sep-2016 8:00:00 AM	166.45	60.00	15.14	24.00	0.765	1.175	0.675	1306.0234
20-Sep-2016 8:00:00 AM	165.91	60.00	15.35	24.00	0.765	1.175	0.675	1306.0234
21-Sep-2016 8:00:00 AM	165.86	60.00	15.51	24.00	0.765	1.175	0.675	1306.0234
22-Sep-2016 8:00:00 AM	166.43	60.00	14.81	24.00	0.765	1.175	0.675	1306.0234
23-Sep-2016 8:00:00 AM	166.61	60.00	15.78	24.00	0.765	1.175	0.675	1306.0234
24-Sep-2016 8:00:00 AM	166.12	60.00	15.61	24.00	0.765	1.175	0.675	1306.0235
25-Sep-2016 8:00:00 AM	165.50	60.00	15.33	24.00	0.765	1.175	0.675	1306.0234
26-Sep-2016 8:00:00 AM	166.17	60.00	15.71	24.00	0.765	1.175	0.675	1306.0234
27-Sep-2016 8:00:00 AM	166.04	60.00	15.47	24.00	0.767	2.812	0.631	1283.1536
28-Sep-2016 8:00:00 AM	166.01	60.00	15.44	24.00	0.767	2.812	0.631	1283.1536
29-Sep-2016 8:00:00 AM	165.47	60.00	15.82	24.00	0.767	2.812	0.631	1283.1536
30-Sep-2016 8:00:00 AM	165.00	60.00	15.63	24.00	0.767	2.812	0.631	1283.1536
Total				711.59				
Average	167.80	60.00	14.78	23.72	0.765	1.393	0.669	1302.9741
Maximum	169.71	60.00	15.82	24.00	0.767	2.812	0.675	1306.0235
Minimum	165.00	60.00	13.86	19.73	0.765	1.175	0.631	1283.1536

Pressure Base: 14.73 PSI
 Temperature Base: 60 F
 Delivery Conditions: Dry
 Atmospheric Press: 11.6 PSI

Contact:
 Phone:
 Fax:

Temp Base Orif Calc HV Calc Supercomp
 60.00 AGA-3 1992 GPA-2145-09 iA-8 1992 Detail

Volume (MCF @ 14.73 PSI)	Volume (MCF)	Energy (MMBTU(60))	Flow Extension	Modified After Close	Meter Status
219	219	286	49.328		Active
219	219	286	49.296		Active
218	218	284	48.949		Active
217	217	284	48.860		Active
215	215	281	48.474		Active
217	217	283	48.765		Active
219	219	287	49.379		Active
219	219	285	49.203		Active
218	218	285	49.123		Active
219	219	286	49.285		Active
218	218	285	49.035		Active
219	219	286	49.243		Active
218	218	284	48.972		Active
214	214	280	48.334		Active
219	219	286	49.250		Active
180	180	235	49.332		Active
185	185	242	50.367		Active
222	222	290	49.943		Active
223	223	291	50.186		Active
224	224	293	50.448		Active
225	225	294	50.715		Active
220	220	288	49.638		Active
228	228	297	51.269		Active
226	226	295	50.923		Active
224	224	292	50.364		Active
227	227	296	51.081		Active
224	224	287	50.633		Active
224	224	288	50.613		Active
227	227	291	51.151		Active
225	225	289	50.776		Active
6552	6552	8536			
218	218	285			
228	228	297			
180	180	235			

ATTACHMENT A

Operating Permit #: R6NM-04-10-R1-M1
Facility: Los Mestenos Compressor Station
Monitoring Period: April 1, 2016 - September 30, 2016

Condition 3.2.5.1 fuel consumption
3.2.6.5 hours of operation

Emission Unit 1 - Solar Saturn 1200
fuel meter #10030-30
fuel limit = 99.9 mmcf/yr (condition 3.2.2)
from bob3 reports

Month	monthly fuel heat capacity, Btu/scf	monthly hours of operation	monthly fuel use mmcf/mo	monthly avg fuel use cf/hr	12-mo fuel use mmcf/yr
Apr-16	1264	710.9	6.947	9772	79.496
May-16	1277	642.1	6.005	9352	78.717
Jun-16	1294	711.1	6.450	9071	80.218
Jul-16	1294	487.6	4.315	8849	78.150
Aug-16	1303	735.5	6.558	8916	77.972
Sep-16	1303	711.6	6.552	9207	77.983

see corresponding highlights on tab "Measurement data"