

## DAILY REPORT

OCCIDENTAL, OMAN  
SAFAH METERING STATION

23/12/17 00:00:05  
(yy/mm/dd hh:mm:ss)

SALES GAS TO : OMAN GAS COMANY  
Product ID : NATURAL GAS  
Flow Computer : 27-FRQY-201B

Meter Tag.No : 27-FIT-201B

Daily Gross	389079.100	ft <sup>3</sup>	10996.216	m3
Daily Net	44787226.667	Sft3	1265783.757	Sm3
Daily Mass	2359805.954	lb	1070.390	t
Daily Energy	53905.905	GJ	53905.905	GJ
Daily Energy	51092.940	MMBTU	51092.940	MMBTU

Cummulative Gross	641224661.200	ft <sup>3</sup>	18122393.843	m3
Cummulative Net	61652479119.435	SCF	1742432216.940	Sm3
Cummulative Mass	3231439895.306	lb	1465756.481	t
Cummulative Energy	74174333.564	GJ	74174333.564	GJ
Cummulative Energy	70303703.239	MMBTU	70303703.239	MMBTU

## DAILY AVERAGE :--

Inuse Temperature	117.172	OF	47.318	OC
Inuse Pressure	1533.484	psi	10573.000	kPa
BASE DENSITY	0.0527	lb/ft <sup>3</sup>	0.8440	kg/m <sup>3</sup>
Line density	6.0652	lb/ft <sup>3</sup>	97.1546	kg/m <sup>3</sup>
Relative density	0.6900		0.6900	
Line Compressibility (Zn)	0.8143	-	0.8143	
Base Compressibility (Zb)	0.9970	-	0.9970	
Gross Heating Value	1140.7691	BTU/ft <sup>3</sup>	42.5862	MJ/Sm3
VOG	7.27	ft/s	2.22	m/s
SOS (Line Condition)	397.48	m/s	397.48	m/s

## GAS COMPOSITION AVERAGE:--

		In-Use	GCA	GCB	Unit
Nitrogen	N2	1.5251	1.5251	1.4952	mol%
Carbondioxide	CO2	2.2656	2.2656	2.2593	mol%
Methane	CH4	81.2297	81.2297	81.2764	mol%
Ethane	C2H6	9.5372	9.5372	9.5342	mol%
Propane	C3H8	4.1054	4.1054	4.0908	mol%
i-Butane	i-C4H10	0.5539	0.5539	0.5573	mol%
n-Butane	n-C4H10	0.6449	0.6449	0.6466	mol%
i-Pentane	i-C5H12	0.0742	0.0742	0.0739	mol%
n-Pentane	n-C5H12	0.0458	0.0458	0.0454	mol%
n-Hexane	n-C6H14	0.0182	0.0182	0.0182	mol%

## Conversion Factor (As Per Sales Agreement):

-----  
1 m3 = 35.383 ft3  
1 MMBTU = 0.947817 GJ  
1 MJ/Sm3 = 26.7871166 Btu/Sft3