Twister E60 - Compressed Air Pumping Model

Well Information

Elevation: 6,700 feet
Temperature: 32 °F
Number of Wells: 3
Gage Pressure: 100 psi

Total Actual Gas Flow: 14.8 cfm

Natural Gas Weight: 0.0438 pcf (at 60 °F)

CO₂ (Flared NG): 128.4 lbs/Mcf

NG Cost: \$2.93per MMBtu

Natural Gas Cost: \$3.00 per Mcf

Actual Atm. Pressure: 11.47 psi

Std. Atm. Pressure:

Disclaimers:

<u>Actual</u>

				Methane	Ethane, Propane,		
	NG Flow		NG Saving	85%	90%	95%	0%
	(cfm)	(cfd)	(\$/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)
Total	14.8	21,312	\$64.01	793	840	887	0
Per Well	4.9	7,104	\$21.34	264	280	296	0

Standard

				Methane	Ethane, Propane,			
	NG Flow		NG Saving	85%	90%	95%	0%	
	(scfm)	(scfd)	(\$/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	
Total	118.7	170,967	\$513.46	6365	6,740	7,114	0	
Per Well	39.6	56,989	\$171.15	2,122	2,247	2,371	0	
	Total	(scfm) 118.7	(scfm) (scfd) Total 118.7 170,967	NG Flow NG Saving (scfm) (scfd) (\$/day) Total 118.7 170,967 \$513.46	(scfm) (scfd) (\$/day) (lbs/day) Total 118.7 170,967 \$513.46 6365	NG Flow (scfm) NG Saving (scfm) 85% 90% (scfm) (scfd) (\$/day) (lbs/day) (lbs/day) Total 118.7 170,967 \$513.46 6365 6,740	NG Flow NG Saving (sefm) 85% 90% 95% (sefm) (sefd) (\$/day) (lbs/day) (lbs/day) (lbs/day) Total 118.7 170,967 \$513.46 6365 6,740 7,114	

1)

2)

14.696

psi (at 60 °F)

3)