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This is a submission to the Narrabri / Santos Coal Seam Gas

I strongly OBJECT to this project and believe that it should be rejected on the following grounds but not limited to only them.

#1 I was on the first CCC of Eastern Star Gas until Santos bought the company, I was then given the opportunity and did join Santos CCC. At the very first meeting Peter Mitchley then Santos Eastern manager stated that Santos would get a gas field in the Pilliga irrespective of any community resistance, and had full State and Federal Government support. He also said that Santos had \$15 million to spend on repair and upgrading of the Pilliga project and \$5 million to buy the community.

#2 Firstly there is no gas shortage, this so called shortage is brought about by the gas companies themselves.

Caused by over developing infrastructure at Gladstone, by selling more gas overseas than they had and thus creating an artificial shortfall and in turn raising domestic gas prices. This Pilliga project will not lower gas prices, Santos knows this, gas usage is dropping, renewables are here now and are cheaper, NSW is now getting 100% of its gas needs. Any increase in gas production will go to export .

# 3 Santos does not have community acceptance, Santos has spent over \$6 million buying the Narrabri community, what acceptance they do have is of little long term benefit to the community it has been blown on sporting clubs, newspaper adds, rugby sponsorship etc.

# 4 Santos has a very slick well developed program that they follow to divide the community and win supporters, a system used and developed in America, give the community a few trinkets and beads, give a few jobs to the Indians, divide the community then Rape and Pillage (the country for the riches it can give) very simple and effective.

# 5 Santos has succeeded in dividing Narrabri , on one hand you have the supporters who are the few people and their families (eg sons, parents and grandparents that work for Santos) the sporting clubs that receive large amounts of money from Santos (blood money). Then you have the spruiker for Santos that attend every function in town voicing the Santos way, then you have the people that either rent, hire or provide a service to Santos for financial gain.

In the middle there is a large number of fence sitters that don't have an opinion even after years of listening.

On the other side of the fence you have the people that are well informed that have seen the destruction of farmland, the loss and or contamination of groundwater the divided communities also the loss of sense of belonging.

# 6 More than 96% by Poll of farmers in the Narrabri, Gunnedah, Moree, Coonabraban, and Coonamble Shires don't want anything to do with CSG these are the people that will be most affected by possible loss of ground water and or contamination of water, this is a non sustainable industry.

Peter Mitchley also said he was QUIETLY CONFIDENT that this project would not affect ground water what scientific basis does QUIETLY CONFIDENT mean.

# 7 Santos never tells the full story, although they rarely tell a lie, eg for years 850 wells was the number to be drilled, now in the EIS it is 890. 60 to 120 permanent jobs only 40 expected in Narrabri, 1200 jobs during construction almost all will be in workers camp in the Pilliga, all fly in fly out workers, not one dollar will be spent in Narrabri, these are some of the twisting of truths we have been listening to for years.

Peter Mitchley at the first CCC also said this was stage one of up to 10 stages Santos used to talk about the other stages but not now, too much community backlash, once stage one is approved Santos will sneak thru more stages with stealth like a malignant cancerous growth

# 8 Another State significant approved project is the Hunter Queensland pipe line which is back on the agenda this is a 600mm pipe line to connect Queensland to Newcastle with gas, so I ask where does this leave the Pilliga Project. It has the potential to supply every molecule of gas to Newcastle and Sydney.

What about the new import terminal at Port Botany, another State significant project, it also has the potential to supply all of Sydneys gas at a much cheaper cost than Santos or Hunter projects.

# 9 Santos says it does not intend to frack that means NOTHING it leaves the door open to frack and no doubt will towards the end of the life of each well as one politician said to get every last molecule of gas out of the ground. If Santos does not frack the next operator probably will, when Santos is finished with the project and on sells for \$1. Santos is absolved of all responsibility of the infrastructure and mess of the project that is left behind.

# 10 What is going to happen to the CSG produced water, up to 40 billion litres, most of it in the first 10 years of the project, this is a highly contentious figure some scientists think that the figure could be up to ten times this number.

# 11 In the EIS the excess produced water from Leewood is going to be released into the Bohena Creek at high water flow, but the high flow is measured 5 kilometres away from the dump point, the water measuring point can be at high water flow but the dump point can be dry. There is at least 2 creeks that run into Bohena creek after the dump point.

# 12 What will happen to the 115 tonnes of salt per day that is going to be produced, This figure is not correct, it is based on being 30% as salty as sea water, in actual fact Santos says in their EIS it can be as high as 50% as salty so the figure goes to 170 tonnes per day. Santos says they will sell it to industry for manufacturing, dream on Santos, what about the other 2000 tonnes or more produced in Queensland per day, will our Shire recycling centre be expected to take it, at whose expense and who is going to look after the salt pit for the next millennium without contaminating the groundwater.

# 13 Santos says that the water table in the Gunnedah Oxley Basin WILL be heavily impacted, how can this be allowed, and that drawdowns in the Namoi alluvium can be managed, HOW and who are going to be the losers. Every time it is the small people that get hurt while the FAT CATS in the company get bonuses and politicians get jobs in these mining companies after leaving politics. **THESE ARE THE FACTS AND WILL HAPPEN.**

Santos does not take into account fully the accumulating impacts on water drawdown some modelling has been done, but modelling in the last year or so has not taken into account the expansion of most coal mines in the Gunnedah / Namoi basins.

# 15 The Government has over the last 30 years very cleverly capped and piped a lot of artesian bores in regional NSW, the reason is clear now, it is stealth and deceit of these programmes and the reasons come out years later, so that when Santos dewateres the coal seam there will be more water

above the seam and that the measurable drawdown will take longer to recognise, by the time the gravity of the situation is realised Santos will be gone.

# 16 Santos has already managed to contaminated two perched water aquifers and badly contaminated a third, by Radio active poisoning, this has been well documented, due to leaking brine ponds. The water and salts have taken the Radio active materials out of the soil depositing them in these perched aquifers at one stage Santos was trying to de-water the top aquifer but gave up due to the constant refilling thru the sandstone.

# 17 The community benefit fund is another dream Santos it is trying to progress, when Santos took over it was going to be \$200 million dollars then \$170 million it is now \$125 million bear in mind this is a voluntary fund no guaranteed money.

This campaign is very similar to the one run by the cigarette companies years ago. It is up to the person that has suffered the damage to prove it, with Santos slick team of lawyers that is almost an impossibility.

WFI insurance company will not insure farms or property with CSG development on their land.

Company Directors and General Managers will at some stage be beholding by law to make sustainable and non polluting decisions and will be held accountable in the courts by knowing that the decisions they make now could have polluting problems in the future .Who is going to look after the abandoned gas wells for the next 1000 years, to make good in many cases is not possible.

This project does not follow the Precautinary triple bottom line principal, does not have Community acceptance, will not lower gas prices, has the possibility to damage the environment, is not wanted, is not needed.

If Santos had invested the \$3 billion dollars that they supposedly done in the Pilliga and invested it in multiple smaller renewable projects what a legend this company would be now.

Why are we the community still going thru this IPC debate the project has never had community acceptance. The tens of millions of man hours wasted by Santos and the community have now been lost forever with no gain to Australia.

Ron Campey.