

Analisis dampak pengelolaan air terproduksi minyak bumi (kajian keefektivan pengelolaan air terproduksi minyak bumi dengan menerapkan sumur injeksi pada PT X dan dampaknya terhadap perusahaan, lingkungan dan masyarakat di Pulau Salawati, Kabupaten Sorong, Provinsi Papua Barat) = Analysis of petroleum produced water management impact (study of effectiveness petroleum produced water by wells injection implementation at PT X and its impact to the company, environment and society in Salawati Island, Sorong, West Papua) / Dhanu Budhi Dharmika

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Abstrak

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Analisis terhadap penerapan pengelolaan air terproduksi minyak bumi dengan menerapkan sumur injeksi sampai dengan saat ini belum pernah dilakukan terutama dampak yang ditimbulkan dari penerapan pengelolaan air terproduksi Tujuan dari riset ini untuk menganalisis apakah penerapan dari pengelolaan air terproduksi dari usaha migas yang telah dilakukan oleh perusahaan yang berada di Pulau Salawati berdampak terhadap perusahaan lingkungan dan masyarakat Penelitian ini menggunakan metode kuesioner untuk melihat pengelolaan terhadap limbah air terproduksi lingkungan kerja lingkungan sekitar tempat kerja komitmen perusahaan dan persepsi pekerja dan masyarakat Metode lain juga dilakukan untuk mengukur beban lingkungan dan menganalisis keekonomian perusahaan yang merupakan dampak dari penerapan sumur injeksi Penelitian ini juga membuktikan bahwa adanya pengaruh yang signifikan dari komitmen perusahaan terhadap penerapan pengelolaan air terproduksi dan lingkungan kerja Pengelolaan air terproduksi yang dilakukan perusahaan memiliki pengaruh terhadap lingkungan kerja dan lingkungan sekitar tempat kerja dan lingkungan tempat kerja berpengaruh terhadap persepsi pekerja dan masyarakat Penerapan sumur injeksi berpengaruh terhadap keekonomian perusahaan dengan cara peningkatan produksi minyak dan tekanan dari sumur sumur produksi serta mengurangi dampak pencemar ke lingkungan.

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ABSTRACT

Analysis of the application of petroleum produced water management by wells injection has not been implementation until now especially the impact of the implementation of the produced water management The purpose of this research was to analyze whether the application of the produced water management from oil and gas operations which have been carried out by companies that are on the Salawati Island give an impact to the company the environment and society This research uses a questionnaire to see to the produced water waste management workplace environment outside of workplace environment commitment of the company and the perception of workers and the society Other methods are also performed to see the environmental burden and the economic impact of the company 39 s which the wells injection implementation The study also proves that there is significant influence of the company 39 s commitment to the implementation of the produced water management and the working environment Produced water management has a influence with the work environment and the workplace environment and the workplace

environment gives affects to the perception of workers and the society Implementation of well injection gives affect to the economics of the company by increasing oil production and maintain the pressure of production wells and reduce the impact of pollutants into the environment. , Analysis of the application of petroleum produced water management by wells injection has not been implementation until now especially the impact of the implementation of the produced water management The purpose of this research was to analyze whether the application of the produced water management from oil and gas operations which have been carried out by companies that are on the Salawati Island give an impact to the company the environment and society This research uses a questionneire to see to the produced water waste management workplace environment outside of workplace environment commitment of the company and the perception of workers and the society Other methods are also performed to see the environmental burden and the economic impact of the company 39 s which the wells injection implementation The study also proves that there is significant influence of the company 39 s commitment to the implementation of the produced water management and the working environment Produced water management has a influence with the work environment and the workplace environment and the workplace environment gives affects to the perception of workers and the society Implementation of well injection gives affect to the economics of the company by increasing oil production and maintain the pressure of production wells and reduce the impact of pollutants into the environment.]