



GasBlock

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GSBL

INDEX

1. Vision and status of Shale Gas abstractions	3
2. Why Gas GasBlock, now?	5
3. Blockchain protocol that GasBlock adopted	7
4. GasBlock Economy model	9
- Economic Evaluation Phase for Mining Candidates	
- Evaluation and management of efficiency and safety in the mining process	
- Eliminating risk factors and increasing economic feasibility in the process of gas refining and commercialization	
- Cost analysis and institutional sales pricing by country	
5. GasBlock Expanding business incentive for initial stage	10
6. GasBlock Wallet	11
7. GasBlock Cost spending and allocations	12
8. RoadMap	13
9. Exemption clauses	14

01

Vision and status of Shale Gas abstractions

Shale gas refers to natural gas developed and produced in the hydrocarbon-rich shale layer (root rock), and shale is called blood rock in Korean, and refers to sedimentary rock formed by lumping mud with small particle sizes.

Shale gas is a gas extracted from this blood rock and is called non-traditional natural gas because it is collected from a different rock layer than traditional gas fields. It can be used as heating fuel or petrochemical material because of technical restrictions.

It is true that the development of many eco-friendly energy such as electricity, solar power, hydro power, and wind power is booming in recent years, but traditional energy sources such as shale gas have not diminished their importance in traditional industries, such as large internal combustion engines, large diesel engines, large excavators, locomotives, and tanks.

Moreover, the value and prospects of shale gas are higher than ever, with Russia's gas supply disruption and the supply chain imbalance of global energy to Ukraine and its neighbors.

01 Vision and status of Shale Gas abstractions

In particular, the U.S. energy industry, which owns a large portion of shale gas, is enjoying a more prosperous performance than ever, thanks to rising prices of other energy sources.

연합뉴스 | 최신기사 정치 북한 경제 산업 사회 전국 세계 문화 라이프 연예 스포츠 오피니언 사람들 비주얼뉴스 제보

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뉴스홈 | 최신기사

에너지가격 상승에 美 셰일업계 가스로 '횡재'...해상유전도 붐

송고시간 | 2022-09-01 14:46

구정모 기자
기자페이지

| 셰일가스, 골칫거리에서 '복덩이'로 변신

(서울=연합뉴스) 구정모 기자 = 석유·천연가스 가격이 급등하자 미국의 셰일오일 회사들이 가스로 때 아닌 '횡재'를 하고, 상대적으로 비용이 많이 드는 해상유전 프로젝트가 부활하고 있다.

31일(현지시간) 로이터통신에 따르면 미국에서 셰일오일을 생산할 때 생기는 귀찮은 부산물로 여겨졌던 셰일가스가 최근 천연가스 가격 상승으로 셰일업체의 '복덩이'로 변했다.

천연가스 가격은 8월 말에 북미 가격지표인 헨리 허브 기준으로 100만BTU(열량단위)당 10달러를 웃돌아 2008년 이후 최고치를 기록했다.

복권 소액으로 건전 희망이되고 행복

GA

핫뉴스 →

*Source : <https://www.yna.co.kr/view/AKR20220901097700009?input=1195m>

02 Why Gas GasBlock, now?

The longer-than-expected trend of this imbalance in international energy supply has led to a surge in demand for traditional high-efficiency energy sources such as shale gas, but also new markets.

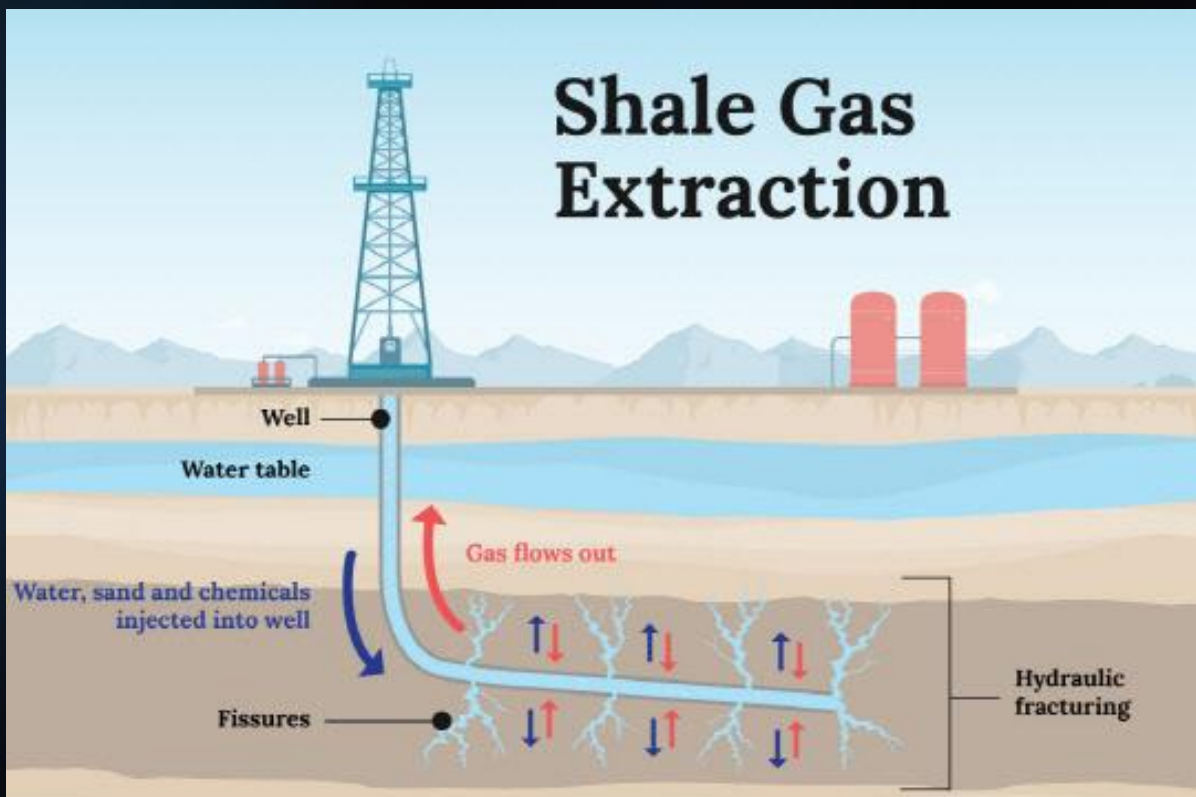
But the problem is that from the start of shale gas mining, the entire process of evaluating gas wells, actual preparation, production measurement during mining, gas transport, supply chain allocation, pricing, global price adjustment, etc. is huge, and the industry's operations are not advanced and computerized enough for the 20th century.

This fact that all processes from gas drilling to final consumer delivery and payment are not modern is causing astronomical losses and inefficiencies in the operation of the global shale gas business.

These are challenges that must be addressed in this massive project, with hundreds of companies, public institutions, and thousands of people in the process of gas mining, inland drilling sites, mining heavy machinery, gas refineries, gas refining and sorting plants, cost analysis and sales pricing, and inventory management.

02 Why Gas GasBlock, now?

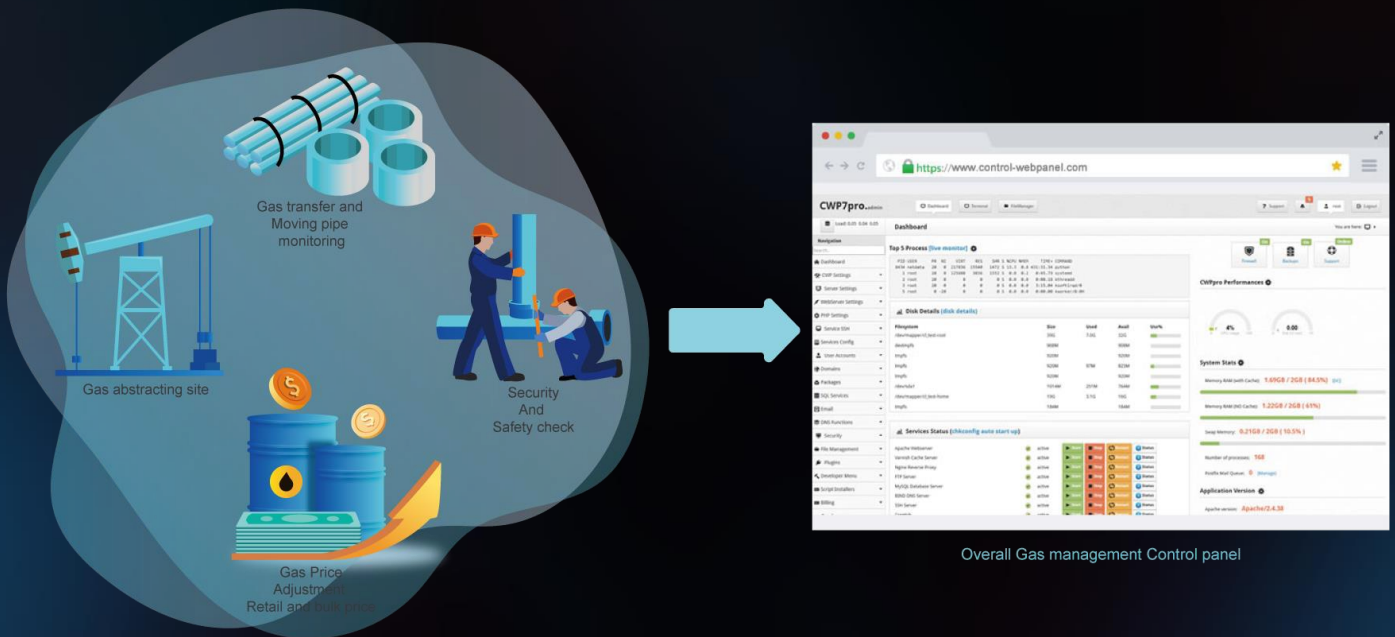
From the evaluation stage of the economic feasibility of oil wells and mining areas, all data must be transparently disclosed to related companies and assessment agencies to increase priority in areas where economic feasibility is secured. It is natural that the safety and profitability of the project are guaranteed only when the project is carried out within the mining area where the economic evaluation has been completed, and the rest of the refining, transportation, upgrading, manpower management, and price management are carried out transparently and safely.



*Source:

https://www.google.com/search?q=%EC%85%B0%EC%9D%BC%EA%B0%80%EC%8A%A4+%EC%B1%84%EA%B5%B4&tbm=isch&ved=2ahUKEwi0__uwiPr5AhXPEogKHU22CXcQ2-cCegQIABAA&oq=%EC%85%B0%EC%9D%BC%EA%B0%80%EC%8A%A4+%EC%B1%84%EA%B5%B4&gs_lcp=CgNpbWcQAzIECAAQGFCxPFIFTWDGT2gEcAB4AYABf4gB9weSAQMwLjmYAQCgAQGqAQtn3Mtd2l6LWltZ8ABAQ&sclient=img&ei=CAoUY7TbOc-loATN7Ka4Bw&bih=738&biw=1707#imgrc=caSppDU58xMfKM

03 Blockchain protocol that GasBlock adopted



Data transparency, transaction security, data security, and the instantaneousness of data processing in mining and global distribution are essential not only for the profitability of the business but also for the long-term operation. We have introduced a blockchain based on the Ethereum-based ERC20 protocol, which processes millions of transactions and data per day in more than 120 countries around the world.

Due to the nature of the blockchain, it is impossible to falsify or reproduce data, has high transparency and efficiency, and has extremely low characteristics because it does not use a server at cost. Taking full advantage of these advantages, we will apply ERC20 technology to all processes of shale gas development and distribution, and start development work only on sites with guaranteed mining economy. All processes are recorded in real-time on Ethereum-based blockchain nodes, and blockchain data flows and platform components are designed to help key companies and key managers identify real-time and make the best economic decisions.

03 Blockchain protocol that GasBlock adopted

We will create a globally unique enterprise resource planning (ERP) solution and platform dedicated to shale gas biz to provide customized platforms to developers and management organizations that currently play a leading role in shale gas mining in the United States, the United Kingdom, and China, and allocate annual service fees and operating profits.

From the evaluation stage of the economic feasibility of oil wells and mining areas, all data must be transparently disclosed to related companies and assessment agencies to increase priority in areas where economic feasibility is secured. It is natural that the safety and profitability of the project are guaranteed only when the project is carried out within the mining area where the economic evaluation has been completed, and the rest of the refining, transportation, upgrading, manpower management, and price management are carried out transparently and safely.

The algorithm uses the functions:

$$Ch(X, Y, Z) = (X \wedge Y) \oplus (\bar{X} \wedge Z),$$

$$Maj(X, Y, Z) = (X \wedge Y) \oplus (X \wedge Z) \oplus (Y \wedge Z),$$

$$\Sigma_0(X) = RotR(X, 2) \oplus RotR(X, 13) \oplus RotR(X, 22),$$

$$\Sigma_1(X) = RotR(X, 6) \oplus RotR(X, 11) \oplus RotR(X, 25),$$

$$\sigma_0(X) = RotR(X, 7) \oplus RotR(X, 18) \oplus ShR(X, 3),$$

$$\sigma_1(X) = RotR(X, 17) \oplus RotR(X, 19) \oplus ShR(X, 10),$$

- $RotR(A, n)$ denotes the circular right shift of n bits of the binary word A .
- $ShR(A, n)$ denotes the right shift of n bits of the binary word A .
- $A||B$ denotes the concatenation of the binary words A and B .

04 GasBlock Economy model

Economic Evaluation Phase for Mining Candidates

After selecting a mining candidate area, we will share the data extracted at all stages of economic evaluation with evaluation agencies and mining-related equipment and software companies in real time so that economic judgment can be made in real time.

Evaluation and management of efficiency and safety in the mining process

Risk situations in the mining process after the mining begins, serious problems that can cause economic deterioration, and risk factors that can kill will be continuously monitored and sent to officials to maintain the efficiency, safety, and profitability of the mining process.

Eliminating risk factors and increasing economic feasibility in the process of gas refining and commercialization

Safety management through the prevention of explosion accidents in the refining process is a process that can effectively eliminate the most serious threat. The important purification and storage process is made into a blockchain node so that warnings are immediately delivered to all related agencies in case of abnormalities to ensure as important safety as profitability.

Cost analysis and institutional sales pricing by country

When the manager quantifies important events or variables that affect global market prices, the risk and price impact variables will be automatically calculated and reflected in actual cost management in each business process, and the factory price will be automatically calculated based on them.

05 GasBlock Expanding business incentive for initial stage

Enterprise-wide management platform solutions such as gas blocks are key to their sales, with demonstrations of enterprise customers and demonstrations of prototypes (prototypes) with significant levels of completeness before application.

We provide additional quantities depending on the quantity of purchase to achieve the purpose of securing short-term corporate customers by securing funds early on.

Qty of purchasing	Initial business incentive
1~15,000	10%
15,001~50,000	20%



06 GasBlock Wallet

We are planning to release a wallet with web3-based technology that has functions such as safe management, possession, transmission, and transaction of coins.

After the wallet function is settled, the company plans to introduce a function to disclose the current status of all business processes, especially the current number, work status, and profitability of gas mining sites, so that all owners can easily understand the current profitability and business flow.



07 GasBlock Cost spending and allocations

Gas Block, a typical large enterprise blockchain-based ERP solution, is critical to purchasing essential software, obtaining certificates, and having licenses to build platforms early in the market. After that, it is important that the prototype production for actual demonstration and the construction of the DB and blockchain simultaneous link dual chain server using Oracle are completed early and the prototype is released. We are preparing appropriate business allocation to meet the needs of these enterprise natural resource management software.

Total Supply		300,000,000
coin sale	20%	45,000,000
global legal	20%	60,000,000
cost for pre-assessment for economic feasibility for candidate abstracting sites	20%	60,000,000
Building of DB for platform structuring	15%	45,000,000
license purchase of global economic information	20%	60,000,000
Business operations	5%	30,000,000
Sum	100%	300,000,000



- coin sale 20%
- global legal 20%
- cost for pre-assessment for economic feasibility for candidate abstracting sites 20%
- Building of DB for platform structuring 15%
- license purchase of global economic information 20%
- Business operations 5%

Total Supply : 300,000,000

Coin Name : GasBlock Ticker: GSBL protocol: ERC20

08 Roadmap

2021

- Q3 Establishment of GasBlock
- Q4 commencement of prototype designing based on north American shale gas abstracting sites

2022

- Q1 Basic designing of platform
- Q2 standardizing assessment criteria for a new abstracting sites development
- Q3 launching web 3 wallet featuring transaction and custody, and listing at global exchange
- Q4 commencement of market research for advancement of ERP software

2023

- Q1 Expanding listings to Asian and north American exchanges
- Q2 Completion of designing for advanced platform
- Q3 Additional standardization of criteria for shales gas danger assessment
- Q4 Expanding listings to large north American exchanges

09 Exemption clauses

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09 Exemption clauses

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14. GasBlock [GasBlock] cannot be responsible for the buyer's risk due to the loss or leakage of the buyer's private key.

15. It is not free from all risks, including falling coin value, changing market environment, uncertainty, political risks, and competition with competitors. This may disrupt the development of GasBlock, change service direction and business execution plan, and may not be notified in advance.

16. GasBlock [GasBlock] is a technology currently under development, so changes in technology that may occur during the development of technology may have a negative impact on GasBlock [GasBlock].

17. GasBlock [GasBlock] does not delegate or transfer all decisions to others, including the operation policy and suspension of operation of the ecosystem, and all business-related decisions are subject to the autonomy of the GasBlock Foundation and participants.