Shri Subodh Hansda: May I know whether there is any proposal for further agreement for sinking of shafts and development of this project?

Sardar Swaran Singh: That does not arise out of the main question.

Shri Raghunath Singh: May I know what the annual output will be if the mine is worked?

Sardar Swaran Singh: A great deal will depend upon the detailed project report. But it is expected that the minimum that this mine would produce would be about two million tons a year. It may be more, depending upon the investigations and the like.

## White Clay Deposits

```
*683.

Shri Subodh Hansda:

Shri B. C. Majhi:

Shri Nek Bam Negl:

Shri S. C. Samanta:
```

Will the Minister of Steel, Mines and Fuel be pleased to state:

(a) whether it is a fact that white clay deposits have been found in Birbhum in West Bengal;

(b) if so, whether these have any commercial importance; and

(c) what steps Government are taking to exploit them?

The Parliamentary Secretary to the Minister of Steel, Mines and Fuel (Shri Gajendra Prasad Sinha): (a) and (b). Yes, Sir.

(c) It is reported by the Government of West Bengal that certain parties are already exploiting clay deposits here in areas of which they hold leases. The State Government are also considering further applications from private parties for the grant of prospecting licence and mining leases.

Shri Subodh Hansda: May I know whether any analysis has been made in regard to the utilisation of this white clay?

Shri Gajendra Prasad Sinha: Leases have been granted. Some are worked by private parties. Unless the clay is of good quality, those deposits would not have been worked upon.

Shri S. C. Samanta: At present this clay is being utilised by the smallindustry people in that area. May I know what further utilisation is expected of this clay?

Shri Gajendra Prasad Sinha: Further investigation is also going on. During 1960-61, new occurrences have also been located in many parts of this area such as Makhdumnagar, Salko, Sarsal and other places. The exploitation depends upon the further find and investigation which is going on.

श्वी रघुनाथ सिंह : मैं जानना चाहता हूं कि यह जो सफेद मिट्टी मिली है यह किस किस काम भें ग्रा सकता है ? क्या यह मिट्टी ग्रच्छे किस्म के चाय पीने के बर्त्तन ग्रादि बनाने के काम में ग्रा सकता है ?

भी गलेन्द्र प्रसाद सिन्हाः चाईना क्लेका इस्तेमाल कितनी ही चीजों के बनाने में होता है। इससे सिरैमिक्स की चीजें बनाई जाती हैं।

भी रघुनाव सिंहः क्या यह फाईन वर्क के लिये और टी सैंट ग्रादि बनाने के काम में ग्रा सकती है ?

श्री गजेन्द्र प्रसाद सिन्हा: यब प्रश्न यह पूछा गया था कि यह चाईना क्ले कितनी त्रोर कहां कहां मिलती है। यब यह बात के चाईना क्ले मिट्टी के वर्त्तन बनाने के काम य गगी या नहीं ग्रगर यह इत्तिला मांगी जायगी तो बाद में हम दे सकते हैं।

The Minister of Steel, Mines and Fuel (Sardar Swaran Singh): May I add that it is used mostly for pottery work and refractory work? It is not of such high quality as could be used for producing high quality potttery. There are other clay washing plants. One is already ready for being commissioned as a part of the Neyveli project, where the washed clay will be of much superior quality.

## Gas from Cambay and Ankleshwar Oil Fields

+ •685. { Shri M. B. Thakore: Shri Vidya Charan Shukla:

Will the Minister of Steel, Mines and Fuel be pleased to state:

(a) the quantum of associated and non-associated gas to the present and future planned production in Ankleshwar and Cambay Oil fields;

(b) how the O.N.G.C. propose to use this associated and non-associated natural gas; and

(c) how much gas would be wasted in these oil fields before their utilisation actually begins?

The Parliamentary Secretary to the Minister of Steel, Mines and Fuel (Shri Gajendra Prasad Sinha): (a) Production tests are being carried out and the details can be worked out only later depending upon the results of Trial Production.

(b) Part of the gas will be used for pressure maintenance operations in the O.N.G.C. oil fields. The remaining will be available for sale to industries or for thermal power stations.

(c) Non-associated gas will not be produced unless it can be utilised. Comparatively small quantities of associated gas produced during testing of wells along with oil will have to be burnt.

Shri M. B. Thakore: May I know what would be the price of the gas and the annual income out of it?

Shri Gajendra Prasad Sinha: It is too early to indicate what the price and the cost of production will be.

,

Shri M. B. Thakore: May I know what arrangements have been made to store up this gas?

The Minister of Mines and Oil (Shri K. B. Malaviya): The problem of storage of gas is a very complicated affair. We are trying to investigate the possibilities at lower depths, to pump back the gas that we shall produce along with oil, if it is possible, I suppose it is possible and it may be done.

Shri Hem Barua: May I know whether it is a fact that the Oil and Natural Gas Commission propose to stagger some of its programmes and spill them over to the fourth plan and if so, whether the programmes for the utilisation of gas at Cambay and Ankleshwar are proposed to be staggered?

Shri K. D. Malaviya: Yes, we are planning to utilise the natural gas that we shall produce, either incidentally with oil or independently of oil, and these schemes are expected to mature some time by the end of the Third Plan.

Shri C. D. Pande: May I know whether Government are contemplating to distribute the gas for cooking purposes as domestic fuel, just as Burmah Shell are doing in the Maharashtra State?

Shri K. D. Malaviya: Yes, we have started planning for such distribution of gas in Assam and also in Barauni. We hope to do it soon at Ankleshwar and Cambay also.

Shri Yajnik: May I know whether the expectations of getting gas especially from Cambay have been very drastically reduced during the last few months?

Shri K. D. Malaviya: I could not follow the question.

Shri Yajnik: It is felt now that not so much gas  $i_s$  available as was expected before. I want to know whether the expectations have been drastically reduced?

•