

RESTRICTED

ENERGY/WP.3/GE.1/6
17 June 1993

Original: ENGLISH

COMMITTEE ON ENERGY
Working Party on Gas

Meeting of Experts on Natural Gas Resources
Sixteenth session 1-2 June 1993

REPORT

ATTENDANCE

Germany, 1. The session was attended by representatives of Austria, Croatia,
Netherlands, Poland and Russian Federation.

AGENDA ADOPTED (Agenda item 1)

2. ENERGY/WP.3/GE.1/5

MEETING DECISIONS OF THE WORKING PARTY ON GAS CONCERNING THE ACTIVITIES OF THE
OF EXPERTS (Agenda item 2)

Documentation: ENERGY/WP.3/5, para. 14, programme elements 07.5.5.5,
07.5.5.5.1; 07.5.5.5.2; 07.5.5.5.3; 07.5.5.4; 07.5.5.5.5.

Party 3. The Meeting of Experts took note of the decisions of the Working
of concern to its work.

GE.93-31737 /4994e

COMPILATION OF A CLASSIFICATION OF NATURAL GAS RESERVES AND RESOURCES
(Agenda item 3)

Documentation: ENERGY/WP.3/GE.1/R.1/Rev. 2, GAS/GE.4/R.31/Addenda,
GAS/GE.4/R.57.

4. Decisions:

- Rapporteur
the
- (a) to adopt the final consolidated report prepared by the
from the Russian Federation, with the addition of Croatia to
Classification of Natural Gas Reserves and Resources;
 - (b) to give the final report general release;
 - (c) to delete this topic from the programme of work.

A GAS
RELATIONSHIP BETWEEN THE PRODUCTION TECHNOLOGY AND RECOVERY FACTOR IN
RESERVOIR (Agenda item 4)

6. Decisions:

- Federation, to
to
and
1994;
- (a) to invite Mr. V. Ermakov, Rapporteur from the Russian
prepare a draft questionnaire on "New developments and Needs
Improve Exploration and Production of Natural Gas in Eastern
Central Europe during the Transition Period" by 1 February
 - (b) to review the questionnaire at the next session;
 - (c) to consider at the next session the possibility of organizing
a
Workshop on this subject.

NATURAL
ASSESSMENT OF NATURAL GAS RESOURCES AND ANNUAL COLLECTION OF DATA ON
GAS RESERVES (Agenda item 5)

7. Decisions:

- basis;
to
on
31
- (a) to collect information on natural gas reserves on an annual
 - (b) to request the secretariat to send a reminder to Governments
complete the questionnaire;
 - (c) to invite Governments to submit replies to the questionnaire
their natural gas reserves by 1 March 1994, calculated as of
December 1993;

by

- (d) to request the secretariat to issue the information received
1 May 1994 for consideration at the next session.

HIGH

PROBLEMS ENCOUNTERED WITH NATURAL GAS DEPOSITS LOCATED IN ABNORMALLY
PRESSURE AND TEMPERATURE CONDITIONS (Agenda item 6)

Documentation: ENERGY/WP.3/GE.1/R.6/Add.1

8. Decisions:

(a) to invite Governments to send replies to the questionnaire by

January 1994 to Mr. V. Ermakov, Deputy Director, VNIIGAS
p. Razvilka,, 142717 Moskovskaya oblast, Leninski region,

Federation and to the secretariat;

(b) to invite Mr. Ermakov to prepare a draft report for

the next session, by 1 March 1994.

GLOSSARY OF NATURAL GAS RESERVES AND THE ECONOMY OF THEIR EXPLORATION
(Agenda Item 7)

Documentation: GAS/GE.4/R.55/Addenda

9. Decisions:

(a) to continue work on this subject;

(b) to invite Governments to send their comments on the Glossary

Mr. H. Porth, Rapporteur from Germany, by 1 October 1993;

(c) to invite Mr. Porth to prepare a revised version of the

1 March 1994 for consideration at the next session;

(d) to request the secretariat to send the Glossary to the

the Czech Republic and Slovak Republic for their review and

comments.

ENVIRONMENTAL PROBLEMS ASSOCIATED WITH THE EXPLORATION, PRODUCTION AND
PROCESSING OF NATURAL GAS FOR PIPELINE TRANSPORT (Agenda item 8)

Documentation: GAS/R.177; GAS/R.182 and Add. 1; GAS/R.186; GAS/R.188;
ENERGY/WP.3/R.2/Addenda

10. Decisions:

(a) to conclude work currently under way on this topic;

(b) to delete this topic from the programme of work.

TIGHT
ENCOUNTERED DEVELOPMENTS AND PROSPECTS OF UNCONVENTIONAL GAS RESOURCES, SUCH AS
FORMATIONS, METHANE FROM COAL SEAMS, HYDRATES, ETC. AND PROBLEMS
WITH THEIR PRODUCTION (Agenda item 9)

Documentation: ENERGY/WP.3/AC.9/INF.1

11. Decisions:

- United States of America to nominate an expert for preparing a questionnaire on "developments and prospects of gas hydrates";
- draft to invite Mr. C.Jaracz, Rapporteur from Poland, to prepare a questionnaire on "developments and prospects of gas resources tight formations", by 1 February 1994;
- questionnaire to consider the draft questionnaire at the next session;
- the to invite the delegation of Poland to prepare a draft on the "identification and assessment of methods applied for recovery of methane contained in the surrounding strata of seams", by 1 November 1993;
- coal experts to request the secretariat to send this questionnaire to the of the Working Party on Coal, for review and comments;
- questionnaire on to discuss the draft questionnaire at the next session of the Meeting of Experts;
- methane in to ask the Working Party on Coal to prepare a draft the "viability and criteria of the recovery of coal-bed post-mining activities and marketing strategies";
- (h) to discuss the draft questionnaire at the next session of the Meeting of Experts.

PROGRAMME OF WORK (Agenda item 10)

Documentation: ENERGY/WP.3/GE.1/4

12. Decisions:

- "Compilation of a classification of natural gas reserves and resources" and "Environmental problems associated with the exploration, production and processing of natural gas for pipeline transport";

development of
enhanced

(b) to include in the programme of work a new programme element 07.5.5.5.6 on "Problems related to the assessment and gas condensate reserves and resources, including methods of condensate recovery".

OTHER BUSINESS (Agenda item 11)

Improvement of work of the Meetings of Experts

13. Decisions:

- Gas, to
the
Meetings of
their
with
- (a) to invite Mr. A. Gritsenko, Chairman of the Working Party on
send a letter to the Governments participating in the work of
Working Party, reflecting the important work done by the
Experts and inviting those Governments to cooperate in the
improvement of declining involvement and participation of
experts in the work carried out by the Meetings of Experts;
 - (b) to take note of the information provided by the secretariat
regard to the project on the "Gas Centre for the Promotion and
Development of a Market-based Gas Industry in Economies in
Transition".

DATE OF NEXT MEETING (Agenda item 12)

14. 7-8 June 1994, starting on 7 June at 3 p.m.

ELECTION OF OFFICERS (Agenda item 13)

- (Croatia) were
15. Mr. A. van Adrichem Boogaert (Netherlands) and Mr. A. Bauk
elected Chairman and Vice-Chairman respectively.

ADOPTION OF THE REPORT (Agenda item 14)

- on 2
16. The Meeting of Experts adopted the report on its sixteenth session
June 1993.

ANNEX

PROGRAMME OF WORK FOR 1993-1995

and 07.5.5.5 Assessment of natural gas resources, including geological
geophysical methods of prospecting for natural gas
(continuing)

Description: Assessment and evaluation of natural gas resources,
reserves and
production.

Work to be undertaken: Exchange of views, experience and other relevant
information.

factor 07.5.5.5.1 Relationship between the production technology and recovery
in gas reservoirs (1988-1995)

Description: Exchange of information on recent technologies and related
studies to increase gas recovery. Address issues on increased gas
recovery of
concern to economies in transition.

Work to be undertaken: To consider a draft questionnaire on "new
developments
and needs to improve exploration and production of natural gas in
eastern and
central Europe during the transition period".

deposits 07.5.5.5.2 Problems encountered with the exploration of natural gas
located in abnormally high pressure and temperature
conditions and
very deep geological deposits (1988-1995)

Description: Exchange of information and experience on recent technical
developments in methods of exploration of deep geological formations and
problems encountered with their exploration.

Work to be undertaken: To consider information received and a draft
report on
this subject.

such 07.5.5.5.3 Developments and prospects of unconventional gas resources,
as tight formations, methane from coal seams, hydrates, etc.
and
problems encountered with their exploration and production
(1990-1995)

Description: Exchange of information and experience on production and
utilization of coal-bed methane, including economic, environmental,
safety and
other factors associated with this resource and other non-conventional
gas
resources.

and
and
the

Work to be undertaken: To consider draft questionnaires on "developments prospects of gas resources from tight formations" and "identification assessment of methods applied for the recovery of methane contained in surrounding strata of coal seams".

07.5.5.5.4 Glossary of natural gas reserves and the economy of their exploitation (1988-1995)

Description: Improvement, update and extension of the Glossary.

Work to be undertaken: Consideration of contributions received and of
a final
Glossary.

07.5.5.5.5 Assessment of natural gas resources and annual collection
of data on natural gas reserves (1992-1995)

Description: Annual survey of natural gas reserves.

Work to be undertaken: To consider replies to the annual questionnaire
on
natural gas reserves and to prepare a summary report.

07.5.5.5.6 Problems related to the assessment and development of gas
enhanced condensate reserves and resources, including methods of
condensate recovery (1993-1995)

Description: Exchange of information on recent technologies related to
the
assessment and calculation of condensate reserves and resources and on
problems encountered with the development of gas condensate fields.

Work to be undertaken: To consider organizing a workshop on this
subject.