

# 华北石油局华北分公司

1975~2005

《华北石油局 华北分公司志》编纂委员会 编

中國石化去版社

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《华北石油局 华北分公司志》即将付梓,特表庆贺。该志较为全面系统、客观真实地反映了华北石油局组建30年(1975~2005年)、华北分公司成立4年(2001~2005年)来,以国家能源建设为已任,顺应体制变革,锐意创新进取的发展轨迹,记载了华北石油局人的创业史、奋斗史。

溯源追踪,华北石油局的主体队伍从事油气普查勘採开发已逾50年。祖国的长城内外、大江南北、东海之滨、西域戈壁,乃至国际油气市场,都留下了华北石油局人坚实而豪迈的脚步、辉煌而卓越的业绩,为大庆、胜利、江汉、长庆、中原、河南、江苏、塔河等10余处油气田的发现做出了先导性贡献,获得了近200项国家和省部级成果奖,完成了由计划经济条件下的地勘事业单位向市场经济条件下企业性质的转变,实现了由单纯的油气普查勘探向油气勘探、开发、销售"一体化"的转变。

在长期的油气勘探开发和生产经营实践中,华北石油局人积累了丰富的找油找气经验,经历了体制转换、市场竞争、结构调整等种种考验,培育了专业门类齐全、技术优势突出、作风勇猛顽强的管理、技术、技能人才队伍。在21世纪之初,华北石油局人积极顺应整体并入中国石油化工集团公司的体制变革,牢牢抓住国家加快能源建设、石化集团实施资源发展战略的难得机遇,充分发挥科研、技术和人才优势,奋力拓展油气勘探开发和油气工程施工领域,在继承与创新相结合的发展道路上高歌猛进,迎来了"存续上市同兴旺,成果效益双丰收"的全新局面。

——油气勘探开发在传承中创新,以科技为先导,率先解决了鄂尔多斯盆地天然气低压、低渗、低产的世界级技术难题,以超常规的速度建成年产20亿立方米天然气的大牛地气田,成为中国石化向大华北地区供气的主要单位。石油年产量达到10万吨。目前累计拥有石油探明储量583.70万吨、三级石油储量3225.53万吨,拥有天然气探明储量3293.04亿立方米、三级天然气储量7035亿立方米,为中国石化能源战略提供了雄厚的资源基础,正在努力实现年产300万~400万吨油气当量的新目标。

-—油气工程施工在市场竞争中拼搏奋进,以较强的专业技术和品牌服务优势,在西北、鄂北两大工区创造并保持了多项工区生产、技术指标和全国纪录。尤其是安全优质地完成了亚洲第一深井——塔深1井设计规定的所有钻探作业任务,创造了一系列国内外石油钻井工程技术新纪录;多个专业的工程作业队伍走出国门,参与更高层面、更大范围的国际市场竞争。4700多台套的技术装备达到国际国内先进水平,131支工程作业队伍具有较强的市场竞争力。

——生产经营的快速有效发展,创造了良好的经济效益,带动了生产、工作、生活条件的持续改善,生产工区、生活住宅、办公基地的面貌有了根本性的变化,职工收入逐年稳步提高,营造了一个文明和谐的人文环境和企业氛围。

回首数十年创业创新的发展道路,我们真切感受到:前进征程上的每一步跨越,都离不开原地质(矿产)部、中国新星石油公司、中国石化集团的正确领导,离不开地方党委和政府的关心与支持。发展进程中的每一项成绩成果,都凝结着历届党政班子的集体智慧,凝聚着华北石油局人的顽强拼搏

和无私奉献,展示着华北石油局人特有的精神风貌和独特的企业文化。我在本企业工作已逾30年,与大家共同度过了石油地质勘探时期的艰苦创业,见证了企业体制机制转换的变革实践,共享了企业成长发展过程中突破"瓶颈"、扬眉吐"气"的成功喜悦,亲身感受了几代华北石油局人勤劳质朴、坚韧执着、追求卓越的高贵品格,并以自己能成为这个光荣团队中的一员、能对企业持续有效和谐发展尽绵薄之力而欣慰和自豪。

古今中外,盛世修志。《华北石油局 华北分公司志》的编纂于2005 年1 月在局和分公司"双代会"上提出,当年7 月中旬正式启动。旨在思源慰藉、弘扬传统,总结经验、激励来者。为此,组建了志书编纂委员会和编辑部,遵循"详近略远、实事求是"的编纂原则,以油气勘探开发及其工程施工为主线,着重突出科技进步和技术创新在企业现有生产力发展中的引领推动作用。较为全面系统地记述了华北石油局 30 年、华北分公司 4 年来机构沿革、油气勘查与发现、大牛地气田勘探与开发、石油及其他矿产品开发、煤层气勘探与开发试验、工程作业与市场、科学技术与对外合作交流、多种经营、改革探索与实践、综合管理、党群工作、人物与荣誉等。在编纂过程中,志书零点起步、荟集素材,四次评审、数易其稿,先后采纳数百名干部职工的数千条修改、补充意见,形成了这部图文并茂,融"资治、教化、存史"功能为一体的"全景式"志书。值此志书付梓之际,我们衷心感谢各位各级老领导、老专家、全体干部职工及其家属一直以来为华北石油局、华北分公司持续有效和谐发展做出的努力与贡献,衷心感谢志书编纂者和评审者慎终如始的工作态度和卓有成效的辛勤劳动。

由于时间跨度较大,志书资料的收集和编纂难免有遗漏与偏颇。但总体而言,是几代华北石油局人创业路的素描纪实、奋斗史的质朴写真。蕴涵贯穿于志书中的中国特色社会主义企业成长轨迹和客观规律,作为弥足珍贵的智慧结晶和精神财富,对传承企业文化、促进企业长盛长久长青,具有重要的启迪、借鉴和激励作用。期望大家以史为鉴,与时俱进,继往开来,再创辉煌。

华北石油局局长 华北分公司经理

二〇〇八年十二月二十六日

### **Preface**

"Annals of North China Petroleum Bureau and North China Company" will soon have its premiere and I would like to offer my warm congratulations. The Annals in all respects comprehensively and truthfully reflect the 30 – year history of North China Petroleum Bureau (NCPB) (1975 – 2005) and the 4 – year history of North China Company (NCC) (2001 – 2005). NCPB and NCC have deemed it a task to contribute to the country's energy strategy since their establishment. This Annals is also a record for NCPB's people keeping up with reforming and innovation, forging ahead with determination to achieve growth and development.

We can trace the history of NCPB's oil and gas exploration and development back to over 50 years ago. NCPB's foot-marks have covered every corner of the country, from the areas north and south of the China Great Wall, the areas along the Yangtze River, the East China Sea and the Gobi Desert in the country's far west, as well as the international oil and gas markets. Its activities contributed to the discoveries of more than ten oil and gas fields such as the Daqing, Shengli, Jianghan, Changqing, Zhongyuan, Henan, Jiangsu and Tahe Fields. It has been awarded nearly 200 national and provincial prizes for its achievements in oil and gas exploration and development and has graduated into a market – oriented enterprise from an oil and gas prospecting institute operating under the planned economic regime and completed its transition from an entity solely engaged in oil and gas prospecting to an oil and gas exploration, development and marketing integrated enterprise.

Through years of practice in oil and gas exploration and development, NCPB has accumulated rich experience in exploring for oil and gas, ridden out a host of challenges, from operational system changes and intense market competition to restructuring, and has cultivated a managerial and technical crew made up of technicians and specialists with various specialty backgrounds and strong technological strengths. Since its incorporation into China Petrochemical Corporation (Sinopec) in the early 21st century, NCPB has achieved significant progress in oil and gas exploration and development and in petroleum engineering service market by taking full advantage of its technological and human resource advantages as well as the opportunity when China is quickening its pace of developing the energy industry and when Sinopec is implementing its resource development strategy. Striding forward on the journey of inheritance and innovation, both NCPB and NCC are creating a new phase of all round flourish.

—Placing high value on technologies and innovations. NCC was the first in China to remove the technical bottlenecks in developing the low – pressure, low – permeability, low – productivity gas formations in the Ordos Basin, established the annually gas productivity of 2 – billion cubic meter Daniudi Gas Field at an amazing speed and is the main unit of Sinopec to supply gas to the north China region. NCC currently produces 100,000 tons of oil annually. It has so far located 32.25 million tons of 3P oil reserves (including 5.83 million tons of proven reserves) and 703.5 billion cubic meters of 3P gas reserves (including 329.304 billion cubic meters of proven gas reserves), providing a sound resource guarantee for Sinopec's energy strategy. NCC is now striving to meet its objective of producing 3 to 4 million tons of oil equivalents annually.

—NCPB's petroleum engineering service business is making great strides despite intense competition. By dint of its strong technological strengths and widely recognized quality services, NCPB has set many regional and national construction and engineering records during its operations in northwest China and north Ordos basin. It completed all designed drilling objectives for Well – Tashen – 1, the deepest well ever drilled in Asia, and set a series of new global records for oil well drilling during the operations of the well. NCPB positively participates in overseas engineering operations. It now has more than 4,700 sets of advanced equipment and 131 of its operation teams have strong abilities to compete in the international market.

-The rapid growth of business has created enormous economic returns and led to a continuous improvement of the standards of production of NCPB as well as the standards of working and living of NCPB's employees. A significant

change has taken place in the conditions of the operation fields, the accommodation areas and the headquarter office and NCPB's employees have seen a steady increase in income, highlighting NCPB's harmonious humane and cultural atmosphere.

Looking back on our decades – long history, we are fully aware that every step forward we have taken could not have been made without the well – informed decisions by the leaderships of the former Ministry of Geology and Mineral Resources, National Star Petroleum Company and China Petrochemical Corporation and the support from local CPCs (Communist Party Committees) and governments. Every major achievement made by NCPB is a fruit of collective wisdom of NCPB's executives and a reflection of NCPB staff's perseverance, dedication and unique spirit as well as NCPB's enterprise culture. I have been working for NCPB for more than 30 years, gone through the hard time hand in hand with my colleagues in the early pioneering period, witnessed the change of NCPB's operating system and reconstructuring and, shared the successful joy with our colleagues after the breakthrough of gas exploration and development in Daniudi Gas Fields. I have been very much impressed and moved by NCPB employee's lofty moral attitude, which is characterized by diligence, modesty, perseverance and tenacious pursuit of excellence. I am proud of being a member of this glorious group and being able to contribute to the vigorous development of the enterprise.

In flourishing age, we should record the great achievement. The proposal of compiling annals for NCPB and NCC was brought forward at NCPB and NCC's "Representatives' Conference" in January, 2005, and the work started officially in mid - July 2005, aiming at carrying forward good traditions, learning from the past and inspiring newcomers. To facilitate the work, a compiling committee and an editorial board were established. The principle of compiling the annals is to elaborate on the near past and outline the distant past and is true to facts. The Annals mainly describes NCPB's and NCC's activities in oil and gas exploration and development and petroleum engineering with a special emphasis on the role of technological advances and innovations in promoting productivities. The document gives a detailed introduction to NCPB's and NCC's histories including the changes in their organizational structures, their oil and gas exploration and discoveries, the exploration and development of the Daniudi Gas Field, their development of petroleum and other minerals, experiments in Coalbed Methane exploration and development, engineering operations and marketing, science and technologies, foreign cooperation activities, business diversification, reform quest and practice, integrated management, the relationship between Communist Party and the people, employees and glory. Editors of the Annals had no historical data for reference. They several times modified their drafts after receiving thousands of pieces of opinions from hundreds of employees and came up with this well - illustrated panoramic Annals after going through four panel reviews. On the eve of the Annals' publication, I would like to extend my gratitude on behalf of NCPB and NCC to all retired company officials, experts, and all NCPB and NCC staff and their families for their long - term support and contributions. I would also like to thank the editors and reviewers for their persistently conscientious work attitude and productive hard work.

Given the large time span of the histories of NCPB, there may be omissions and bias during data collection and compiling. On the whole, however, this document is a plain portrait of NCPB's pioneering history and a true record of hardworking of several generations of NCPB staff. NCPB's enterprise growth experience highlighted in the Annals is a valuable spiritual wealth and is of great enlightening, informative and inspiring significance to the inheritance of enterprise culture and the long – term growth of enterprises. Let us learn from the past, keep up with the times and carry forward our cause into the future to embrace yet another brilliant victory.





一、本志是中国石油化工集团华北石油局志和中国石油化工股份有限公司华北分公司志合为一集的厂矿企业志。以马列主义、毛泽东思想、邓小平理论和"三个代表"重要思想为指导,坚持历史唯物主义和辩证唯物主义,遵循国家有关法律、法规,运用现代科学理论和方法,主要记述华北石油局三十年和华北分公司四年的石油天然气勘查开发历程及成果、油气工程与市场、科技与对外合作、多种经营、体制改革探索与实践、综合管理、党群工作等。旨在"思源慰藉、弘扬传统、提升经验、激励来者"。

二、志首设序、凡例、总述、大事记;志书主体设机构与沿革、石油天然气勘查与发现、大牛地气田勘探与开发、石油及其他矿产品开发、煤层气勘探与开发试验、工程作业与市场、科学技术与对外合作交流、多种经营、改革探索与实践、综合管理、党群工作、人物与荣誉等十二篇,志末有附录、编后记。彩照、彩图分组置于正文前后。

三、本志的编纂时限为1975年5月至2005年底。局辖二级单位一般以并入时间为上限;为保持一些重大史实的完整性,鄂尔多斯盆地油气勘查可追溯至1955年。

四、华北石油局及二级机构的组建比较复杂,名称多变,本志特设"机构与沿革"列为第一篇,侧重介绍相应的机构变革。为了行文方便,1975年至1978年的河南石油普查勘探指挥部、国家地质总局河南石油普查勘探指挥部可简称"河南指挥部";1979年至1983年的地质部第二石油普查勘探指挥部可简称"第二指挥部";1984年至2005年的地质矿产部华北石油地质局、中国新星石油公司华北石油局、中国石化新星公司华北石油局、中国石化集团华北石油局等,均简称为华北石油局;中国石化新星公司华北分公司、中国石化股份有限公司华北公公司等,均简称为华北分公司。在正文的记述中,可用"指挥部"、"局"、"分公司"等称谓。

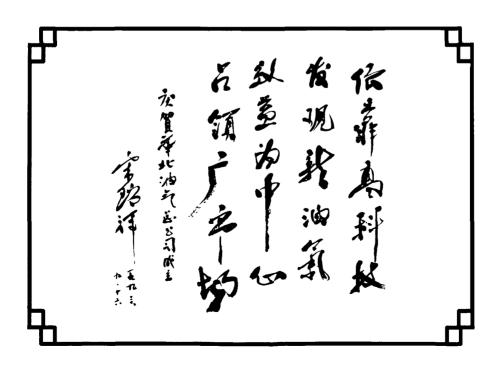
五、下属二级机构或油气勘查、工程作业单位,可用括注内的简称,如第四物探大队(四物)、第三普查勘探大队(三普)、第五普查勘探大队(五普)、第九普查勘探大队(九普)、数字测井站(测井站)、郭店基地的第九普查勘探大队(原九普)、规划设计研究院(规划院)、勘探开发研究院(研究院)。而综合试采大队、第一试采大队、井下作业大队、石油地质大队、地质研究大队和其他重新组建的专业公司、指挥部、项目经理部、采气厂等均采用记述史实时期的原称。

六、地质矿产部、石油地质海洋地质局、中国新星石油公司、中国石油化工集团、中国石油化工股份有限公司分别简称为地矿部、石海局、新星公司、石化集团、石化股份公司;涉及其他上级部门时,一律用全称,不用简称。

七、本志采用篇、章、节与条目相结合的体例,即在节之下采用不分层次、不编序号的条目排列方

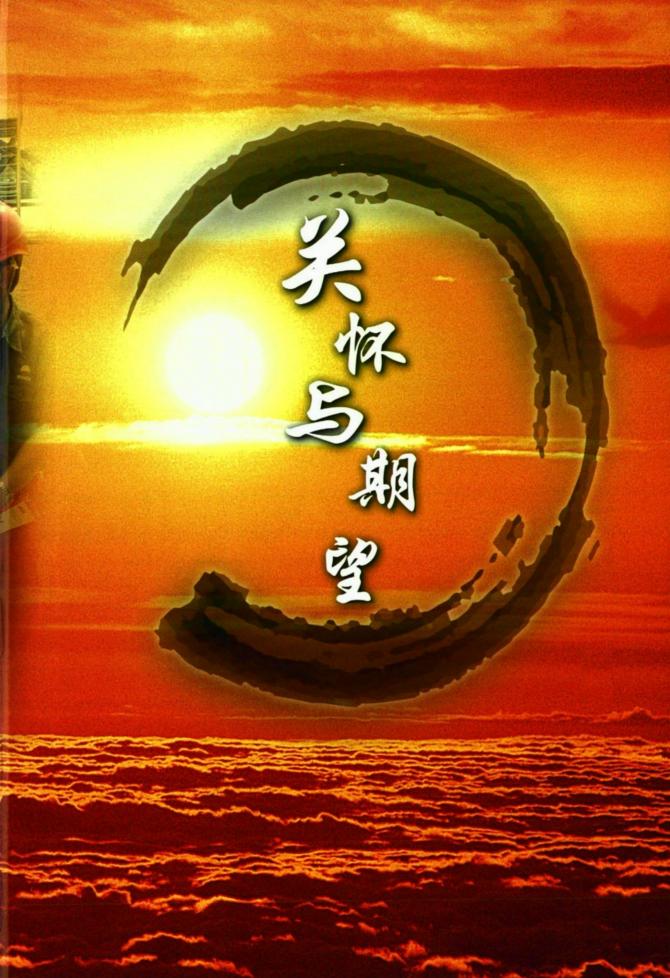
式,条目【】以时为序,直书事件的背景(起因)、时间、地点、人物(或单位)、过程、结果等要素;条目之下设子目或段,不编序号;而条目或子目记述中,一般采取两个层次的序数,依次为"(1)、(2)、(3)、……"和"①、②、③……"。

八、本志版式为大 16 开本、两栏横排、精装一卷本。其中,字体字型、计量单位、数字用法分别以国家颁布的《出版物汉字使用管理规定》、《中华人民共和国法定计量单位》、《出版物上数字用法的规定》为准;科技名词术语以全国名词委公布的《自然科学学科名词术语》和《石油名词》(1994年)、石油工业出版社的《石油工业汉语主题词表》及其增词表、石油行业标准规定的专业名词术语为准。

路路寶十月十月 國石油 

第33年前









2006年元月,中共中央政 治局委员、新疆自治区党委书 记王乐泉接见局长左文岐



2005年8月29日,全国政协副主席李 蒙(左二)等领导视察局西部工程公司 90152HB井队



2002年8月,内蒙古自 治区党委书记储波(右五) 接见中国石化集团和华北石 油局领导