



PETER VYTOPIK

RESUMÉ

STATEMENT

A geologist with over forty years experience in the resource industry. Competencies include technical, managerial and financial skills and a diverse knowledge of the oil & gas sector that supports a great deal of confidence in communication. During this period established many contacts within the industry and governments, not only in Australia but also to varying degrees in Canada, the USA Japan, Korea, Indonesia, and Britain.

Graduated with the qualification of BSc Honours Geology in 1967 from the University of Western Ontario, and worked in Canada until 1982, before moving to Australia. In Canada I was employed by INCO, Hudsons Bay Oil & Gas, Golden Eagle and Total. Since 1982, worked for Santos Ltd, Norcen International Ltd, a number of consultancy positions, Boral Resources/Origin Energy and Cooper Energy.

Engaged in various positions including Senior Geologist, Chief Geologist, Exploration Manager, Overseas Resident Manager and Consultant. Committed to numerous disciplines within geology, geophysics, engineering, drilling operations and the management of exploration and production projects.

The role in management provided guidance in lateral perspective, teamwork, effective planning, promoting recommendations, negotiations, as well as, the ability to work independently. Attributes comprise pride of work and tenacity for meeting objectives. Proficiencies are complimented by the ability to utilise both technical workstations and financial programs. Undertaken numerous geological, geophysical, economics and management courses, which have provided an aptitude towards exploration and structured valuation.

Experiences and information gathered in the course of establishing Cooper Energy has been challenging and rewarding. These involved all aspects of developing a new company including technical exploration, operations, as well as production. Cooper Energy was formed in March 2002 and I joined a few months later as Exploration Manager. In the two plus year, we have participated in nine exploration wells and made three oil and one gas discovery.

Recent experiences are as a consultant, involving data room analysis and recommendation, field reviews, Basin analysis, seismic interpretations, reservoir geology and government compliance reports.

SKILLS SUMMARY

- **Basin Analysis**
 - Tectonic-Stratigraphic relationships.
 - Structural interpretation
 - Stratigraphic correlation and sequence-systems tract interpretation
 - Sedimentology and facies analysis
 - Seismic interpretation and mapping
 - Report composition



- **Hydrocarbon habitat**
 - Seismic sequence lithostratigraphy
- **Prospects**
 - Source rock quantitative and quality analysis
 - Kerogen type and maturity evaluation
- **Reservoirs**
 - Seismic interpretation and mapping
 - Hydrocarbon migration
 - Reserve estimation
 - Risk & probabilistic analysis
- **Operations**
 - Petrophysical analysis
 - Facies analysis and sediment distribution
 - Petrology and diagenesis
 - Parameters and production forecasting
 - PVT fluid phase behaviour
- **Management**
 - Wellsite geology & reservoir evaluations
 - Well proposals and completion reports
 - Partner & engineer communications
 - Organisation & supervision well operations
 - Organisation seismic operations
- **Financial**
 - Permit and operations management
 - Joint Venture and farmout negotiations
 - Strong communicative skills
 - Strategy and project planning
 - Accustomed to presentations and chairing meetings
- **Financial**
 - Budget preparations and control
 - Cash flow forecasting and Investment evaluations
 - Spreadsheet analysis
 - Corporate asset evaluations
 - NPV, Probability and EMV analysis

FOREMOST ACHIEVEMENTS

- Delineate and organisation of seismic operations.
- Organisation and supervision of drilling program.
- Advising management on exploration strategy and budgets related to the "SANTOS" J.V. in the Cooper Basin.
- Geotechnical and economic evaluation of gazetted acreage in the Cooper Basin and the successful acquisition of exploration acreage.
- Economic analysis for the promotion of new fiscal regimes required for Gas exploration and developments in Deep Water Offshore Australia.
- Compiled an extensive and accredited evaluation on the exploration potential of the Timor Sea.
- Formulated a persuasive strategy to acquire large exploration interests in the Timor Sea.
- Prepared successful bids for gazetted exploration acreage in the Ashmore-Cartier and Western Australia.
- Promoted the Cartier Trough Margin exploration play.
- Project analysis for the Planning of Development on the Wunut Gas Field in Indonesia.
- Persuasive role in pursuing and increasing reserves in the Jabiru field from 15 million to 100 million barrels.
- Played a determining role in extending the Challis field from 30 million to 50 million barrels.
- Key influence in the appraisal of the Skua Field.
- Technical evaluations and formulating developments on the Kupe South Gas Field (NZ).
- Offshore wellsite experience in the Timor Sea.
- Organised and operated a four well drilling program in AC/P10.



- Critical contribution to the exploration and appraisal program in the Cooper-Eromanga basins in the early 1980s and 2000s.
- Successful divestment of Santos' interest in a number of permits in the Cooper-Eromanga basins.
- Compiled a rewarding exploration program in the Grande Prairie, Red Earth, Brazeau, Claresholm, Hotchkiss and Utikuma areas of the Western Canadian Basin.
- Extensive well site operations experience in Western Canada, NT and offshore Canada.
- Experience in frontier areas including the Mackenzie Delta and Arctic Islands.

AFFILIATIONS

- 2004-2009 Vytopil Resources
Technical consultant
- 2002-2004 Cooper Energy NL
Exploration Manager - Cooper/Eromanga Basins
- 1997-2002 Boral Energy Resources Ltd. /Origin Energy Resources Ltd.
Staff Geologist, Cooper / Eromanga Basins.
- 1985-1996 Norcen International Ltd.
Senior & Chief Geologist, Exploration Manager & Resident Manager - Northwest Shelf, Perth Basin, Taranaki Basin & Papuan Basin.
- 1982-1985 Santos Ltd.
Team Leader / Chief Geologist - Cooper-Eromanga Basins & Canning Basin.
- 1968-1982 Hudsons Bay Oil & Gas Ltd, Golden Eagle Ltd. & Total Petroleum Ltd.
Exploration Geologist & Team Leader - Western Canadian Basin, Beaufort Sea, Arctic Basin
- 1967-1968 INCO
Mine Geologist. - Sudbury Basin

CONSULTANCY

- 1996-1997 Cultus Petroleum N.L. - geotechnical Offshore WA
- 1996 Petroconsultants Australasian Pty. Ltd. - Deepwater gas economic analysis
- 1996 Novus Petroleum Ltd. - geotechnical
- 2005 Victoria Petroleum - seismic program reports Cooper Basin
- 2006 Stuart Petroleum - wellsite geo. Cooper Basin
- 2006 ECL - Acquisitions Indonesia & NW shelf
- 2006-2007 RPS/ECL for ONGC - Basin analysis, Kerala- Konkan Basin India
- 2008-2009 Santos Ltd - Seismic Interpretation and Reservoir Geology, Cooper Basin
- 2009-2010 Caspian Oil & Gas - Geology and production forecasts, Fergana Basin Kyrgyzstan
- 2010-2011 Santos Ltd - Reservoir Geology, Cooper Basin

ACADEMIC QUALIFICATION

- B.Sc. Honours Geology - University of Western Ontario
- Certificate of Management Development - University of Calgary
- Certificate III in Quality Management - Australian Quality College



INDUSTRY COURSES

Log Analysis	Relationship of Seismic to Geology	DST & Hydrodynamic Analysis	Marine Evaporites	Geology of Reefs
Seismic Interpretation for Geologists	Sandstone Reservoirs	Exploration of Stratigraphic Traps	Petroleum Exploration Economics & Risks	Geophysics for Geologists
Quality of Sandstone Reservoirs	Application of Geochemistry to Petroleum Exploration	Economic Evaluation of Petroleum Exploration and Development	Negotiations H. Cohen	Creating New Concepts
ASX Investments	DST chart interpretation			

TECHNICAL SOFTWARE PROGRAMS

Landmark (Stratworks & Seisworks), Rapid, Geoframe, Terrastation, Dbmap, Petrosys, Risc, Merak, Petrel, Mapinfo, Digirule, Geolog, Kingdom Suite.

PROFESSIONAL MEMBERSHIPS (past and present)

AAPG, CSPG, PESA.

PERSONAL INFORMATION

- Date of Birth - 04/04/42 (born in Java, Czech parents)
- Marital Status - Married, three children, five grandchildren
- Nationality - Australian
- Interests - Cycling, Golf, Swimming, Hiking & Travel

References will be provided on request.



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