

**R. COLEMAN HALE, P.E., P. Eng.**  
**Vice President**

---

Responsibilities include executive management of Lonquist U.S. and Canadian operations and Calgary office operations. Management of all U.S. and Canadian division employees and contractors.

Additional responsibilities include providing a wide variety of petroleum engineering, reserves/resources evaluation, well testing and underground storage engineering and mining engineering consulting services to oil and gas companies, gas transmission companies, natural gas and liquids storage companies, banks, trusts and institutional investors.

Evaluations/audits of oil and natural gas properties using a variety of engineering software and reserves methodologies on properties throughout Western Canada and the United States. Development of year end reserve reports to meet Ni51-101, COGEH, ASC, SPEE, and/or SEC standards. Management of project scope, cost control, scheduling, and client communication.

Management, engineering design, and execution of salt cavern drilling, solution mining, workover, and MIT projects; Management, engineering design, and execution of disposal well drilling, workover, and completion projects; review of geological analysis related to salt cavern development and disposal wells; development of regulatory permits for provincial and federal project approvals. Management of project scope, cost controls, scheduling, and client communication.

**Education**

---

Texas Tech University (USA) 2008 - Bachelor of Science in Petroleum Engineering

**Professional Registrations and Societies**

---

Association of Professional Engineers and Geoscientists of Alberta (APEGA) (Alberta No. 208874)

Association of Professional Engineers & Geoscientists of Saskatchewan (Saskatchewan No. 36426)

Professional Engineer Nova Scotia (Nova Scotia No. 20220204)

Professional Engineer Ontario (Ontario No. 90298829)

Registered Professional Engineer (Louisiana No. PE.0039815)

Registered Professional Engineer (North Dakota No 10042)

Registered Professional Engineer (Texas No 118813)

Society of Petroleum Engineers (SPE)

CSA Z341 – Associate Member (Standard for Underground Storage)