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GEOSCIENCE  
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**Letter of Reference for Subsurface Consultants and Associates**

To Whom it May Concern:

I am pleased to provide this letter of reference for Subsurface Consultants and Associates (SCA), a Houston-based oil and gas consulting firm specializing in integrated subsurface analysis. I have used SCA for almost 20 years, initially in my former role as a Vice President for Upstream divisions of Royal Dutch Shell, and more recently as president of my own energy consulting firm.

I have known the senior-most leaders of SCA throughout this time, which has given me a very good view into their business model, their capability, and their business ethics. The founder, Dan Tearpock, set very high standards when he started the company. As the former president of the Division of Professional Affairs of the American Association of Petroleum Geologists, he stressed business ethics for all of the consultants that he employed and emphasized the importance of saving money for the clients by helping them avoid “preventable dry holes”. His landmark treatise on integrated subsurface analysis, “Applied Subsurface Geological Mapping”, is a major contribution to the field of petroleum geology. Dan’s successor, Hal Miller, had a distinguished career with ConocoPhillips prior to joining SCA, and has carried on the tradition of giving clients rigorous and fully integrated subsurface analyses upon which to base multi-million dollar decisions.

My most recent experience with SCA was in 2019 on a project in the western U.S. in which they selected a strong and experienced team of professionals to help review a producing property acquisition with exploration upside potential. They quickly identified those technical elements that would make the difference between a “go” and “no-go” decision, thereby enabling my firm to reach its investment decision much faster and at significantly lower cost than was budgeted. This kind of focus is critical in the fast-paced M&A world.

SCA is also a leader in training oil and gas subsurface professionals around the world. They provide their own unique training platform for helping young professionals build capability in integrated subsurface analysis, as well as key specialty disciplines from noted industry experts. They rely on a deep network of relationships among oil and gas professionals to build and maintain their program and ensure that it remains current with the latest scientific developments and industry technology. I both reviewed and used their training courses while I was at Shell.

I wholeheartedly recommend that any company needing deep expertise in integrated subsurface analysis for major projects or for training its workforce consider SCA to meet their requirements.

*Chandler T. Wilhelm*

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