



A  Semptra Energy company

Michael Dozier  
Contract Administrator  
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To whom it may concern:

Southern California Gas Company, Aliso Storage Field, operates a number of wells associated with natural gas storage. These wells are located on varying terrain underlain by bedrock of different hardness. The Topanga Formation bedrock located in this area is partially problematic due to the massive, well cemented hard sandstone beds. The very hard rock has restricted well pad development or made it extremely costly due to slow excavation rates and broken heavy equipment. Excavator buckets have been pulled apart, rammers and hoses broken, transmissions on heavy track loaders, and dozers broken and loader bucket fatigue, due to hard abusive use.

After seven weeks of hard rock excavation with continual equipment failures, Benny Barron of Expansive Corporation was contacted and brought to our location, per the recommendation of our project geologist. Mr. Barron effectively and accurately assessed site conditions. He communicated well with the contractor to determine size rubble that the contractor could handle, and excavated. Mr. Barron developed a hole spacing layout based on survey data that would provide optional results within budgetary constraints. During the drilling process, he communicated well with the drillers, the project manager, and supervised the mixing- hole loading process.

The application of the B/Mite was well orchestrated with breaking starting 7 hours after hole loading and continuing for 24 hours. We are pleased with the product as applied by Mr. Barron. B/Mite was used for a second phase of hard rock breaking in selected areas to make the pad excavatable to finish grade. Precision breaks for well cellar excavation were also performed to expedite hard rock excavation adjacent to the well. I am convinced the best way to deal with this type of hard rock is by utilizing Mr. Barron and the "B/Mite" method. Please do not hesitate to contact me if additional information is needed. Please note that Mr. Barron has my highest recommendation.

A handwritten signature in cursive script, appearing to read "Michael Dozier".

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