

Utilization of a New Information Methodology: An Example from the Burgos Basin, Mexico

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Achieving success in today's challenging environment demands a uniform and holistic approach to data management. Information, the value-add to data in the form of interpretations, must be useful and readily accessible. We have developed a new methodology to address the management of information, which incorporates well-defined technical standards, a uniform project planning process, and stewardship. In short, technical, planning and stewardship elements are critical and all three must be in-place.

In the development of this new methodology, technical standards for raw, derived and interpreted products were examined and gaps identified. We found our raw data standards were well established. On the other hand, derived and interpreted product types required additional standards including assigned designated storage locations called Infostores. Geoscience metadata is required for each derived and interpreted product placed in an Infostore.

Utilization of an already established internal project planning process provides business milestones that can also be used as data-capture and documentation milestones. These data capture milestones must occur at least once per year in every project to ensure timely information management. To help accomplish these activities, each project has a three person information-focused team. These teams are composed of project members and technical support personnel.

Stewardship includes clearly defined roles and responsibilities across the upstream, and a control process that is audit-able. Recent basin evaluation projects have demonstrated the importance of active participation of management, project geoscientists and support personnel.
