



## 7D Compressor Station Discharge Pipeline Upgrade

**Bakersfield, California**

**Client: Occidental Oil and Gas Corporation**

Occidental Oil and Gas Corporation retained DPSI to provide surveying and engineering support for the 7D Compressor Station Discharge Pipeline Upgrade. Upgrade included two miles of new gas pipeline running from 7D Compressor Station to 1C Gas Plant, and demolition of some existing pipeline.

DPSI's scope of work included:

### *Strip Topographic Survey*

- Determine optimal route for pipeline and provide elevations for proposed pipeline route
- Create design purposes profile for alignment sheets

### *Piping Design*

- Prepare pipeline alignment drawing and details per Oxy standards: Piping Index Drawing, Pipeline Alignment Drawings, Pipeline Connection and Detail Drawings, and Pipe support selection and locations (sleepers, T-Type, anchors)
- Low point condensate collection trap details and locations
- Assist Oxy personnel to develop tie-in details for both ends of both pipelines
- Modify existing P&IDs and/or generate new P&IDs
- Engineering design, drawings, and permitting support for new road bores

### *Stress Analysis*

- Perform a Caesar II Stress Analysis of Pipeline
- Identify anchor locations and expansion loops