

Downhole Sampling Production Optimisation



Client:

Temblor Petroleum

Location:

Bakersfield, California

Equipment:

Single phase reservoir samplers

Conclusion

Proserv provided a cost effective and rapid solution to Temblor Petroleum's sampling requirement which will allow them to make informed decisions on how they optimise their production of this asset.

Benefits

- Three PVT quality reservoir samples obtained during a single wireline intervention
- Client can better understand condensate contact area to make informed decisions for optimised production

Project Background

Proserv engaged with Irani Engineering (contractor for Temblor Petroleum) to provide downhole sampling services to determine where the contact area for condensate was being produced alongside the oil.

Solution

Three reservoir samples were collected at three different depths and times to determine the condensate contact area. Samples were then maintained in single phase condition until analysis in the pressure volume temperature (PVT) Laboratory.

Scope

Proserv mobilised equipment and personnel directly to the rig site and working alongside United Wireline, carried out a single well intervention run, comprising of three single phase samplers. Once returned to the surface, the samples were transferred into Proserv's Type 6 10k single phase sample cylinders and handed directly to the client for transport to the laboratory for analysis.

