



## 3PM ANALYSIS PRODUCTION PROFILE PREDICTOR METHOD

No risks, no intervention, lower costs, higher profit because no well shut in, higher safety, higher accuracy, higher production rates.

### THE WELL TESTING REVOLUTION

- Determines actual fluid flow rates and PI from each zone of production
- Determines gas lift valve performance in-situ
- Determines interval of each zone of production in the reservoir
- Determines the production rates of oil, gas, and water from each zone in the well with high accuracy
- Detects thief zones
- Detects leaks in well bore
- Provides Productivity Index for each fluid at each zone
- Minimal pressure data
- Eliminates the risk of using down-hole tools. You won't need any!!!
- Maximizes total production from the well
- Assures continuous cash flow, no interference with production
- Test well below ESP's
- Manages smart well inflow control devices without down hole flow meter

# TRADITIONAL ANALYSIS vs 3PM ANALYSIS

## HIGHER:

- HSE Risk to personnel
- Risk of losing the well because of stuck logging tools
- Cost of personnel
- Cost of additional equipment (tools, units, well head equipment, etc.)
- Cost of coordination of contractors and/or service companies
- Time for logging operation.

## AND AS A RESULT...

### LESS

- Accurate information
- Revenue during shut-in for loading

## 3PM TECHNOLOGY

### NO

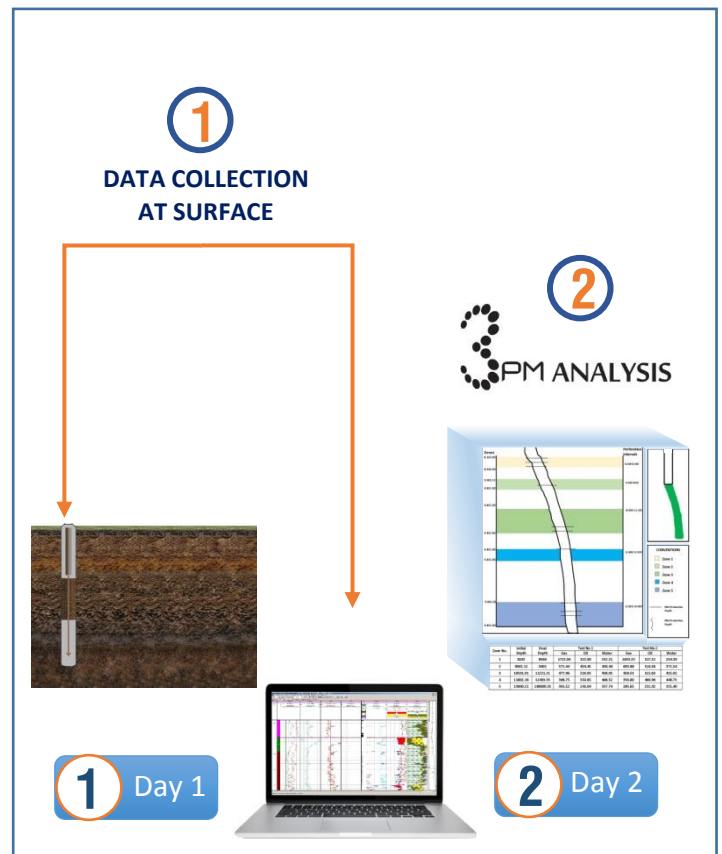
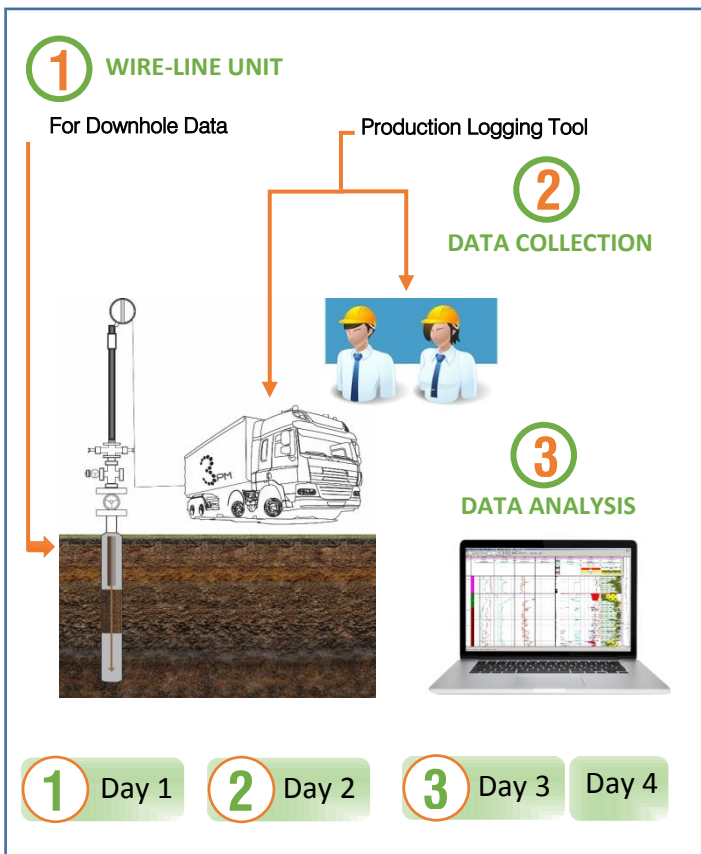
- HSE risk
- Loss of cash flow during test
- Shut-in required

### LESS

- Cost
- Only surface pressure data

### BETTER

- Surveillance
- Accuracy because analysis is in production mode, not in test mode.





## PRODUCTION PROFILE PREDICTOR METHOD

- **3PM** is a patented technology and surveillance tool that provides zonal allocation data including productivity index.
- **3PM** determines total fluid production rates of gas, oil, and/or water from each zone of the well.
- **3PM** locates all open perforations in the well.
- **3PM** detects leaks and thief zones.
- **3PM** needs minimal data for analysis.
- **3PM** is safer because it uses surface data and no risk of loss due to downhole tools.
- **3PM** is less expensive than conventional technology.
- **3PM** allows continued cash flow during analysis.
- **3PM** is the most advanced technology for well production logging.