petroscout

ARO Estimates / A&D Evaluations / Risk Assessment / EOL Planning / Liability Reduction

Petroscout provides industry with a thorough and comprehensive software solution to provide accurate end of life liability/ARO estimates, to manage regulatory compliance and end of life work (deadlines, inspections, tests, regulatory submissions, etc.), to build well schematics using only government data, to provide geospatial representation of their assets, and to act as a hub for all their data needs. Petroscout provides everyday workflow efficiencies and tools that simply do not currently exist anywhere else.

Petroscout End of Life Module
Petroscout's revolutionary End of Life Module is now complete and ready to use, download your free demo here to see how Petroscout's end of life optimization reports provide corporate stability by strengthening acquisition and divestiture opportunities and by assisting clients with long-term planning, supporting documentation for insurance applications, and environmental disclosure for financing purposes.

Module Highlights:

Petroscout Intelligent List Tool:

- Utilize built-in query system or copy in lists and have Petroscout analyze the inventory and fix as needed
- Add cost center data, working interests, operator types, hierarchy details, surface lease rental rates, property taxes for optimized reports and project plans.
- Use for project management, A&D prospecting, corporate ARO estimates (update monthly if you feel the urge), risk assessment, partner reviews, etc.

Petroscout ARO Report:

- AFE ready estimates for wells, pipelines and facilities similar to manual estimates
- Determines abandonment requirements, access conditions, pipeline connectivity, lease size and soil type, road assumptions, reported spill inclusion, SAGD facility considerations, etc.
- Adjustable unit rates and assumptions
- Well estimates include well schematics and mini-programs, easy to vet
- Discount and inflation rates can be applied

Other Useful Petroscout Features:

- Builds wellbore schematics for every well using only government data and has a built-in well file review system and check list, useful for planning abandonment work
- Automatic picture mapping based on proximity, useful for planning reclamation work
- Advanced data analytics for wells, pipelines, facilities, dispositions, water wells, spills, etc.

Inventory & Production Summaries:

- Full inventory summaries
- Gross and net combined production history, graphs and summaries for all wells (can be further filtered as needed)
- Summaries include zone summaries and the top 50 producers
- Downhole compliance, packer isolation and SCVF testing requirements
- Pipeline compliance requirements
- Facility emission details and SSLA requirements

Petroscout Risk Assessment Report:

- Comprehensive risk assessment of wells (34 risk factors), pipelines (24 risk factors) and facilities (27 risk factors), compares risk score averages to overall industry
- Risk factors are user adjustable
- Factors include infrastructure, compliance, and historical factors, and environmental receptors
- Use to manage corporate risk of existing assets (supports ESG) and to evaluate acquisition opportunities

Petroscout Liability Evaluation:

- Upload latest regulator liability data or use Petroscout estimates for A&D reviews
- Liability evaluation reviews each well and facility for reduction opportunities including GWP cement coverage, zonal abandoned event sequences, tubing assumptions, multi-well pad (using geospatial proximity), reclamation reduction, facility over-licensing, etc.
- Built-in form assists user to evaluate and report reduction opportunities.

Inactive Inventory Planning Report:

- Planning support for all inactive (and optionally marginal producers) wells, pipelines and facilities
- Incorporates regulator liability data for optimization and minimum spend planning
- Extensive data analytics to provide revolutionary efficiency benefits
- Pinpoints efficiency opportunities:
1. No brainers – ready for cut & cap, rigless, …
2. Most cost effective
3. Risk based, high profile
4. Regulatory deadline based
5. Non-core
6. Low value asset
7. Land type, seasonal planning
8. Emissions reduction
9. Efficient annual carrying costs reduction
10. Partner risk for insolvency
11. Multi-licensee area-based-closure support

Petroscout Geospatial Maps:

- Petroscout uses overlays in Google Earth to present geospatial mapping and data analytics.
- Utilize lists to build user maps of wells, pipelines, facilities, and dispositions

End of life work is expensive, and industry needs to be better at optimizing this work. By using Petroscout to manage end of life work, clients will be able to understand their true liability, effectively reduce aging asset inventories, efficiently reduce annual carrying costs, and improve asset divestiture potential.