Spotfire® for Energy - Asset Valuation

Evaluate wells, acreage, and deals with subsurface, production, and financial data side by side

Executive Summary

In competitive acreage markets, the winning bid comes from the team that evaluates opportunities fastest without cutting corners. Most teams split that work across forecasting tools, mapping software, and spreadsheets, losing days at every handoff. Spotfire Industry Pro for Energy keeps production forecasts, property maps, deal comps, and economic scenarios in one environment, sharing the same data. Change a type curve or price deck and value updates immediately. Spotfire AI works inside that same analysis, so engineers can ask in their own words and build faster while every step stays visible, editable, and open to challenge. Screen more deals, test assumptions live, and bid before competitors finish reconciling spreadsheets.

Value

Forecast at scale
Run DCA across thousands of wells, not one at a time.

Test assumptions live
Change an input, see the impact on value instantly.

Defend the number
Assumptions stay linked to results in the deal room.

Ask, then verify
Describe the analysis in your own words. Keep every step visible, editable, and open to challenge.

What's new this Quarter overview

SPOTFIRE AI
Ask Spotfire, Skills, and MCP connections
A natural language assistant, reusable plain-language workflows, and governed links to your other systems.

ACCELERATORS
Three upstream Accelerators
Upstream Asset Valuation, Well Inventory, and Minerals and Royalties, as starting points in Industry Pro.

DECLINE AND RISK
Arps decline curves and Probit plot
Model depletion, recalculate reserves as you filter, and read P10, P50, and P90 at a glance.

DATA ACCESS
LAS import and push compute
Read well logs directly, and run analytics inside Snowflake and Databricks without moving the data.

Use Case Specific Functionality

Connectors
LAS files, ComboCurve, Esri ArcGIS, Snowflake and Databricks push compute, Data Virtualization for S&P Global, Enverus, and Wood Mackenzie

Visualizations
Map Chart, Arps Decline Curve Analysis, Probit Plot, Reference Elements, Waterfall Chart, Well Spacing Diagram

Data Functions
Geospatial Suite, Spatial Interpolation and Contouring, Auto-Forecast DCA, Time Series Smoothing, Dynamic Time Warping, Outlier Detection, Machine Learning

Actions
Well Log Templates, Analyze Well Trajectory

Accelerators
Upstream Asset Valuation, Well Inventory, and Minerals and Royalties Accelerators

Spotfire AI
Ask Spotfire, Insight Agents, Skills, MCP connections, Agent Registry

Spotfire AI for Asset Valuation: Ask. Augment. Act.

Ask: investigate in your own words

- Describe what you need, from preparing data to building views with drill-down, and Ask Spotfire builds it inside your analysis.
- Ask about your data, have a visualization or page explained, or update many visuals at once.
- Everything Ask Spotfire creates is standard Spotfire content, so you can inspect, edit, and challenge it.

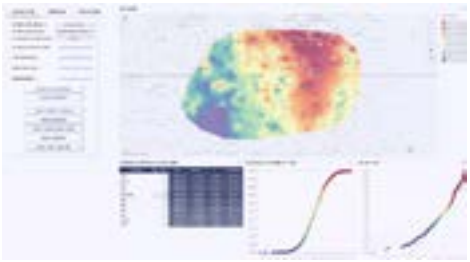
Augment: build faster, and trust the result

- Insight Agents surface trends, patterns, and anomalies in the data you mark, with recommended next steps.
- Skills capture a method once as a plain-language workflow that anyone on the team can run.
- Add new Insight Agents from the Agent Registry between releases, or build your own around company rules and experience.

Act: close the loop from insight to action

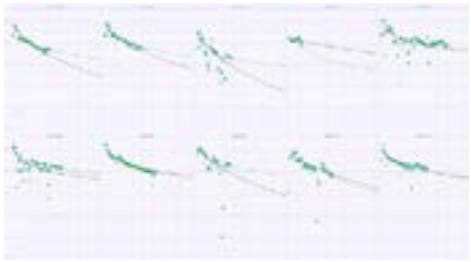
- MCP connections link Ask Spotfire, agents, and skills to systems that expose an MCP server, such as data catalogs and ERP.
- Retrieve context or trigger actions without leaving the analysis, with the expert deciding what happens.
- You choose the AI model and which groups can use it, and usage is logged and attributable.

Selected Workflows



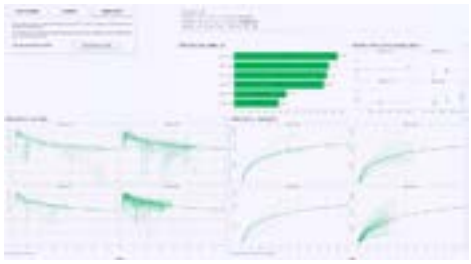
Geospatial mapping

- Layer wells, leases, and formations on a single interactive map
- Stream Esri and WMS layers for land, infrastructure, and basin context
- Mark acreage on the map to filter every connected view instantly
- Measure distances, build buffers, and calculate acreage on the fly
- Interpolate scattered well data into contoured geologic maps
- Color and size wells by EUR, IP, or dollars per acre
- Export results as Esri Shapefiles for GIS teams



Decline curve analysis

- Auto-fit oil, gas, and water decline curves across every well in a deal package at once
- Fit exponential, hyperbolic, and harmonic Arps declines, with terminal limits to avoid overestimating reserves
- Recalculate reserves as you filter and mark, and export results to data tables
- Detect outliers, shut-ins, and segment changes before fitting
- Compare many wells side by side in a trellis
- Push compute to Snowflake or Databricks for basin-scale runs



Type curve forecasting

- Group analog wells by vintage, landing zone, or type curve area or custom attributes
- Normalize production by lateral length, proppant, and fluid loading
- Generate probabilistic P10, P50, and P90 type curves and probit plots
- Identify true analogs with dynamic time and depth warping functions
- Apply type curves to undeveloped locations for inventory forecasts
- Refresh curves automatically as new wells come online in the play



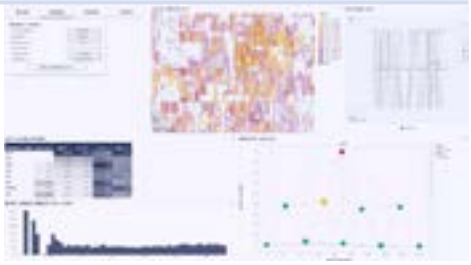
Economics

- Model cash flow, NPV, and rate of return natively in the platform
- Run multiple price decks and cost cases side by side in one view
- Move from production to bid value in a single workflow
- Roll up single-well economics to asset and portfolio level
- Bridge value changes with waterfall charts
- Set screening thresholds with reference elements, so a failing opportunity shows in context
- Trace every valuation output back to its underlying assumptions



Competitor Intelligence

- Map offset operator activity and results around the target acreage
- Benchmark well performance by operator, zone, and completion design
- Track permit, rig, and completion trends across the basin
- Compare completion designs and spacing choices across operators
- Screen comparable deals by price per acre and per flowing BOE
- Spot operator acreage moves before assets come to market



Inventory and Spacing

- Map every undrilled location across the entire basin
- Visualize well spacing in gun barrel, map, and 3D views together
- Count remaining locations by zone, spacing case, and acreage tier
- Screen for parent-child interference risk before booking inventory
- Test spacing scenarios against actual well results in the area
- Rank undeveloped inventory by type curve and breakeven economics

Enterprise deployment

Discover Insights. Surface Risks Early. Drive Operations Forward.

Spotfire unites geoscience, engineering, and operational data across the energy value chain, turning specialist-tool silos into one governed platform, with native analytical depth, AI-augmented investigation, and the agility to solve energy's most complex challenges faster. Spotfire AI is built in, with your choice of AI model, group-level control over who can use it, and usage that is logged and attributable.

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