

The logo consists of the word "whitson" in a dark blue, lowercase, sans-serif font, centered within a white rectangular box. This box is positioned in the top right corner of the page, overlapping a dark blue vertical bar that extends from the top edge.

whitson+ API Change Logs v.3.7.0

23 MAY 2026
WHITSON AS

Change Logs v3.7.0

Breaking Changes

- **PATCH /type_wells/saved_cases**
 - Removed optional field forecasts from response 200
 - Path: /items/forecasts
- **PATCH /wells/bhp_input/well_data**
 - Response status: 200
 - Added multiple new enum values for:
 - Property:
/items/esp_data/anyOf[#/components/schemas/WellDataESPEExternal]/parameters_all_esps/items/esp_configuration
 - Added support for new REDA pump configurations across several pump families
 - REDA Pump Series: 338 series, 400 series, 450 series, 540 series, 562 series, 650 series, 675 series
 - Summit Pump Series: SD series, SF series, SG series, SH series, SJ series, SK series, SM series
- **PATCH /wells/bhp_inputs**
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- **PATCH /wells/bhp_inputs_no_deviation_survey**
 - Response status: 200
 - Added multiple new enum values for:
 - Property:
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- **PATCH /wells/bulk_run_current_ipr_vlp**
 - Added new required request property:
 - custom_config/case_name
 - custom_config schema updated
 - Removed: #/components/schemas/VLPCustomConfigExternal, subschema #1 from custom_config.anyOf
 - Changed type: From 'unspecified' to 'object'
- **PATCH /wells/bulk_run_gas_lift_optimizer**
 - well_ids is now required

- **PATCH /wells/dca**
 - Removed optional response properties from status 200:
 - /items/forecast
 - /items/forecasts
- **POST /wells/dca_saved_case**
 - Removed optional response properties from status 200:
 - /items/forecast
 - /items/forecasts
- **PATCH /wells/dca_saved_cases**
 - Removed optional response properties from status 200:
 - /items/forecast
 - /items/forecasts
- **PATCH /wells/mass_export_custom_results**
 - Removed optional response properties from status 200:
 - data/items/allOf[#/components/schemas/WellCustomGenerated]/Completion Metrics/Rock compr.(1/psi)
 - data/items/allOf[#/components/schemas/WellCustomGenerated]/Gas Material Balance
 - data/items/allOf[#/components/schemas/WellCustomGenerated]/Reservoir Properties/Rock Compressibility (1e-6/psia)
- **GET /wells/sampling_advanced/{id}**
 - Updated properties
 - composition_calc/anyOf[#/components/schemas/SamplingCalc]/zi is now nullable
 - sampling_calc/zi is now nullable
- **GET /wells/sampling_data/{id}**
 - Updated properties
 - composition_calc/anyOf[#/components/schemas/SamplingCalc]/zi is now nullable
 - sampling_calc/zi is now nullable
- **GET /wells/sampling_quick/{id}**
 - Updated properties
 - composition_calc/anyOf[#/components/schemas/SamplingCalc]/zi is now nullable
 - sampling_calc/zi is now nullable
- **GET /wells/sampling_simplified_drygas/{id}**
 - Updated properties
 - composition_calc/anyOf[#/components/schemas/SamplingCalc]/zi is now nullable
 - sampling_calc/zi is now nullable
- **GET /wells/{well_id}**
 - Updated properties
 - classical_rta_input/lfp is now nullable
 - Removed properties
 - history_matching_input/ten_weighted_dates
 - rta_input/ten_weighted_dates
 - Added enum values
 - probabilistics_input/rate_control

- Added:
 - BHP
 - Synthetic
 - Added new enum value summit to:
 - nodal_analysis_input/named_well_data/items/well_data_named/.../esp_manufacturer
 - tubing_table_input/well_data_forecast/items/.../esp_manufacturer
 - vfp_export_input/well_data/items/.../esp_manufacturer
- **GET /wells/{well_id}/bhp_input**
 - Response status: 200
 - Added multiple new enum values for:
 - Property:
 - /items/esp_data/anyOf[#/components/schemas/WellDataESPEExternal]/parameters_all_esps/items/esp_configuration
 - Added support for new REDA pump configurations across several pump families
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- **GET /wells/{well_id}/bhp_input/well_data**
 - Response status: 200
 - Added multiple new enum values for:
 - Property:
 - /items/esp_data/anyOf[#/components/schemas/WellDataESPEExternal]/parameters_all_esps/items/esp_configuration
 - Added support for new REDA pump configurations across several pump families
 - REDA Pump Series: 338 series, 400 series, 450 series, 540 series, 562 series, 650 series, 675 series
 - Summit Pump Series: SD series, SF series, SG series, SH series, SJ series, SK series, SM series
- **GET /wells/{well_id}/run_ipr_with_date**
 - Added enum values
 - ESP manufacturer: summit
 - Updated properties
 - named_well_data/items/well_data_named/anyOf[#/components/schemas/WellData]/esp_data/anyOf[#/components/schemas/WellDataESP]/parameters_all_esps/items/esp_manufacturer
- **GET /wells/{well_id}/sampling_data**
 - Updated properties
 - /items/composition_calc/anyOf[#/components/schemas/SamplingCalc]/zi is now nullable
 - /items/sampling_calc/zi is now nullable
- **GET /wells/{well_id}/sampling_inputs**
 - Updated properties
 - /items/composition_calc/anyOf[#/components/schemas/SamplingCalc]/zi is now nullable
 - /items/sampling_calc/zi is now nullable
- **GET /wells/{well_id}/well_dca/dca_export**

- Removed query parameters: use_last_rate
- **GET /wells/{well_id}/well_dca/saved_cases**
 - Removed properties
 - /items/forecast
 - /items/forecasts

New Endpoints (17)

- GET /fields/flash
- GET /fields/flash_status
- GET /fields/{field_id}/eos
- GET /fields/{field_id}/get_pvt_comp_format
- PUT /fields/{field_id}/insert_and_run_flash
- GET /mass_fluid_data_paginated
- PATCH /wells/bulk_time_series_pi
- POST /wells/clean_early_production
- PATCH /wells/gas_lift_optimizer_cases
- GET /wells/gas_lift_optimizer_cases_paginated
- PATCH /wells/hist_match_calculation_status
- PATCH /wells/nrta_calculation_status
- PUT /wells/production_data
- PATCH /wells/send_nrta_to_numerical_model
- POST /wells/vlp_cases
- PUT /wells/vlp_cases
- POST /wells/{well_id}/create_scenario

Modified Endpoints (56)

Base Data

- **GET /fields**
 - projects.custom_attributes.formula → added property:
 - use_producing_days
- **GET /fields/{field_id}/projects**
 - custom_attributes.formula → added property:
 - use_producing_days
- **POST /fields/{field_id}/projects**
 - custom_attributes.formula → added property:
 - use_producing_days
- **GET /old_wells_paginated**
 - Added property:
 - custom_attributes
- **GET /wells**
 - Added property:
 - custom_attributes
- **PATCH /wells**
 - Request body → added property:
 - custom_attributes
- **POST /wells**
 - Request body → added property:

- custom_attributes
- **POST /wells/bulk**
 - Request body → added property:
 - custom_attributes
- **PATCH /wells/mass_export_custom_results**
 - data updates:
 - Added required property:
 - project_id
 - Added properties:
 - Gas Flowing Material Balance
 - project_id
 - Removed property:
 - Gas Material Balance
 - BHP updates:
 - Added property:
 - Calc Status
 - Classical RTA updates:
 - Added property:
 - Drainage Area, ad (acres)
 - Completion Metrics updates:
 - Added property:
 - Rock compr.(1/psia)
 - Removed property:
 - Rock compr.(1/psi)
 - Fractional RTA updates:
 - Added property:
 - Arps b
 - Multiphase Flowing Material Balance updates:
 - Added property:
 - Drainage Area, (acres)
 - Production Attributes updates:
 - Added properties:
 - GOR CUM (scf/STB)
 - Gas CUM (MMscf)
 - Last Prod Date
 - OGR CUM (STB/MMscf)
 - Oil CUM (MSTB)
 - WGR CUM (STB/MMscf)
 - WOR CUM (STB/STB)
 - Water CUM (MSTB)
 - Reservoir Properties updates:
 - Added property:
 - Rock Compressibility (1e-6/psiaa)
 - Removed property:
 - Rock Compressibility (1e-6/psia)
- **GET /wells/{well_id}**
 - classical_rta_input updates:
 - Ifp → now nullable

- history_matching_input updates:
 - Removed property:
 - ten_weighted_dates
- nodal_analysis_input updates:
 - named_well_data.well_data_named.esp_data.parameters_all_esps updates:
 - esp_manufacturer: Added enum value (summit)
- probabilistics_input updates:
 - Added properties:
 - eur_field
 - hide_forecast
 - zoom
 - rate_control updates:
 - Added enum value: Synthetic BHP
- rta_input updates:
 - Removed property:
 - ten_weighted_dates
- sales_products_input updates:
 - Added property: first_c5p
- tubing_table_input updates:
 - well_data_forecast.esp_data.parameters_all_esps updates:
 - esp_manufacturer: Added enum value (summit)
- vfp_export_input updates:
 - well_data.esp_data.parameters_all_esps updates:
 - esp_manufacturer: Added enum value (summit)
- **PATCH /wells/{well_id}**
 - Added property: custom_attributes
- **GET /wells/{well_id}/available_custom_attributes**
 - custom_attributes updates:
 - formula updates: Added property use_producing_days
- **GET /wells_paginated**
 - Added properties: custom_attributes

BHP

- **PATCH /wells/bhp_input/well_data**
 - esp_data.parameters_all_esps.esp_configuration → added enum values:
 - Summit Series
 - *summit series
 - REDA Series
 - *reda series
- **POST /wells/bhp_input/well_data/bulk**
 - esp_data.parameters_all_esps.esp_configuration → added enum values:
 - Summit Series
 - * summit series
 - REDA Series
 - *reda series
- **PUT /wells/bhp_input/well_data/{well_data_id}**
 - esp_data.parameters_all_esps.esp_configuration → added enum values:
 - Summit Series
 - *summit series

- REDA Series
 - *reda series
- **PATCH /wells/bhp_inputs**
 - Added properties:
 - bottom_perforation_tvd
 - foamer_fraction
 - is_foamer
 - top_perforation_tvd
 - esp_data.parameters_all_esps.esp_configuration → added enum values:
 - Summit Series
 - *summit series
 - REDA Series
 - *reda series
- **PUT /wells/bhp_inputs**
 - Added properties:
 - bottom_perforation_tvd
 - foamer_fraction
 - is_foamer
 - top_perforation_tvd
 - esp_data.parameters_all_esps.esp_configuration → added enum values:
 - Summit Series
 - *summit series
 - REDA Series
 - *reda series
- **PATCH /wells/bhp_inputs_no_deviation_survey**
 - Added properties:
 - bottom_perforation_tvd
 - foamer_fraction
 - is_foamer
 - top_perforation_tvd
 - esp_data.parameters_all_esps.esp_configuration → added enum values:
 - Summit Series
 - *summit series
 - REDA Series
 - *reda series
- **GET /wells/{well_id}/bhp_input**
 - Added properties:
 - bottom_perforation_tvd
 - foamer_fraction
 - is_foamer
 - top_perforation_tvd
 - esp_data.parameters_all_esps.esp_configuration → added enum values:
 - Summit Series
 - *summit series
 - REDA Series
 - *reda series
- **PUT /wells/{well_id}/bhp_input**
 - Added properties:

- bottom_perforation_tvd
 - foamer_fraction
 - is_foamer
 - top_perforation_tvd
- esp_data.parameters_all_esps.esp_configuration → added enum values:
 - Summit Series
 - *summit series
 - REDA Series
 - *reda series
- **GET /wells/{well_id}/bhp_input/well_data**
 - esp_data.parameters_all_esps.esp_configuration → added enum values:
 - Summit Series
 - *summit series
 - REDA Series
 - *reda series
- **POST /wells/{well_id}/bhp_input/well_data**
 - esp_data.parameters_all_esps.esp_configuration → added enum values:
 - Summit Series
 - *summit series
 - REDA Series
 - *reda series

DCA

- **PATCH /wells/dca**
 - Added properties:
 - cum_120m
 - cum_72m
 - cum_84m
 - Removed properties:
 - forecast
 - forecasts
- **POST /wells/dca_saved_case**
 - Added properties:
 - cum_120m
 - cum_72m
 - cum_84m
 - Removed properties:
 - forecast
 - forecasts
- **PATCH /wells/dca_saved_cases**
 - Added properties:
 - cum_120m
 - cum_72m
 - cum_84m
 - Removed properties:
 - forecast
 - forecasts
- **GET /wells/{well_id}/well_dca/dca_export**
 - Added query params:

- link_cutoff_rates
 - separate_limiting_segment
- Removed query params: use_last_rate
- **GET /wells/{well_id}/well_dca/saved_cases**
 - Added properties:
 - cum_120m
 - cum_72m
 - cum_84m
 - Removed properties:
 - forecast
 - forecasts

Auto-Forecast

- **GET /auto_forecasts/{auto_forecast_id}**
 - auto_forecast_bounds → added properties:
 - fit_data_range_max
 - fit_data_range_min
 - match_b_factor_case
 - auto_forecast_settings → added property:
 - apply_fit_data_range
 - match_b_factor

Sampling Data

- **GET /wells/sampling_advanced/{id}**
 - composition_calc updates:
 - zi → now nullable
 - sampling_calc updates:
 - zi → now nullable
- **GET /wells/sampling_data/{id}**
 - composition_calc updates:
 - zi → now nullable
 - sampling_calc updates:
 - zi → now nullable
- **GET /wells/sampling_quick/{id}**
 - composition_calc updates:
 - zi → now nullable
 - sampling_calc updates:
 - zi → now nullable
- **GET /wells/sampling_simplified_drygas/{id}**
 - composition_calc updates:
 - zi → now nullable
 - sampling_calc updates:
 - zi → now nullable
- **GET /wells/{well_id}/sampling_data**
 - composition_calc updates:
 - zi → now nullable
 - sampling_calc updates:
 - zi → now nullable
- **POST /wells/{well_id}/sampling_data**

- composition_calc updates:
 - zi → now nullable
- sampling_calc updates:
 - zi → now nullable
- **GET /wells/{well_id}/sampling_inputs**
 - composition_calc updates:
 - zi → now nullable
 - sampling_calc updates:
 - zi → now nullable
- **POST /wells/{well_id}/sampling_inputs**
 - composition_calc updates:
 - zi → now nullable
 - sampling_calc updates:
 - zi → now nullable

Nodal Analysis VLP

- **PATCH /wells/bulk_run_current_ipr_vlp**
 - Description updated:
 - Added: “initialize_ipr_type: if **True**, the IPR type will be determined using PVT data as a reference; if **False**, the user/default input will be used.”
 - Added properties:
 - initialize_ipr_type
 - ipr_type
 - custom_config updates:
 - Type changed:
 - from nullable/anyOf → object
 - Added required property:
 - case_name
 - Added properties:
 - case_name
 - casing_pressure
 - correlation
 - gas_lift_rate
 - tubing_pressure
 - Removed schema:
 - VLPCustomConfigExternal subschema #1
- **PATCH /wells/nodal_ipr_input**
 - Added property: water_oil_ratio
- **GET /wells/{well_id}/run_ipr_with_date**
 - named_well_data.well_data_named.esp_data.parameters_all_esps updates:
 - esp_manufacturer → added new enum values: summit
- **GET /wells/{well_id}/vlp_cases**
 - Added properties:
 - bhp_at_intersection
 - gas_rate_at_intersection
 - liquid_rate_at_intersection
 - oil_rate_at_intersection
 - power_fluid_at_intersection
 - water_rate_at_intersection

Nodal Analysis Gradient

- **PATCH /wells/gradient_cases**
 - Added property:
 - include_perforated_interval_inflow
- **PUT /wells/gradient_cases**
 - Added property:
 - include_perforated_interval_inflow
- **PUT /wells/gradient_cases/{gradient_case_id}**
 - Added property:
 - include_perforated_interval_inflow
- **POST /wells/latest_date_gradient_cases**
 - Added property:
 - include_perforated_interval_inflow
- **GET /wells/light**
 - return_params updates:
 - Added enum value: custom_attributes
 - Description updated: Added support for custom_attributes\
 - Added property:
 - custom_attributes

Nodal Analysis Gas Lift Optimizer

- **GET /wells/bulk_gas_lift_optimizer_results**
 - wells → added property:
 - ipr_input
 - wells.well_information → added property:
 - scenario_name
- **PATCH /wells/bulk_gas_lift_optimizer_results**
 - wells updates:
 - Added property: ipr_input
 - well_information updates:
 - Added property: scenario_name
- **PATCH /wells/bulk_run_gas_lift_optimizer**
 - Summary updated:
 - from “Run gas lift optimizer for selected wells” to “Run gas lift optimizer for selected wells with date filter”
 - Added required property:
 - well_ids
 - Added properties:
 - date
 - from_date
 - is_average
 - last_number_days
 - well_ids updates:
 - Description updated: List of well IDs for running the IPR/VLP
- **GET /wells/{well_id}/gas_lift_optimizer_cases**
 - Added properties: well_id
- **POST /wells/{well_id}/gas_lift_optimizer_cases**
 - Added request properties: well_id

- Added response properties: well_id
- **PUT /wells/{well_id}/gas_lift_optimizer_cases/{gas_lift_case_id}**
 - Added properties: well_id
- **GET /wells/{well_id}/gradient_cases**
 - Added properties: include_perforated_interval_inflow
- **POST /wells/{well_id}/gradient_cases**
 - Added properties: include_perforated_interval_inflow

Type Well

- **DELETE /type_wells/saved_cases**
 - Request body → added property:
 - project_id
- **PATCH /type_wells/saved_cases**
 - Added properties:
 - cum_120m
 - cum_72m
 - cum_84m
 - Removed properties:
 - Forecasts

ESP Configurations

*summit series:

- sd series: sd500, sd550, sd900, sd1000, sd1200, sd1500, sd2000
- sf series: sf320, sf350, sf500, sf675, sf850, sf900, sf1200, sf1750, sf2200, sf2250, sf2700, sf3550, sf4300, sf5800
- sg series: sg1200, sg1700, sg2000, sg2200, sg2700, sg3400, sg4000, sg5500, sg7300, sg12000
- sh series: sh6700, sh7500, sh9000, sh10000, sh12000, sh13000, sh16000, sh20000, sh21000, sh27000, sh35000
- sj series: sj1700, sj2800, sj4200, sj5500, sj6500, sj7000, sj8000, sj10000
- sk series: sk11000, sk15500, sk20000, sk27000
- sm series: sm18500, sm25000
- Additional: sdgh1600, sfnpsh, sfgh2500, sfgh7000, sgnpsh, sggh7000

*reda series:

- 338 series: a10, a14, a25, a30, a45
- 400 series: d12, d13, d15, d20, d26, d40, d51, d55, d82
- 450 series: e35, e41, e100
- 540 series: g52e, g59, g62, g75, g110, g150, g180, g220
- 562 series: h350
- 650 series: i250, i300
- 675 series: j400, j600