



Analytics and Data Visualization Samples

LOS/LOE Analysis and Field Reviews

YOUR LOGO
TAGLINE GOES HERE

Reset All Markings

Reset All Filters

Filters

Route

Type to search in list

(All) 7 values

Route 1

Route 2

Route 3

Route 4

Route 5

Route 6

Well

Type to search in list

(All) 327 values

3D Project

Accounting Adjustment

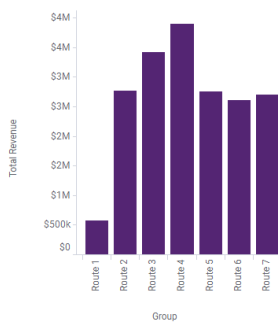
Compressor 2

Environmental

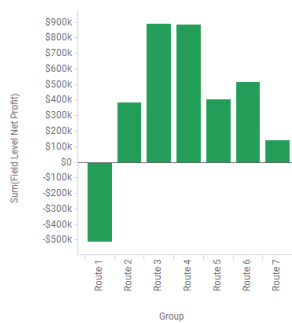
Equipment

Gathering Co 1

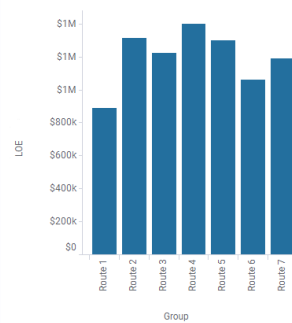
Revenue



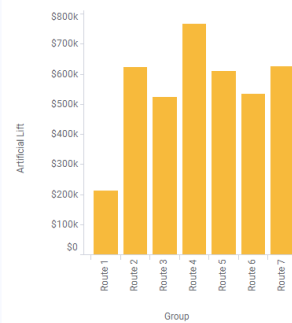
Field Level Net Profit



Field Level Total LOE



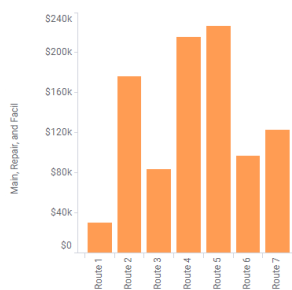
Artificial Lift



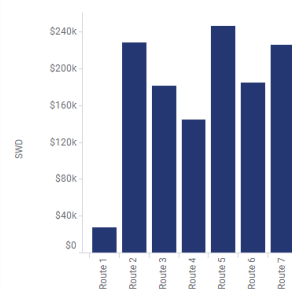
Chemical Costs



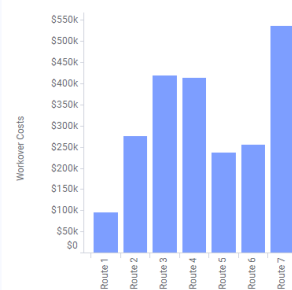
Field Maintenance, Repair and Facilities



SWD

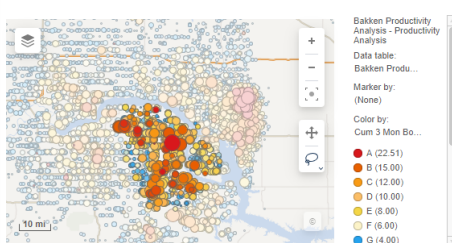


Workover Costs

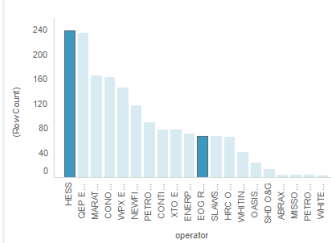


Completions Analysis

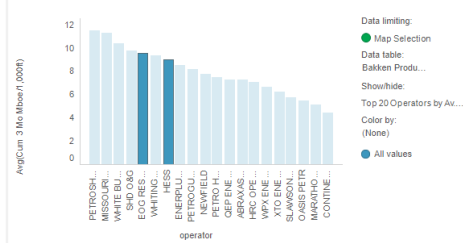
Map Chart



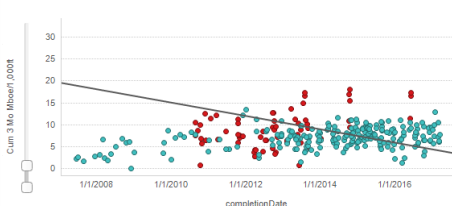
Well Count by Operator



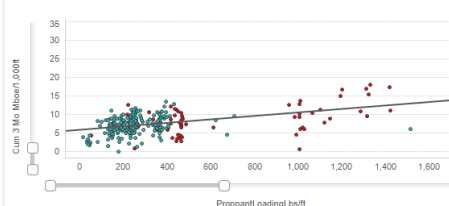
Av. Cum 3 Mo Boe/ft



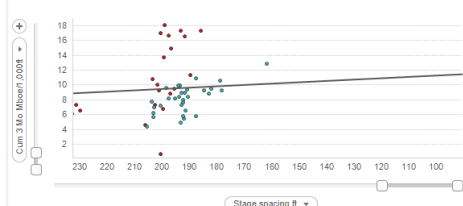
Vintage (completion date)



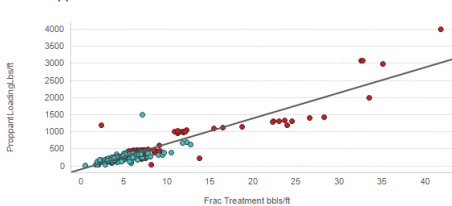
Proppant Loading (lbs/ft)



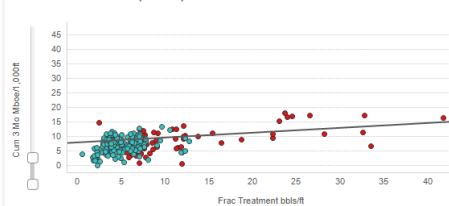
Stage Spacing - Reverse Axis



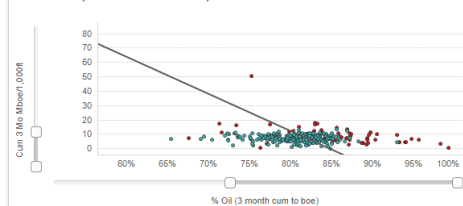
Proppant vs Frac Fluid



Frac Treatment (bbls/ft)



% Oil (to boe - 3 mo. cums)



Analytics and Data Visualization Samples

Asset Review for Acquisition Targets



Eagle Ford Horizontal wells by 7,500ft Normalized First 12 Month Cumulative BOE

Map set to only Horizontal Eagle Ford wells with 12 month Cum data. Lateral length is difference in upper and lower perf.

[Reset All Markings](#) [Reset All Filters](#)

Filters

County

☐ (All) 79 values
☒ LA SALLE (TX)
☐ LAVACA (TX)

Operator

☒ (All) 665 values
☒ (N/A)
☒ 100 C & H OIL AND GAS, L.L.C.
☒ 1776 ENERGY OPERATOR, L.L.C.
☒ 3 W INVESTMENTS LLC
☒ 3-G OPERATING COMPANY
☒ 3-M ENERGY CORPORATI...

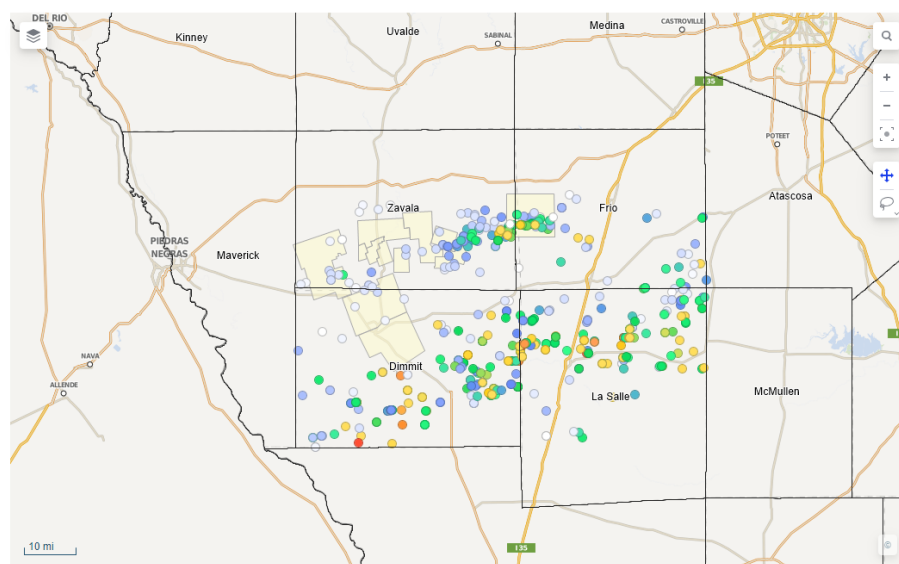
Deal Size Boepd

Double click value to type number

Production chart difference from Deal Size filter range indicates Operator has material non Eagle Ford production over filter range over Gulf Coast if no filters selected

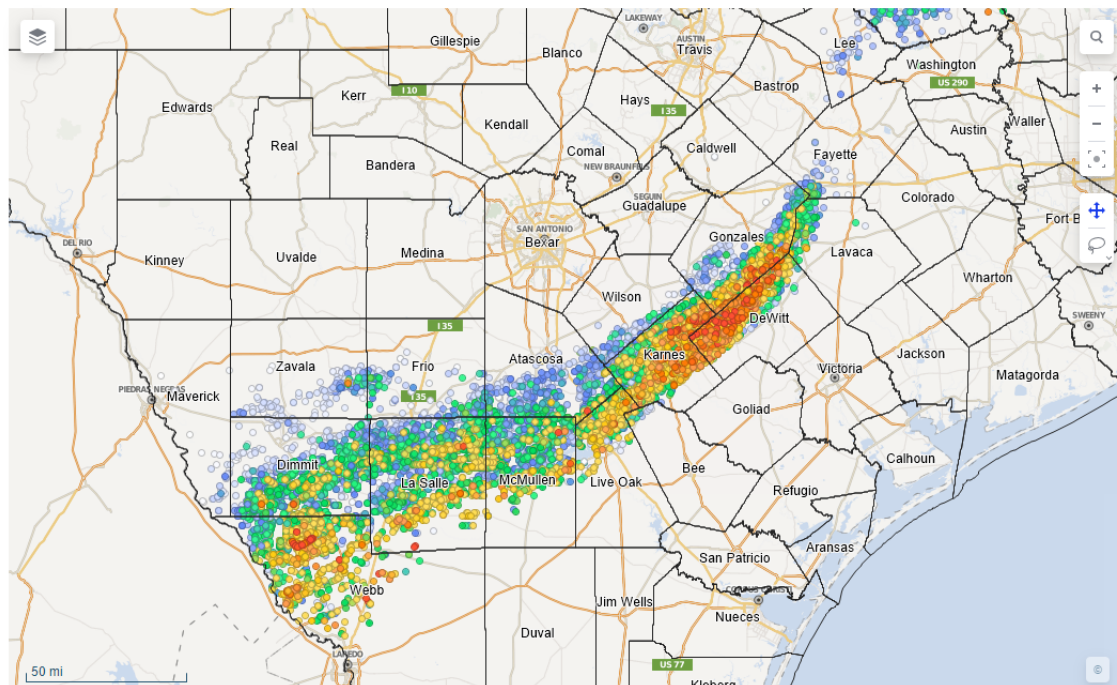
Set filters on left or select an area on the map with marking tool

Right click on map to turn auto-zoom on or off



Color by:
Sum(First 12 BOE 7,500ft No...
1,000,000
750,000
500,000
400,000
300,000
250,000
200,000
150,000
125,000
100,000
75,000
50,000
Min (1,651)
(Empty)
8.1.21 NRI_WI_areas (5)
Data table:
8.1.21 NRI_WI_areas (5)
Feature by:
(Row Number)
Color by:
(None)
All values

Basin Studies and Heat Maps

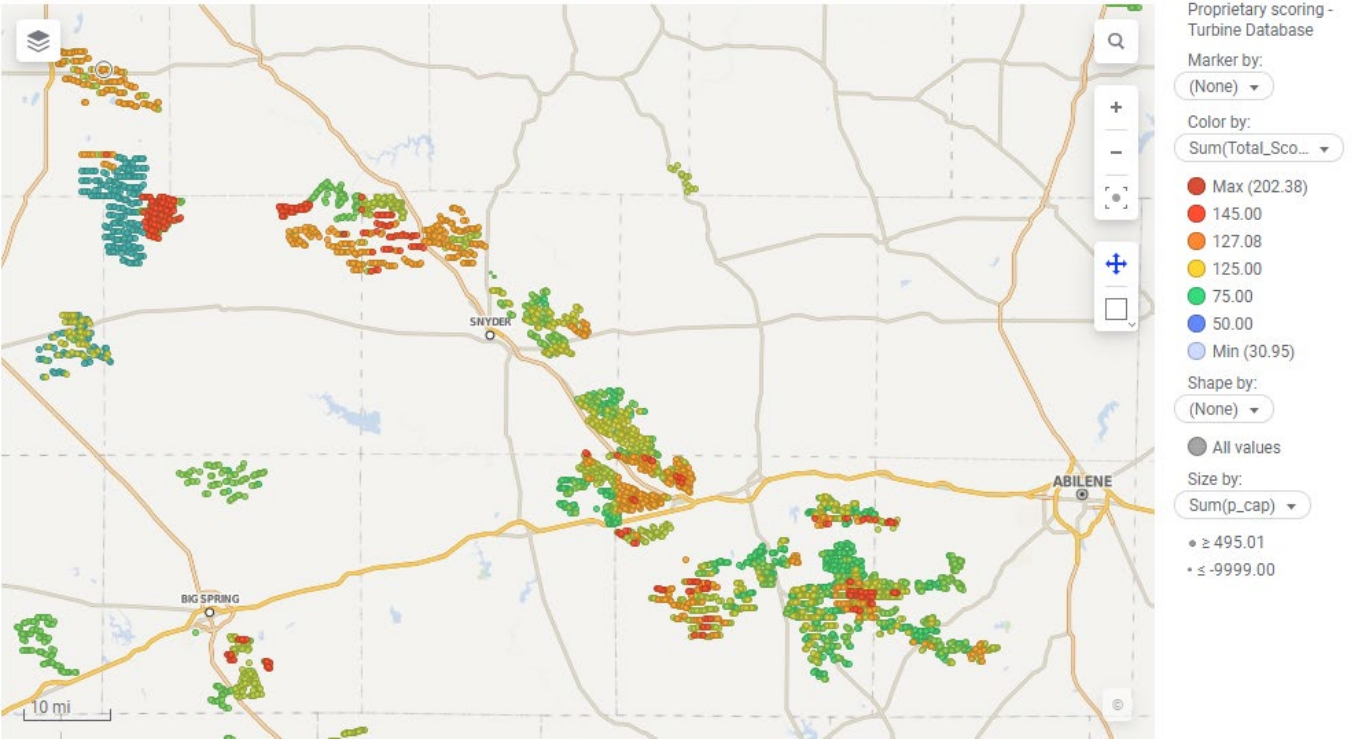


Color by:
7,500ft Norm First 6 Mo Cum
1,000,000
750,000
500,000
400,000
300,000
250,000
200,000
150,000
125,000
100,000
75,000
50,000
Min (3)

Analytics and Data Visualization Samples

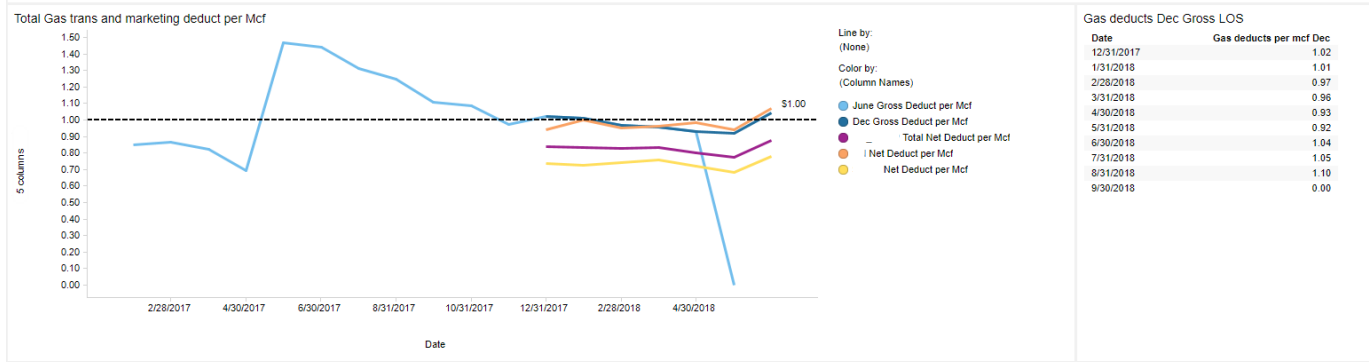
Proprietary Scoring and Mapping for Wind Turbine Contract Acquisitions

Proprietary Scoring Mechanism for Turbine Contract Acquisitions



Seller Data Review for Asset Valuation and Model Inputs

PhDWin Gas deduct: \$1.00/mcf transportation and marketing (in OpEx section as trans \$/mcf)



PhDWin Oil deduct: \$0.15/bbl transportation and marketing (in OpEx section as trans \$/bbl)

