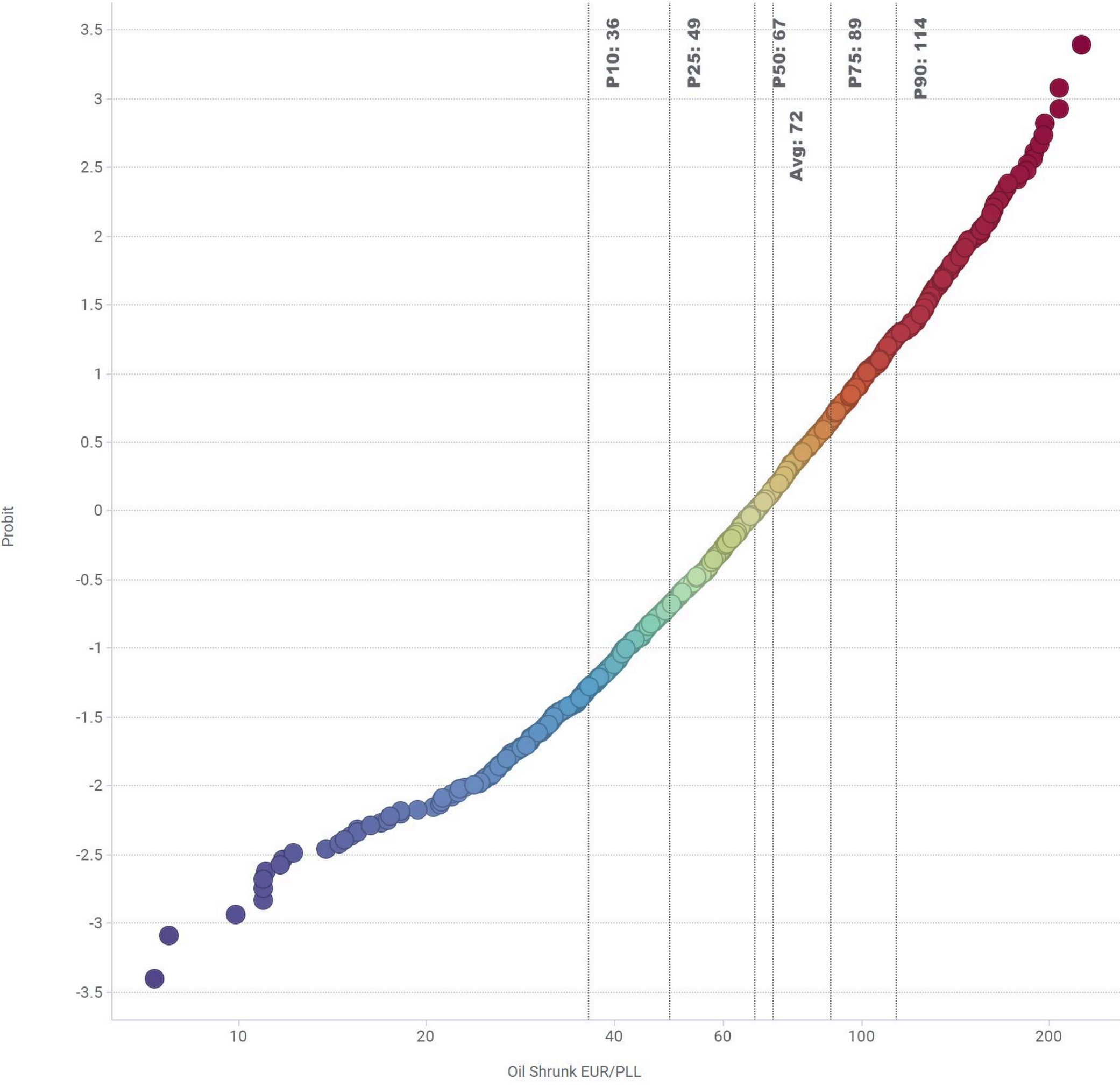


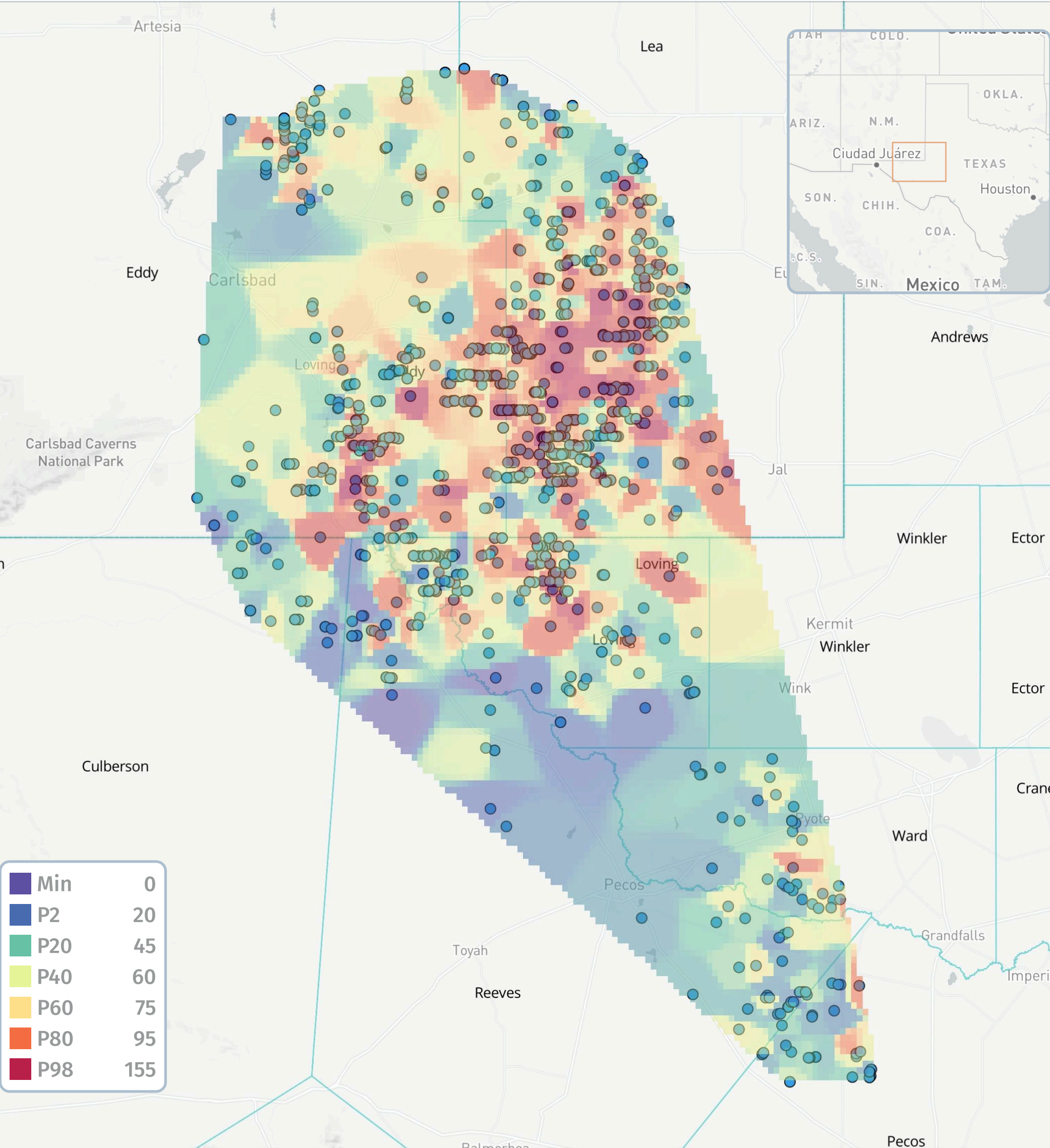
WELL PERFORMANCE

Oil EUR/PLL

BBL/FT

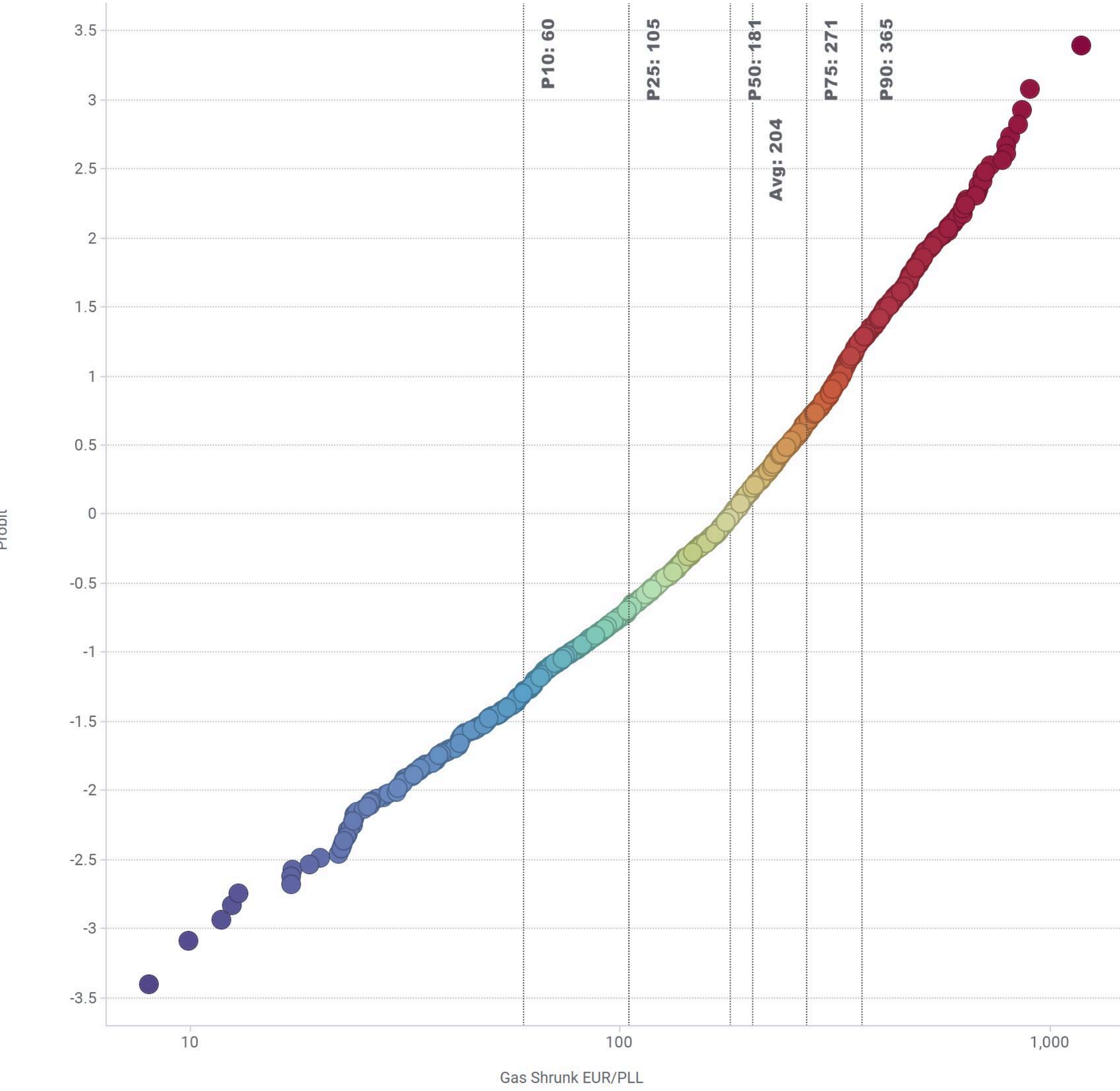


| Oil EUR/PLL |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| P10         | P25 | P50 | Avg | P75 | P90 |
| 36          | 49  | 67  | 72  | 89  | 114 |

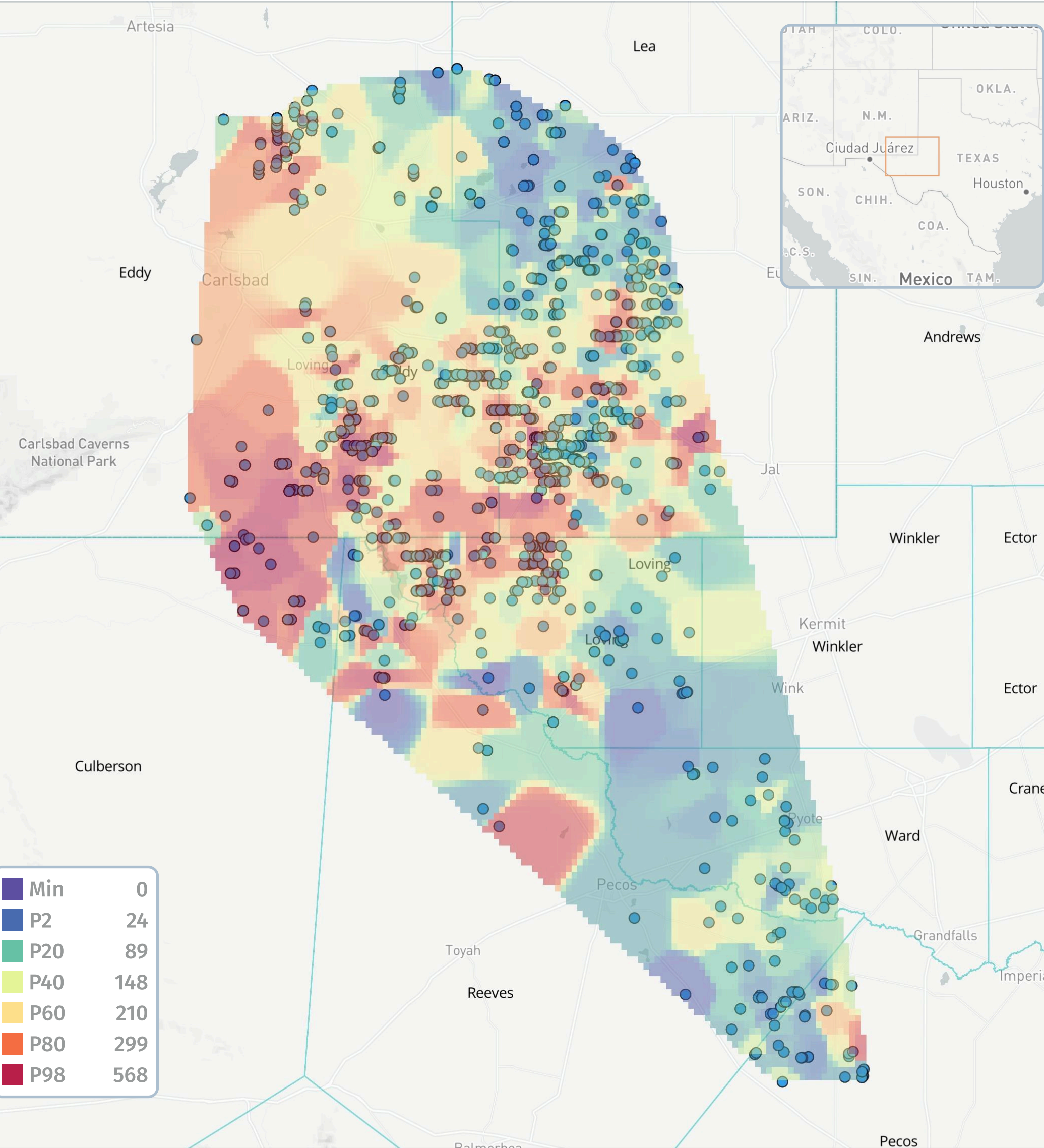


Gas EUR/PLL

MCF/FT

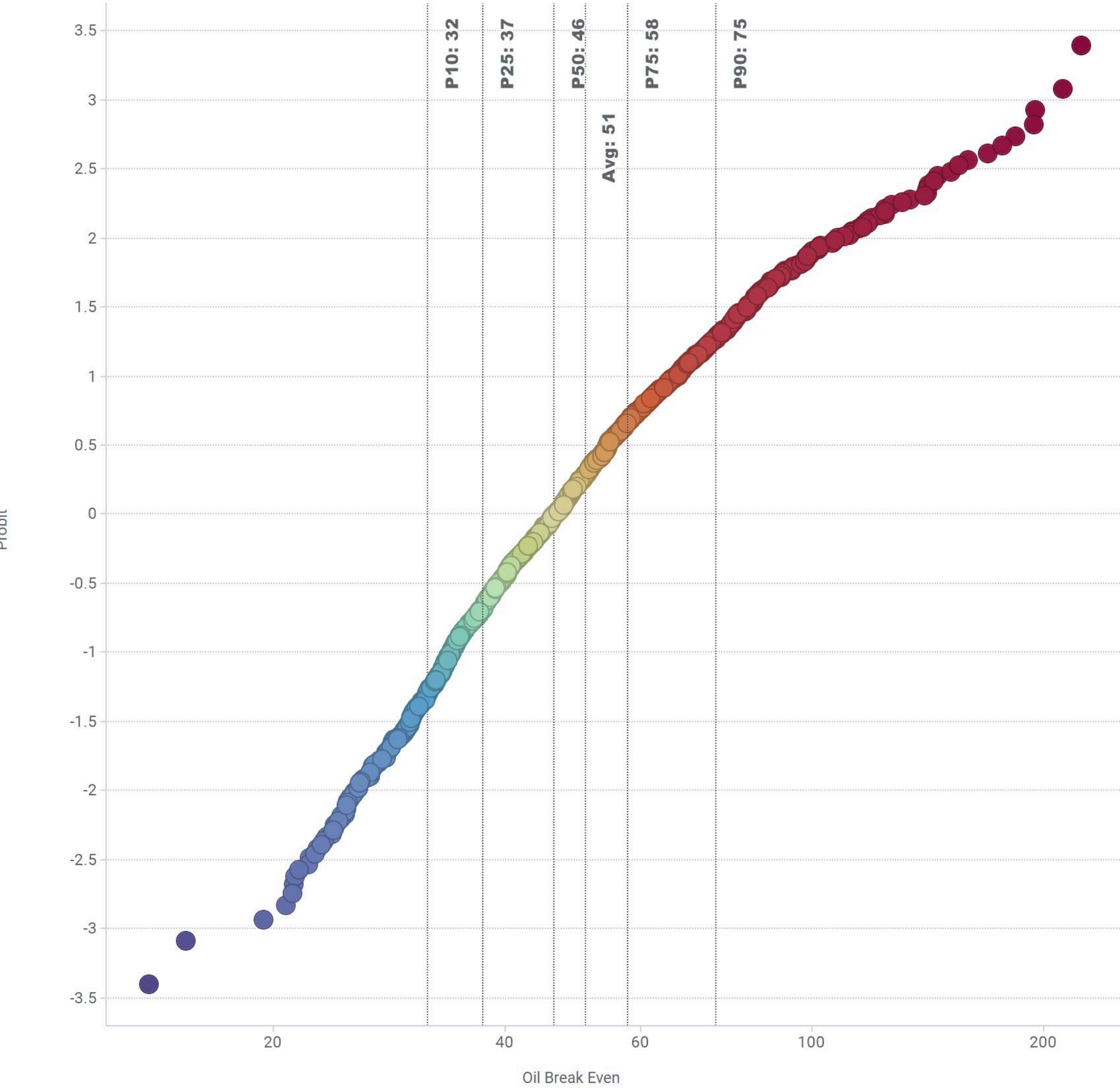


| Gas EUR/PLL |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| P10         | P25 | P50 | Avg | P75 | P90 |
| 60          | 105 | 181 | 204 | 271 | 365 |

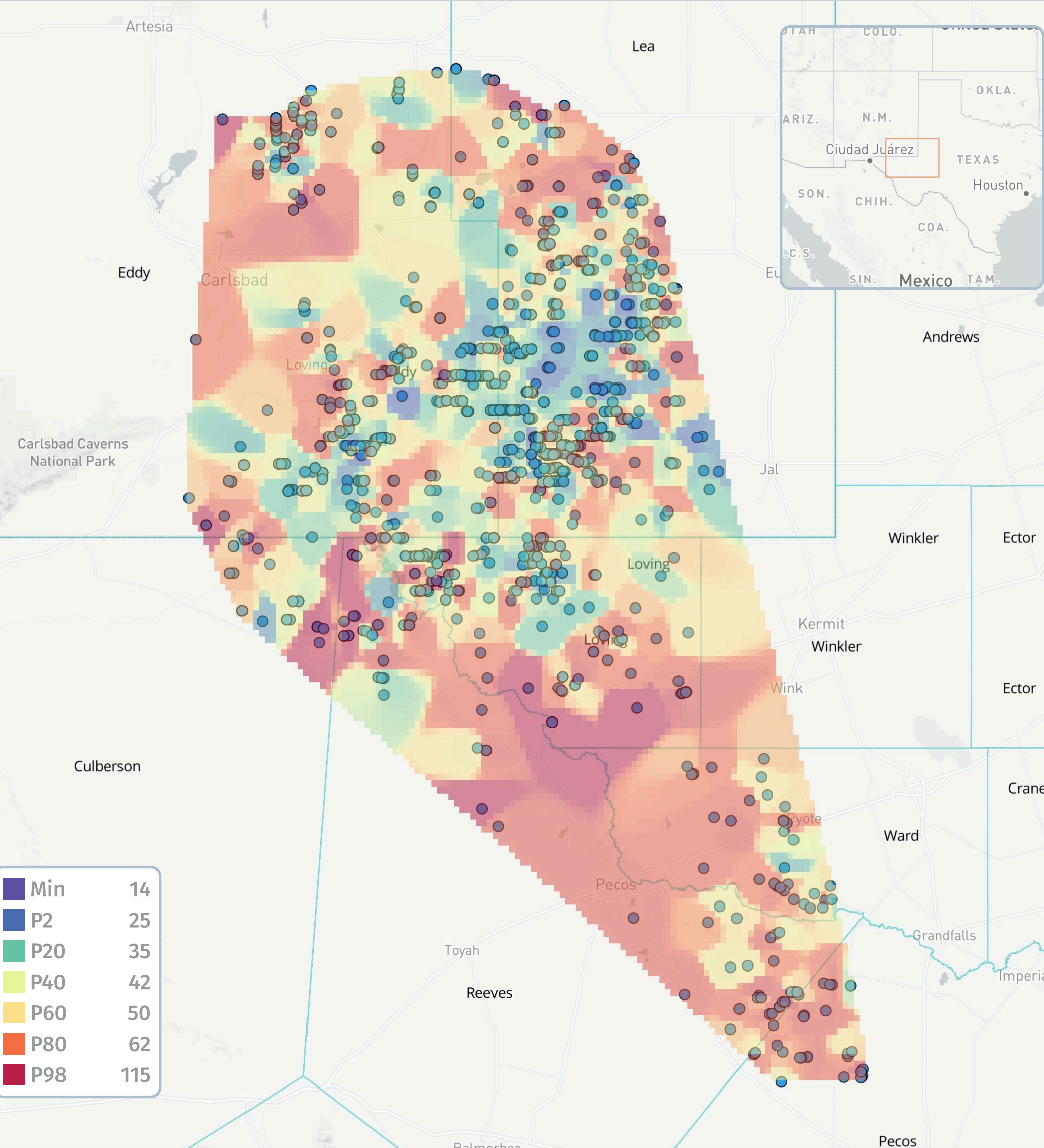


Oil Break Even

\$

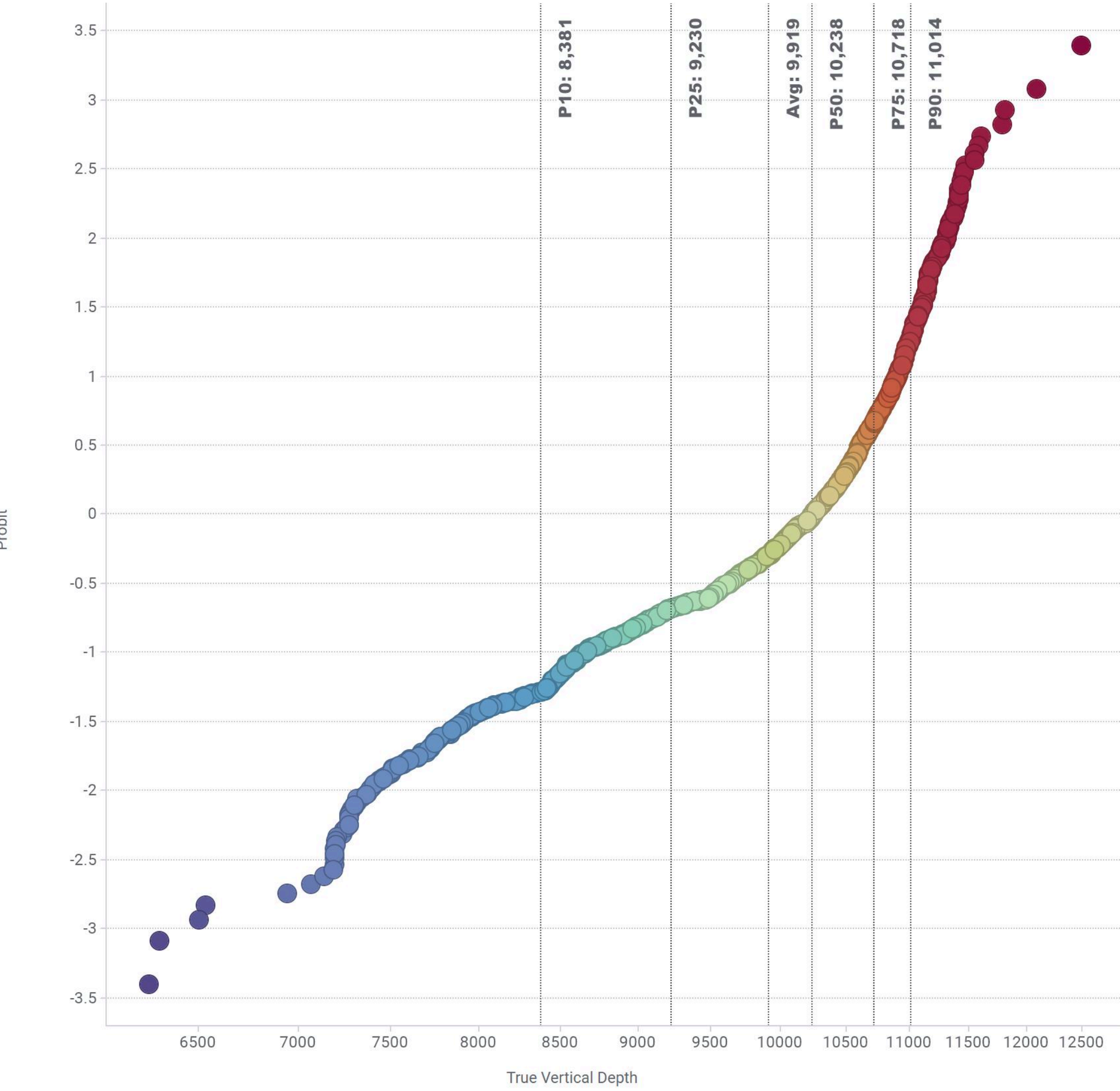


| Oil Break Even |     |     |     |     |     |
|----------------|-----|-----|-----|-----|-----|
| P10            | P25 | P50 | Avg | P75 | P90 |
| 32             | 37  | 46  | 51  | 58  | 75  |

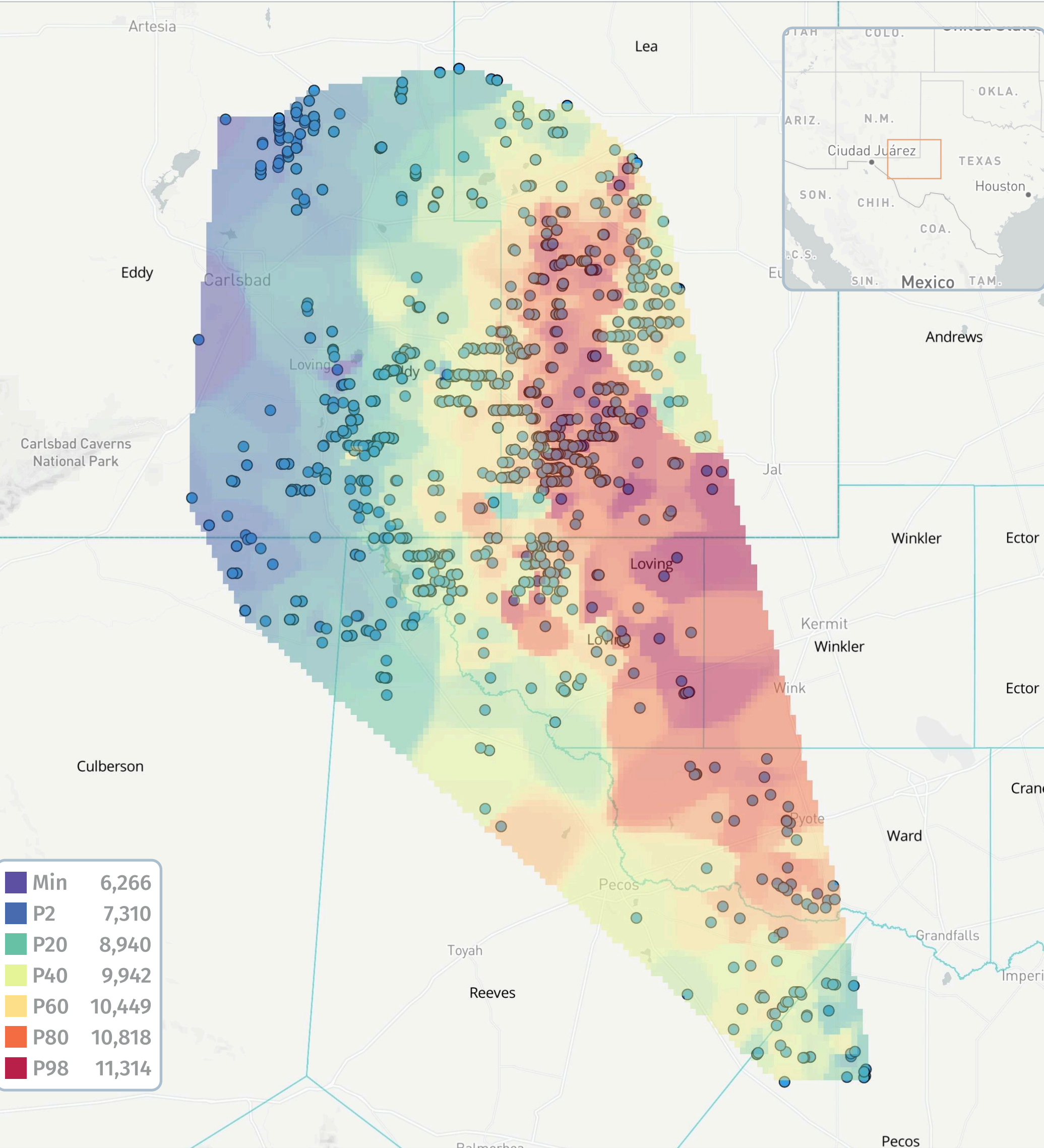


True Vertical Depth

FT

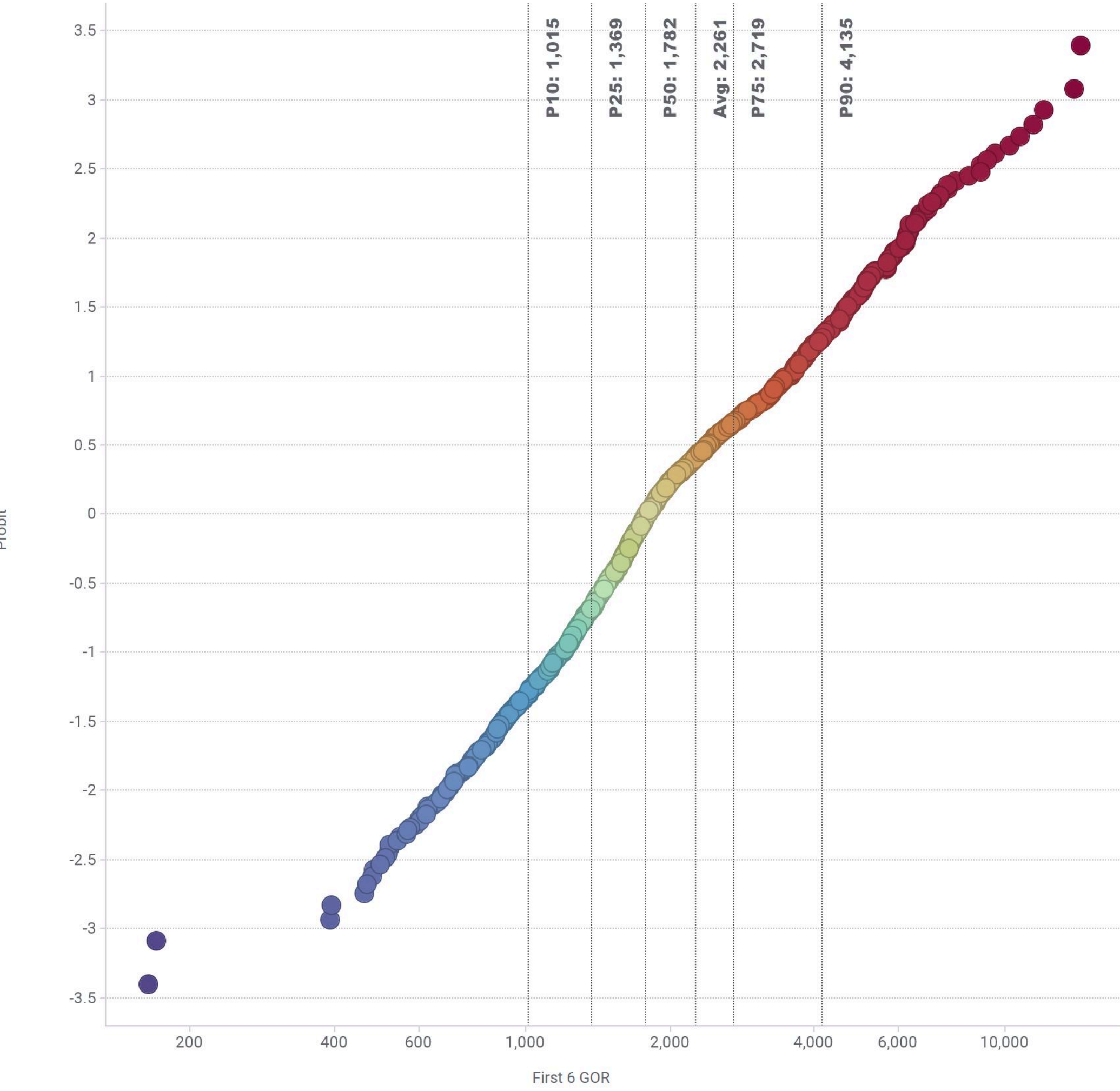


| True Vertical Depth |       |        |       |        |        |
|---------------------|-------|--------|-------|--------|--------|
| P10                 | P25   | P50    | Avg   | P75    | P90    |
| 8,381               | 9,230 | 10,238 | 9,919 | 10,718 | 11,014 |

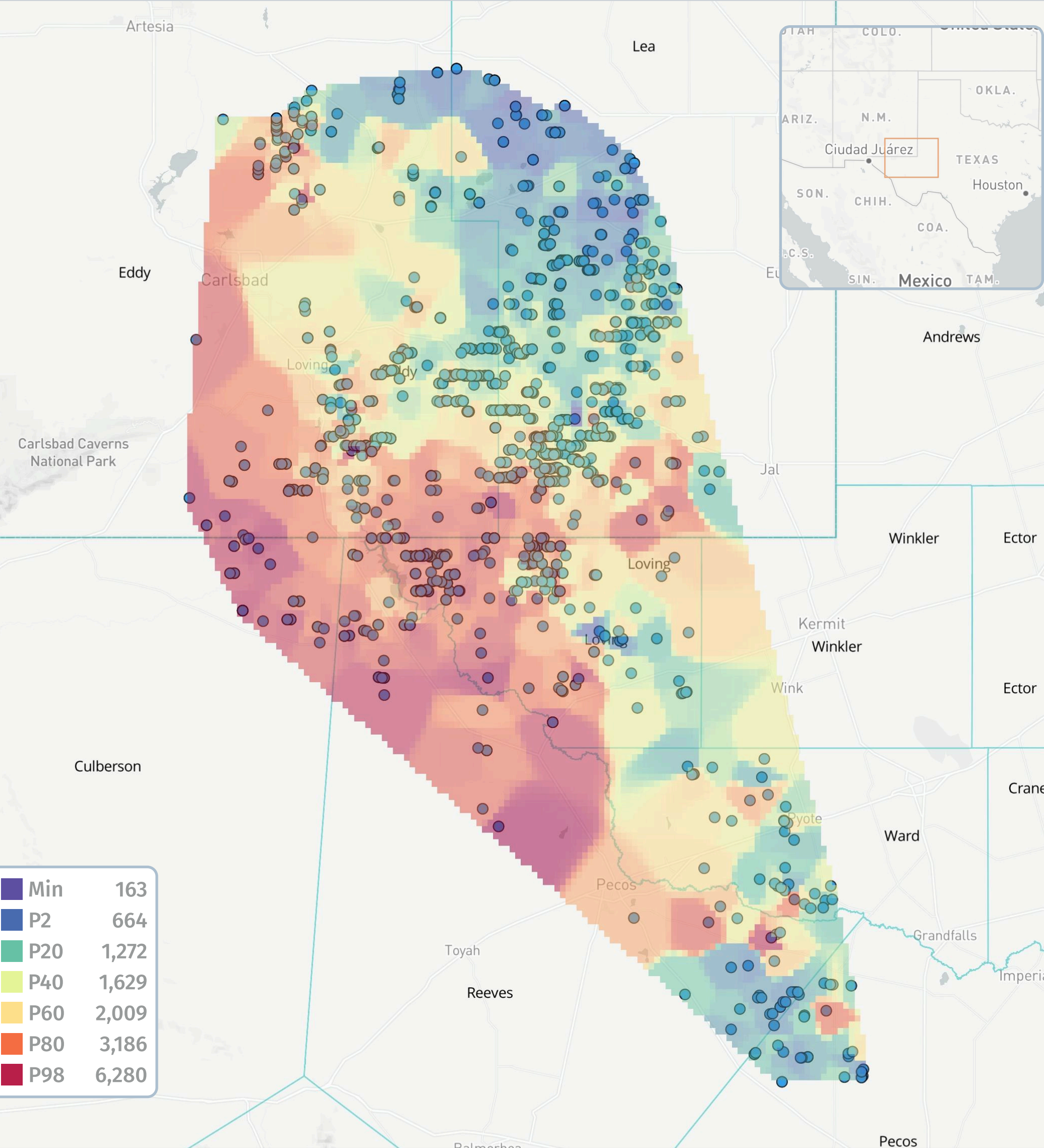


First 6 GOR

SCF/STB



| First 6 GOR |       |       |       |       |       |
|-------------|-------|-------|-------|-------|-------|
| P10         | P25   | P50   | Avg   | P75   | P90   |
| 1,015       | 1,369 | 1,782 | 2,261 | 2,719 | 4,135 |



WELL DATA

Well Count1,488

PLL (FT) P508,251

Proppant Loading (LB/FT) P 502,411

BREAKEVEN ASSUMPTIONS

WI/NRI100% / 75%

Diff-\$5/ bbl oil

-\$1.25/ MMBTU gas

Fixed Cost\$20,000 1-6mo

\$15,000 7-18 mo

\$7,500 to ECL

Oil OPEX\$1.5/bbl

Water disp\$1.5/bbl

Drill Cost\$375/PLL

Completion Cost\$518/PLL

Abandonment\$100,000

Perforated Lateral Length (ft)

PLL

Standard Cubic Feet

SCF

Barrel

BBL

Stock Tank Barrel

STB