ENVERUS

Upstream Pulse

May 5, 2023 Volume 3, No. 9



Special Table: Top Private E&Ps by Production - PG. 13

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North American E&P | Gas not as oversupplied as market indicates, Range says

North American E&P | Matador to make a U-turn to drive capital efficiency

North American Deals & Finance | Callon doubles down on Delaware as it bows out of Eagle Ford

North American Deals & Finance | Crescent taking the wheel from partner Mesquite for \$600MM

North American Deals & Finance | FireBird II takes flight with \$500MM and new wingman Quantum

North American Deals & Finance | Pioneer's Sheffield out, bolt-ons and acreage trades still in

International | Exxon & partners sanction \$12.7B, 250 Mbo/d Uaru off Guyana

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Appalachian E&Ps see opportunities for savings later this year

Natural gas prices have been trending downward since last August, with Henry Hub spot dropping from over \$9/MMBtu to around \$2/MMBtu. Enverus Intelligence® | Research's most recent monthly Macro Forecaster report of predicts continued weakness, with Nymex gas averaging around \$2.50 this summer and remaining in the \$2.50-\$3.00 range until winter 2024-2025. These price levels will inevitably drive a reduction of activity in gasfocused plays. However, some public companies operating in the Appalachian Basin see a silver lining, predicting that softening demand for oilfield services and materials will drive cost reductions in the back half of this year.

"Year-to-date in 2023, we have seen the price of rigs and pumping crews start to show signs of receding slightly," Range Resources COO Dennis Degner told investors April 25, echoing comments he made on the company's previous earnings call amid announcements from U.S. operators that they were slowing their drilling programs to maintenance level. "Next-generation pumping crews continue to be in high demand, but the availability of traditional spot crews and drilling rigs has increased." **Read more...**

Total exits oil sands in C\$5.5B blockbuster sale to Suncor

Suncor Energy is acquiring TotalEnergies EP Canada Ltd. and all its operations for C\$5.5 billion cash (\$4 billion), with contingent payments over five years of up to C\$600 million based on WCS benchmark pricing and certain production targets. CEO Rich Kruger said the transaction represents a major step in securing long-term bitumen supply to Suncor's

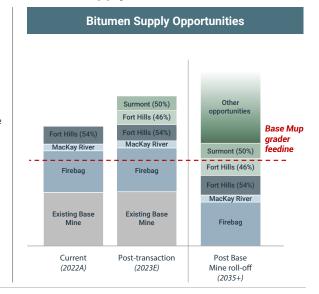
Base Plant upgraders at a competitive supply cost. He added that the deal also introduces flexibility and optionality into the company's long-range capital plan.

Sale determined to be simpler and comparable in value to proposed spinoff.

The core assets of French supermajor TotalEnergies' Canadian subsidiary are its non-operated 31.23% stake in Suncor's Fort Hills oil sands mine and 50% WI in the Surmont steam-assisted gravity drainage project, which is operated by ConocoPhillips (50% WI). The U.S. E&P firm will have right of first refusal on the Surmont stake. Suncor said the deal also includes associated logistics commitments and C\$10.5 billion of tax pools. Total also has midstream, lubricants and marketing businesses in Canada, although they do not appear to be included in the deal. **Read more...**

Deal Secures Long-Term Bitumen Supply for Base Plant

- Further step in proactively addressing long-term bitumen supply strategy
- With two acquisitions at Fort Hills totaling 46% plus 50% of Surmont, 163 kbpd of bitumen production capacity acquired at ~\$38,000/bpd to partially replace 260 kbpd of Base Mine bitumen production
- Fort Hills and Surmont immediately add low-risk, high-quality bitumen production
 - Fort Hills PFT volumes and bitumen production from Firebag and MacKay River can keep Base Plant upgraders full post end of mine life in mid-2030s



Source | Suncor 04/27/23 presentation via Enverus docFinder

Upstream Pulse

Top Private Lower 48 and GOM E&P Companies of 2022 by Gross Operated Production

| 2022 Rank | Operator | Production (boe/d) | Liquids (bbl/d) | Natural Gas (Mcf/d) | Oil % | Well count | Primary Enverus Region | 2021 Rank | Direction | Avg. March 2023 Rigs |
|--------------|-----------------------------|-----------------------|--------------------|------------------------|-------|---------------|---------------------------|--------------|-----------|-------------------------|
| 1 | Continental Resources | 591,315 | 279,275 | 1,872,180 | 47% | 4,609 | Rockies | NEW | NEW | 19 |
| 2 | Ascent Resources LLC | 423,817 | 15,764 | 2,448,304 | 4% | 804 | Eastern U.S. | 1 | V | 4 |
| 3 | Mewbourne Oil | 340,058 | 204,176 | 815,246 | 60% | 3,004 | Permian | 5 | | 21 |
| 4 | Aethon Energy | 335,840 | 374 | 2,012,790 | 0% | 1,825 | Gulf Coast | 3 | ▼ | 13 |
| 5 | Endeavor Energy | 279,764 | 193,877 | 515,319 | 69% | 3,481 | Permian | 6 | | 14 |
| 6 | Hilcorp | 275,905 | 26,859 | 1,494,273 | 10% | 17,988 | Rockies | 2 | ▼ | 3 |
| 7 | Rockcliff Energy II LLC | 221,134 | 313 | 1,324,912 | 0% | 1,032 | Gulf Coast | 4 | ▼ | 5 |
| 8 | Encino Energy | 191,707 | 26,041 | 993,984 | 14% | 1,034 | Eastern U.S. | 7 | ▼ | 1 |
| 9 | Trinity Operating | 166,902 | 20,311 | 879,528 | 12% | 1,512 | Gulf Coast | 15 | A | 5 |
| 10 | BKV Corp. | 161,390 | 451 | 965,539 | 0% | 6,028 | Mid-Continent | 13 | | 1 |
| 11 | Lewis | 156,856 | 3,402 | 920,694 | 2% | 2,221 | Gulf Coast | 11 | - | 1 |
| 12 | CrownQuest Operating | 149,185 | 94,903 | 325,690 | 64% | 1,409 | Permian | 12 | - | 5 |
| 13 | Tug Hill Operating LLC | 129,983 | 6,048 | 743,607 | 5% | 216 | Eastern U.S. | 14 | | 2 |
| 14 | Merit Energy | 126,679 | 19,760 | 641,352 | 16% | 10,903 | Mid-Continent | 10 | ▼ | 0 |
| 15 | Flywheel Energy | 120,547 | - | 723,223 | 0% | 3,738 | Mid-Continent | 9 | ▼ | 0 |
| 16 | Terra Energy Partners LLC | 114,678 | 2,092 | 675,406 | 2% | 6,983 | Rockies | 18 | | 1 |
| 17 | Tap Rock Resources | 111,992 | 70,534 | 248,746 | 63% | 327 | Permian | 36 | | 4 |
| 18 | PureWest Energy LLC | 110,856 | 4,247 | 639,603 | 4% | 3,417 | Rockies | 8 | ▼ | 1 |
| 19 | Caerus Oil & Gas | 104,234 | 1,618 | 615,582 | 2% | 7,276 | Rockies | 46 | | 1 |
| 20 | Sabine Oil & Gas | 103,431 | 1,256 | 613,034 | 1% | 680 | Gulf Coast | 21 | | 4 |
| 21 | Verdun Oil Co. | 102,243 | 63,034 | 235,247 | 62% | 1,612 | Gulf Coast | 55 | | 1 |
| 22 | Birch Operations | 100,872 | 72,444 | 170,570 | 72% | 498 | Permian | 40 | A | 2 |
| 23 | PennEnergy | 96,820 | 994 | 574,948 | 1% | 399 | Eastern U.S. | 20 | V | 1 |
| 24 | Citizen Energy III LLC | 93,129 | 21,075 | 432,311 | 23% | 634 | Mid-Continent | 24 | _ | 2 |
| 25 | HG Energy LLC | 89,138 | 1,626 | 525,070 | 2% | 77 | Eastern U.S. | 37 | | 1 |
| 26 | Mesquite | 88,932 | 35,955 | 317,832 | 40% | 2,241 | Gulf Coast | 17 | V | 1 |
| 27 | Aera Energy LLC | 88,930 | 83,409 | 33,023 | 94% | 9,970 | Western U.S. | 19 | V | 1 |
| 28 | Simcoe LLC | 84,657 | 227 | 506,523 | 0% | 3,623 | Rockies | 29 | A | 0 |
| 29 | LLOG | 84,572 | 58,962 | 153,662 | 70% | 52 | GOM Offshore | 28 | V | 2 |
| 30 | Petro-Hunt | 79,213 | 47,428 | 190,699 | 60% | 856 | Rockies | 26 | V | 2 |
| 31 | Jonah Energy | 77,551 | 3,874 | 442,022 | 5% | 2,456 | Rockies | 23 | V | 4 |
| 32 | Paloma Natural Gas LLC | 77,141 | 9,037 | 408,620 | 12% | 262 | Gulf Coast | 58 | | 2 |
| 33 | Northeast Natural | 76,134 | - | 456,803 | 0% | 127 | Eastern U.S. | 48 | | 1 |
| 34 | BCE-Mach III | 74,824 | 22,916 | 311,391 | 31% | 4,242 | Mid-Continent | 31 | ▼ | 3 |
| 35 | Surge Operating | 73,981 | 52,449 | 129,191 | 71% | 811 | Permian | 32 | V | 2 |
| 36 | Grayson Mill Operating LLC | 72,471 | 47,411 | 150,349 | 65% | 782 | Rockies | 41 | | 2 |
| 37 | Slawson Exploration | 72,368 | 58,655 | 82,266 | 81% | 528 | Rockies | 22 | V | 1 |
| 38 | Scout Energy Partners | 71,904 | 11,836 | 360,216 | 16% | 14,338 | Mid-Continent | 25 | V | 1 |
| 39 | BTA Oil Producers | 71,807 | 43,325 | 170,882 | 60% | 442 | Permian | 30 | V | 3 |
| 40 | Maverick Natural Resources | 66,547 | 18,681 | 287,160 | 28% | 3,286 | Mid-Continent | 72 | A | 1 |
| 41 | Blackbeard Operating | 65,608 | 22,676 | 257,576 | 35% | 2,653 | Permian | 38 | V | 2 |
| 42 | Camino Natural Resources | 54,512 | 13,428 | 246,498 | 25% | 183 | Mid-Continent | 43 | A | 3 |
| 43 | Lime Rock | 50,617 | 30,877 | 118,426 | 61% | 1,308 | Permian | 62 | _ | 2 |
| 44 | QuarterNorth | 50,472 | 38,526 | 71,675 | 76% | 34 | GOM Offshore | NEW | NEW | 1 |
| 45 | Snyder Brothers | 45,662 | 5 | 273,915 | 0% | 1,564 | Eastern U.S. | 61 | _ _VV | 1 |
| 46 | TG Natural Resources LLC | 45,002 | 853 | 266,126 | 2% | 1,709 | Gulf Coast | 35 | ~ | 1 |
| 47 | Fasken Oil & Ranch | 44,347 | 28,988 | 92,152 | 65% | 1,709 | Permian | 60 | <u> </u> | 2 |
| 48 | Bayswater E&P | 43,019 | 28,566 | 92,132 86,711 | 66% | 349 | Rockies | 80 | _ | 1 |
| 49 | Olympus Energy | 42,388 | 20,000 | | 0% | 45 | Eastern U.S. | 87 | _ | 1 |
| | | | - | 254,330 | | | | | . | |
| 50 | Silver Hill Energy Partners | 42,271 | 0 | 253,625 | 0% | 46 | Gulf Coast | NEW | NEW | 2 |

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Top Private Lower 48 and GOM E&P Companies of 2022 by Gross Operated Production

| 2022 Rank | Operator | Production (boe/d) | Liquids (bbl/d) | Natural Gas (Mcf/d) | Oil % | Well count | Primary Enverus Region | 2021 Rank | Direction | Avg. March 2023 Rigs |
|--------------|--------------------------------|-----------------------|--------------------|------------------------|-------|---------------|---------------------------|--------------|------------------|-------------------------|
| 51 | Crowheart Energy LLC | 41,937 | 3,473 | 230,747 | 8% | 2,783 | Rockies | 42 | ▼ | 1 |
| 52 | Walter Oil & Gas Corp. | 41,738 | 23,708 | 108,181 | 57% | 50 | GOM Offshore | NEW | NEW | 1 |
| 53 | Arena | 40,734 | 27,126 | 81,644 | 67% | 305 | GOM Offshore | NEW | NEW | 2 |
| 54 | Vencer Energy LLC | 40,026 | 19,349 | 124,057 | 48% | 413 | Permian | 47 | ▼ | 4 |
| 55 | Kraken Resources | 38,851 | 30,019 | 52,984 | 77% | 325 | Rockies | 68 | A | 1 |
| 56 | Novo Oil & Gas | 37,842 | 13,973 | 143,219 | 37% | 73 | Permian | NEW | NEW | 2 |
| 57 | Spur Energy Partners | 36,660 | 23,002 | 81,907 | 63% | 2,713 | Permian | 63 | | 1 |
| 58 | Sequitur Energy | 36,660 | 13,853 | 136,842 | 38% | 422 | Permian | 56 | ▼ | 1 |
| 59 | GBK Corp. | 36,168 | 19,179 | 101,927 | 53% | 532 | Permian | 44 | \blacksquare | 1 |
| 60 | Cox | 35,847 | 21,362 | 86,902 | 60% | 497 | GOM Offshore | NEW | NEW | 0 |
| 61 | Escondido Resources | 35,353 | 528 | 208,947 | 1% | 161 | Gulf Coast | 64 | | 0 |
| 62 | Hibernia Resources III | 34,162 | 22,595 | 69,398 | 66% | 175 | Permian | NEW | NEW | 3 |
| 63 | Presidio Petroleum | 34,083 | 6,135 | 167,657 | 18% | 2,290 | Mid-Continent | 50 | ▼ | 0 |
| 64 | GEP Haynesville II LLC | 33,954 | - | 203,724 | 0% | 109 | Gulf Coast | NEW | NEW | 1 |
| 65 | Kimmeridge Texas Gas LLC | 33,274 | 29 | 199,470 | 0% | 189 | Gulf Coast | NEW | NEW | 1 |
| 66 | R. Lacy Services | 33,164 | 255 | 197,449 | 1% | 228 | Gulf Coast | NEW | NEW | 1 |
| 67 | Summit Petroleum | 32,668 | 20,216 | 74,707 | 62% | 555 | Permian | 70 | | 2 |
| 68 | UPP Operating | 32,051 | 254 | 190,687 | 1% | 6,375 | Mid-Continent | 59 | ▼ | 0 |
| 69 | Blue Dome Operating LLC | 31,895 | - | 191,371 | 0% | 27 | Gulf Coast | NEW | NEW | 1 |
| 70 | Greylock Energy | 31,671 | 1,054 | 183,682 | 3% | 1,772 | Eastern U.S. | 92 | | 0 |
| 71 | Advance Energy Partners | 30,602 | 21,518 | 54,503 | 70% | 125 | Permian | 73 | | 1 |
| 72 | Carbon Creek Energy | 30,167 | - | 180,941 | 0% | 4,164 | Rockies | 65 | \blacksquare | 0 |
| 73 | Franklin Mountain Energy LLC | 29,602 | 24,208 | 32,366 | 82% | 69 | Permian | NEW | NEW | 4 |
| 74 | Legacy Reserves Inc. | 28,736 | 12,335 | 98,395 | 43% | 916 | Permian | 66 | ▼ | 1 |
| 75 | Anschutz Corp. | 28,582 | 22,760 | 34,930 | 80% | 173 | Rockies | NEW | NEW | 3 |
| 76 | PRI Operating | 28,482 | 21,411 | 42,423 | 75% | 214 | Permian | 86 | | 3 |
| 77 | Citation Oil & Gas | 28,287 | 22,748 | 33,218 | 80% | 2,782 | Mid-Continent | NEW | NEW | 1 |
| 78 | Morningstar Operating LLC | 27,216 | 5,145 | 132,409 | 19% | 1,368 | Rockies | 83 | A | 0 |
| 79 | Bedrock Energy Partners | 27,035 | 251 | 160,691 | 1% | 1,128 | Mid-Continent | 71 | • | 1 |
| 80 | Formentera Partners | 26,612 | 12,321 | 85,733 | 46% | 1,120 | Mid-Continent | NEW | NEW | 0 |
| 81 | Koda Resources | 26,509 | 4,492 | 132,091 | 17% | 836 | Rockies | NEW | NEW | 3 |
| 82 | Canvas Energy | 26,466 | 9,527 | 101,626 | 36% | 552 | Mid-Continent | 78 | V | 1 |
| 83 | Discovery Natural Resources | 26,269 | 10,137 | 96,782 | 39% | 1,043 | Permian | NEW | NEW | 1 |
| 84 | Henry Resources LLC | 25,361 | 18,434 | 41,565 | 73% | 180 | Permian | NEW | NEW | 1 |
| 85 | Beacon | 25,349 | 19,780 | 33,415 | 78% | 11 | GOM Offshore | 53 | V | 2 |
| 86 | 89 Energy III LLC | 24,996 | 7,450 | 105,276 | 30% | 245 | Mid-Continent | 69 | ▼ | 1 |
| 87 | Zarvona Energy | 24,542 | 7,939 | 99,602 | 32% | 1,391 | Permian | 79 | ▼ | 0 |
| 88 | Texas Petroleum Investment Co. | 24,514 | 15,747 | 52,598 | 64% | 1,151 | Gulf Coast | 82 | lacktriangledown | 0 |
| 89 | Verdad Resources | 24,373 | 17,921 | 38,712 | 74% | 276 | Rockies | NEW | NEW | 1 |
| 90 | Steward Energy II | 24,132 | 16,656 | 44,851 | 69% | 195 | Permian | 98 | A | 1 |
| 91 | Enduring Resources | 23,797 | 11,152 | 75,860 | 47% | 971 | Rockies | 95 | | 0 |
| 92 | Pennsylvania General Energy | 23,208 | 0 | 139,244 | 0% | 176 | Eastern U.S. | 88 | • | 0 |
| 93 | Calyx Energy III LLC | 22,985 | 21 | 137,782 | 0% | 126 | Mid-Continent | NEW | NEW | 0 |
| 94 | Zavanna | 22,534 | 10,392 | 72,844 | 46% | 153 | Rockies | 90 | V | 0 |
| 95 | GeoSouthern Energy | 22,380 | 2,725 | 117,928 | 12% | 178 | Gulf Coast | 100 | A | 2 |
| 96 | Uinta Wax Operating LLC | 22,071 | 18,686 | 20,297 | 85% | 664 | Rockies | NEW | NEW | 1 |
| 97 | Logos Resources II | 21,862 | 1,022 | 125,019 | 5% | 1,331 | Rockies | NEW | NEW | 0 |
| 98 | EagleRidge Energy | 21,520 | 269 | 127,486 | 1% | 1,363 | Mid-Continent | 91 | V | 1 |
| 99 | Sentinel Peak Resources | 21,083 | 19,785 | 7,769 | 94% | 1,912 | Western U.S. | 81 | • | 0 |
| 100 | Grit Oil & Gas Management | 20,764 | 13,565 | 43,195 | 65% | 202 | Gulf Coast | NEW | NEW | 2 |

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