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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Natural Gas Drilling

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|  |  |  |  |  |  |  |  |  |  |  |  |  | 1  D |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | R |  | 2  D |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 3  A |  | I |  | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 4  W | I | L | L | I | A | M | H | A | R | T |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | R |  | L |  | W |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | B |  | 5  W | E | T |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | I |  | O |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 6  D | E | S | I | L | T | E | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 7  F |  |  |  |  |  |  |  | K |  | 8  E |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 9  C | O | N | T | R | O | V | E | R | S | I | A | L |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | U |  |  |  |  |  |  |  |  |  | R |  |  |  |  | 10  D |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | R |  |  |  |  |  | 11  D |  | 12  D |  | T |  |  |  |  | A |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | M |  | 13  D | E | V | I | A | T | E | D | H | O | L | E |  | Y |  | 14  F |  |  |  |  |  |
|  |  |  |  |  |  |  | I |  |  |  |  |  | Y |  | R |  | Q |  |  |  |  | L |  | O |  |  |  |  |  |
|  |  |  |  |  |  |  | L |  |  |  |  |  | R |  | R |  | U |  | 15  D |  |  | I |  | S |  |  |  |  |  |
|  |  |  |  |  |  |  | L |  | 16  C | O | N | T | A | M | I | N | A | T | I | O | N | G | A | S |  |  |  |  |  |
|  |  |  |  |  |  |  | I |  |  |  |  |  | T |  | C |  | K |  | A |  |  | H |  | I |  |  |  |  |  |
|  |  |  |  |  |  | 17  N | O |  | 18  F | L | A | R | E |  | K |  | E |  | M |  |  | T |  | L |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  | 19  F | R | A | C | K | I | N | G |  | D |  |  | U |  | E |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  | 20  G | U | L | F | O | F | M | E | X | I | C | O |  |  | S |  |  |  |  |  |
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| **Across**  **4.** the first natural gas well was dug in 1821 by who  **5.** Natural Gas comes in dry form and what other form  **6.** a hydrocyclone much like a desander except that it's design incorporates a greater number of smaller cones.  **9.** something that is debated or disputed  **13.** a wellbore that is not vertical. The term usually indicates a wellbore intentionally drilled away from vertical  **16.** gas that is introduced into the drilling mud from a source other than a formation  **17.** does natural gas have an odor to it  **18.** in petroleum production, gas is often burnt in the form of a  **19.** slang for hydraulic fracturing  **20.** where is the United States's largest reserves of natural gas | **Down**  **1.** A tool used to crush or cut rock  **2.** the machine on the rig consisting of a large-diameter steel spool,brakes, a power source and assorted auxiliary devices  **3.** natural gas is lighter than what  **7.** How many people are currently employed in the natural gas industry  **8.** natural gas fracking can cause what  **10.** the work shift of a drilling crew that commences at about the sunrise hour  **11.** the day cost to the operator of renting the drilling rig and the associated costs of personal and routine supplies  **12.** the structure used to support the crown that blocks and the drillstring of a drill rig.  **14.** Coal,Oil,and Natural Gas all produce heat energy when burned  **15.** a tool for drilling rock that works by scraping industrial grade diamonds against the bottom of the hole |