|                               | ActiveVolume - | Azimuth · | BOPOpening · | BOPPressure · | BitDepth · | DensityIn - | DensityOut · | DownholeRPM - | ole Temperature · | FlowRateIn - | HoleDepth · | HookLoad · | Inclination · | /leasuredDepth - | None · | PumpRate · | ROP. | SPP | SurfaceRPM · | SurfaceTorque · | emperatureOut · | ıeVerticalDepth · | WOB - |  |
|-------------------------------|----------------|-----------|--------------|---------------|------------|-------------|--------------|---------------|-------------------|--------------|-------------|------------|---------------|------------------|--------|------------|------|-----|--------------|-----------------|-----------------|-------------------|-------|--|
| WOB -                         | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 3     |  |
| TrueVerticalDepth -           | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 1           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 0            | 0               | 0               | 3                 | 0     |  |
| TemperatureOut -              | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 0            | 0               | 1               | 0                 | 0     |  |
| SurfaceTorque -               | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 1      | 0          | 0    | 0   | 0            | 1               | 0               | 0                 | 0     |  |
| SurfaceRPM -                  | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 1             | 0                 | 0            | 0           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 1            | 0               | 0               | 0                 | 0     |  |
| SPP -                         | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 0      | 0          | 0    | 2   | 0            | 0               | 0               | 0                 | 0     |  |
| ROP -                         | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 0      | 0          | 4    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
| PumpRate -                    | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 0      | 5          | 0    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
| None -                        | 1              | 0         | 1            | 3             | 1          | 1           | 0            | 1             | 1                 | 0            | 0           | 0          | 0             | 0                | 55     | 0          | 3    | 0   | 0            | 0               | 0               | 0                 | 1     |  |
| MeasuredDepth -               | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 1                | 0      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
| Inclination -                 | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 1      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
| HookLoad -                    | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 4          | 0             | 0                | 2      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 1     |  |
| HoleDepth -                   | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 1           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
| FlowRateIn -                  | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 1            | 0           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
| DownholeTemperature -         | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
| DensityOut -<br>DownholeRPM - | 0              | 0         | 0            | 0             | 0          | 0           |              | 3             |                   | 0            | 0           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
| DensityOut -                  | 0              | 0         | 0            | 0             | 0          | 2           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
| BitDepth -                    | 0              | 0         | 0            | 0             | 1          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
| BOPPressure -                 | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
| BOPOpening -                  | 0              | 0         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
| Azimuth -                     | 0              | 1         | 0            | 0             | 0          | 0           | 0            | 0             | 0                 | 0            | 0           | 0          | 0             | 0                | 0      | 0          | 0    | 0   | 0            | 0               | 0               | 0                 | 0     |  |
|                               |                |           |              |               |            |             |              |               |                   |              |             |            |               |                  |        |            |      |     |              |                 |                 |                   |       |  |

Predicted label