

MAGNUM

DRILLING SOLUTIONS

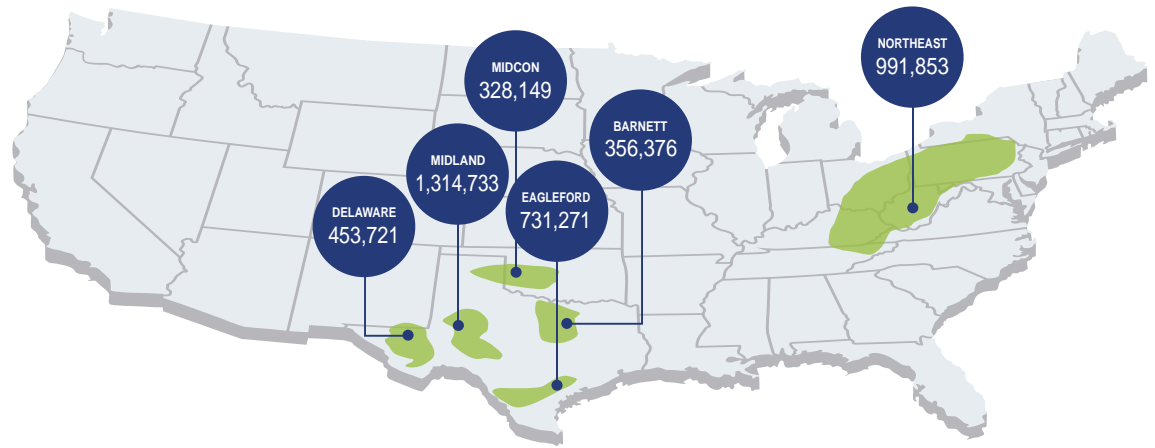


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“KEEP IT IN THE HOLE”

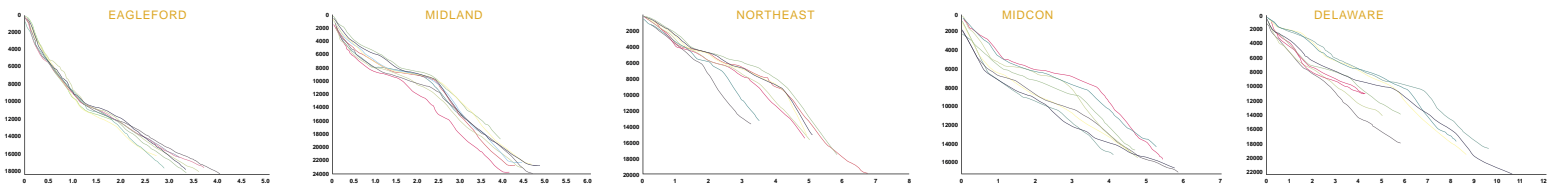
TOTAL FOOTAGE DRILLED

4.1M
TOTAL FOOTAGE



KEY PERFORMANCE INDICATORS

DAYS VS. DEPTH



Days vs Depth charts are based on actual drilling days and do not include flat time unassociated with drilling

MDS9 AT A GLANCE...

MDS, deeply rooted in science and technology, excels in various drilling applications through expertise in Engineering, State-of-Art Manufacturing, and Material Science. Our strong foundation surpasses competitors both in Scale and Sophistication.

Quick Description

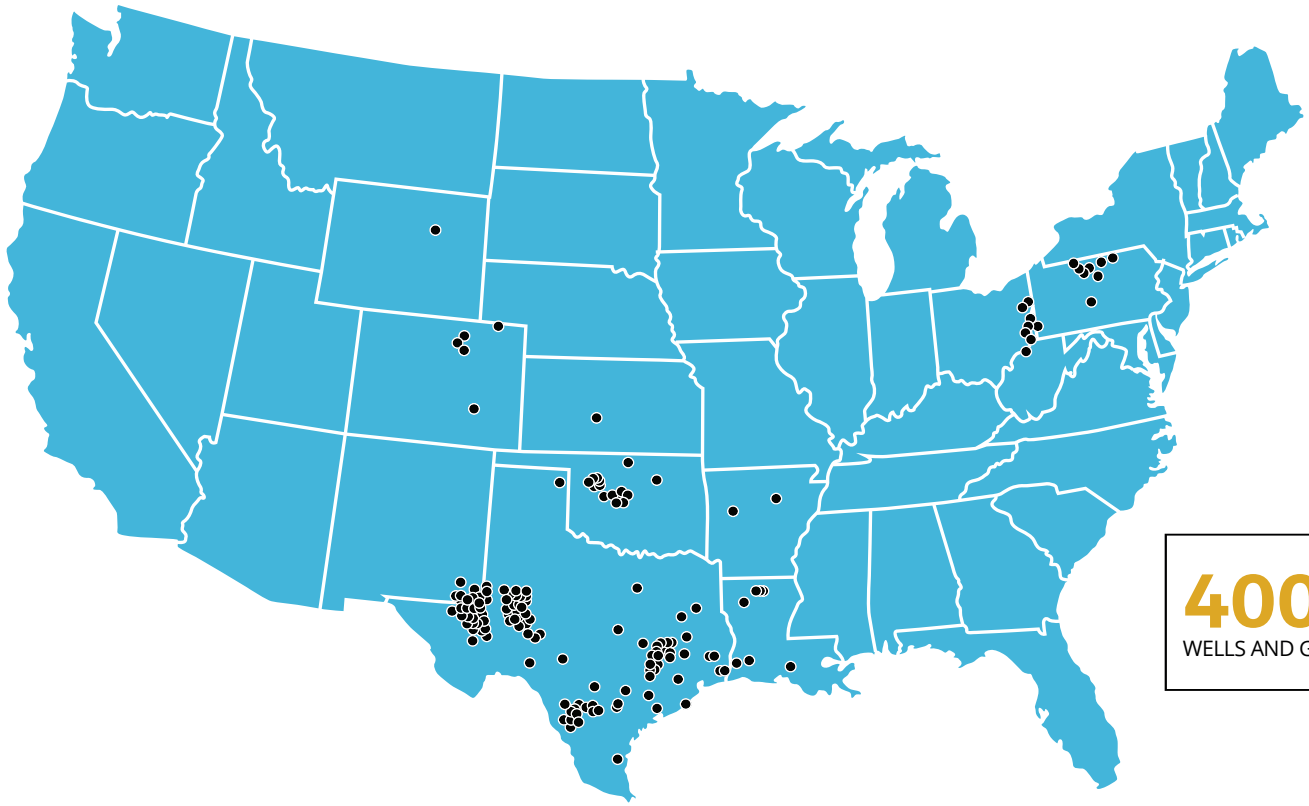
- Latest advancements in Oil & Gas technologies
- 200,000 Sq ft of R&D, Manufacturing, Heat Treating, and R&M Shop
- 100+ Mazac CNC 5&6-Axis Machines
- 50,000 Sq ft Heat Treat facility Atmospheric, IQ, Vacuum, Gas Nitriding, Cryo
- AS9100 Aerospace CERT
- ISO 9001:2015 CERT

OUR HONORABLE HERITAGE

Our organization leveraged the most industry experienced people and most advanced products and services to drive production and cost efficiencies. Our drilling partners and experts innovate, manufacture, deploy, and support the best systems to optimize your drilling programs.

Excellence in Motion

- Dependable next-generation Drilling Motors, MWD, and Downhole Tools
- Investment of New Releases in Motor Fleet and Performance Software
- Strategic Financial and Marketing growth partner with over \$3 Billion in retail sales
- Concerted efforts pioneering new scientific and technological solutions for global drilling applications.



4000+
WELLS AND GROWING

TECHNOLOGICALLY ADVANCED DRILLING MOTORS

MDS9 Magnum-Series Performance Mud Motors are technological spearheads for the drilling motor industry. The oil-sealed and mud-lubricated bearing assemblies are coupled with a proprietary vibration-free transmission to assure performance, reliability, efficiency, and long lifespan of our tools.

44 MAGNUM SERIES OIL LUBRICATED AND SEALED MOTORS

This model features superior torque and load bearing capacity. All 44 Magnum motors are equipped with rotor catch assemblies. Near bit stabilizers and offset kick pads are available upon request.

KEY FEATURES

- Proprietary driveline, 9th generation
- Flex shaft modifications available to accommodate high torque power sections
- Low vibration performance improves downhole tool life
- Zero-Bypass RSS Assist and Air Drilling Compatible Motors

NIGHT HAWK "NEW" GEN3 PREM. SHORT BIT TO BEND HIGH TORQUE MUD-LUBED MOTORS

Industry Renowned Legend "NIGHT HAWK" GEN3 is the latest model introduced by MDS. It is a mud-lubed motor with a short bit to bend specifically designed for curve and lateral drilling applications.

KEY FEATURES

- Mud-Lubed Bearing Stack
- High Thrust Load Capacity
- Variety of Short & Long Bit to Bend Options
- Industry Trusted Reputable Name & Design

ADVANTAGES

- In-house Engineering, Manufacturing, Sustaining and R&D
- State-of-the-Art machine shop with 100+ CNC machines in-house for fast modification and mass production
- Compatible with a wide range of Power Sections
- Years of high level Engineering

MAGNUM

DRILLING SOLUTIONS

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44 MAGNUM

OIL LUBRICATED & SEALED

NIGHT HAWK GEN3

PREMIUM SHORT BIT TO BEND



MOTOR SIZE	POWER CONFIGURATION	FLOW RANGE (GPM)	RPG	MAX DIFFERENTIAL	MAX TORQUE	TORQUE SLOPE
5"	6/7 8.0	150-300	0.81	1800	5720	3.2
5"	7/8 2.6	150-300	0.26	590	5250	8.9
5"	7/8 3.8	150-250	0.52	860	4450	5.2
6.5-6.75"	4/5 7.0	300-600	0.49	1580	9090	5.8
6.5-6.75"	5/6 8.2	450-700	0.4	1850	11270	6.1
6.5-6.75"	7/8 3.0 Slow	300-600	0.16	710	11110	15.75
6.5-6.75"	7/8 5.0	300-600	0.29	1130	10460	9.3
6.5-6.75"	7/8 5.0 EW	300-600	0.27	1330	12010	9.06
6.5-6.75"	7/8 5.7	300-650	0.24	1280	13720	10.7
7"	5/6 8.3	350-750	0.38	1960	13030	6.68
7"	7/8 5.7 EW	350-700	0.25	1710	18486	10.8
7"	7/8 8.5	400-750	0.24	2000	19540	9.8
8"	4/5 6.0	400-900	0.25	900	15300	11.3
8"	7/8 4.0	400-900	0.17	900	14930	16.6
8"	7/8 5.9	400-900	0.17	1330	21680	16.3
8"	7/8 5.9 EW	400-900	0.15	1780	28260	15.92

* OTHER SIZES AVAILABLE UPON REQUEST

R&M SHOP



DOWNHOLE TOOLS



MANUFACTURING



HEAT TREAT



MAGNUM
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AS9100
CERTIFIED
ISO 9001

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