

► Tony W. Hord

ALRDC Gas Lift Workshop June 7th-11th 2021





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Completion and Well Management Principle Artificial Lift Engineer, ExxonMobil Upstream Integrated Solutions Company

35.5 Years with ExxonMobil, 46 year in the Petroleum Industry

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If I knew then what I know now what would I have done differently?

- What have I learned from 46 years in the petroleum industry?
- Are we teaching the right things to the next generation?

What is the Vision for Future Gas Lift?

- Technology equipment, automation?
- Data AI (artificial Intelligence), Smart Cas Lift?

A Career in Artificial Lif

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What have I learned from 46 years in the petroleum industry?

- As is life, Once a well has been drilled & completed, it begins to deplete.
- The life cycle of the oilfield is 20 years
- Artificial lift is at the heart of long-term oil & gas production.
- Gas Lift offers a wide range of opportunities for oil gas production.

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Are we teaching the right things to the next generation?

Fundamentals

Design Surveillance Troubleshooting Optimization Well testing <u>On the Job</u> <u>Training</u> Surveillance Recording Well Testing Optimization

<u>Detailed specific</u> <u>disciplines</u> Metering Orifice sizing Gas lift designing <u>Career</u> <u>Development</u> Gas lift principles Best Practices Project & gas lift design

Tony Hord and Mike Johnson XOM URC Gas Lift School pre-2014 8/19/2021





If I knew then what I know now what would I have done differently?

- Keep things simple, effective, efficient and profitable.
- Plan, develop and execute for the future.
- Network more, ALRDC, API, SPE, SWPSC and other Industry workshops



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What is the Vision for the future of Gas Lift?

- Dynamic
- Progressive
- Energetic

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What is the Vision for the future of Gas Lift?

Technology

- Equipment
- Automation

Data

AI - artificial intelligence

Smart Gas Lift



A Career in Artificial Lift?

- Multiple types of artificial lift
- De-liquification
- ESP, electrical submersible pumps
- Gas Lift and intermittent gas lift
- Hydraulic lift, jet and reciprocating pumps
- Plunger Lift, GAPL, PAGL
- Progressive cavity pumps
- Sucker rod pumping

A promising & exciting future is the beginning of a satisfying & fulfilling career!



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