

Résumé**John Martinez**
Petroleum/ Mechanical Engineer

Experience Summary: Forty years experience in oil field production technology with a specialty in production facility revision and artificial lift operations, with extensive expertise in gas lift. This includes well deliverability, transient pressure testing, downhole equipment evaluation and selection. Surface facility design experience includes multiphase pipelines, separation, metering, compression, dehydration, water treatment and disposal, and pumps. Specialist in revising and upgrading lift and surface facilities to reduce failures and operating cost.

Date of Birth: 1942

Citizenship: U.S.A.

Education: The University of Texas at Austin, B.S. in Mechanical Engineering (1967),
M.S. in Mechanical Engineering (1968)

Professional: Registered Professional Engineer - Texas
American Society of Mechanical Engineers, ASME
Society of Petroleum Engineers, SPE
National Association of Corrosion Engineers, NACE
API - Gas Lift Equipment Task Group
ASME/API/ISO Gas Lift Workshop organizer

WORK EXPERIENCE:**PRODUCTION ASSOCIATES 1979-Present Houston**

Consulting Production Engineer

Design and implement facilities for oil and gas production, water treatment and disposal, and artificial lift equipment. Field development planning, revision of existing fields, and on-site well testing to develop field data. Wellbore deliverability and pressure transient testing. Directed software development for production nodal analysis and multiphase flow PC programs. Gathered field performance data, conducted production tests, and obtained downhole data for use in audits, revisions, and legal assessments. Conducted facilities, production, and artificial lift courses. Clients located in USA, Middle East, Asia, South America, Mexico and Canada.

EXXON PRODUCTION RESEARCH 1973-1979 Houston

Senior Engineering Specialist - Production

Conducted studies of field production facilities, artificial lift or lift comparison. Provided on-site consulting or conducted schools in Houston, Los Angeles, Venezuela, Saudi Arabia, Abu Dhabi, Malaysia, Canada, Libya, Iran, and Australia.

EXXON COMPANY USA 1968-1973 Corpus Christi

Senior Engineer

Engineering design and commissioning of gas production, compression, and dehydration facilities. Designed and commissioned artificial lift, salt water disposal systems, injection wells, and oil production equipment. Designed and implemented workovers.

PROJECTS & COMPANY PUBLICATIONS

1. Castaic Junction Field Study, California
2. Ahwaz Bangestan Artificial Lift Study, Iran
3. Santa Barbara Completion Design Study, Offshore California
4. Khurais Artificial Lift Study, Saudi Arabia
5. Khurais Re-evaluation of Artificial Lift for 190 MBCD Rate, Saudi Arabia
6. Onshore Gas Facilities and Gas Pipelines, Malaysia
7. Mabruk Field Artificial Lift Study, Libya
8. Gas Lift vs. Submersible Pumping for North Uthmaniyah, Saudi Arabia
9. East Cameron 272 Well Performance Study, Offshore Louisiana
10. Control of Gas Coning Through Use of Chemical Blocking Agents, Norway
11. North Fields Onshore Development Plan, Saudi Arabia
12. Troll Field Artificial Lift, Norway
13. Arzanah Artificial Lift Study, Abu Dhabi
14. Arzanah Submersible Pump Selection, Abu Dhabi
15. Arzanah Recommended ESP Installation and Test Procedures, Abu Dhabi
16. SW Hardin Gas Lift System Evaluation, Texas
17. Khaskeli Artificial Lift Study, Pakistan
18. Gas Lift Analysis of Rankin Field, Texas
19. Khaskeli Gas Lift Design, Pakistan
20. Neale Field Gas Lift Evaluation, Louisiana
21. Maggie Branch Gas Lift Evaluation, Texas
22. Ras Budran Gas Lift Optimization, Egypt
23. Hilbig Well Tests and Gas Lift Implementation, Texas
24. Ras Budran Gas Lift Optimization Review and Revisions, Egypt
25. CO₂ Gas Lift Study and Installation, Texas
26. Zeit Bay Gas Lift Optimization, Egypt
27. Rod Pump Design Revisions in a CO₂ Flooded Field, Texas
28. Zelten Field Rod Pump Revisions, Egypt
29. Mumbai High Gas Lift Optimization, India
30. Poza Rica and Chicontepec Artificial Lift Optimization, Mexico
31. Ursa Field Gas Lift Optimization, Offshore Louisiana
32. Offshore and Onshore Gas Lift Optimization, Qatar
33. Poza Rica Field Waterflood Facility Design, Mexico
34. Assam Gas Lift Optimization, India
35. Gas Well Analyses and Velocity Strings, Texas
36. Numerous Pressure Build Up Test projects

PUBLICATIONS

1. API GAS LIFT - BOOK 6, 1984, 1995 - co-authored
2. API RP 11V-7 "Repair, Testing, and Setting Gas Lift Valves" - co-authored
3. API RP 11V-8 "Gas Lift System Design and Performance Prediction" - co-authored
4. "Effect of Temperature and State of Stress on Hydrogen Embrittlement of High Strength Steel", Corrosion, Vol. 28, No. 10, 1972 co-authored
5. "Proper Tools, Usage Make Marginal Wells Profitable", The American Oil & Gas Reporter, Vol. 30, No. 1, 1987 co-authored
6. SPE 30197 "Modeling Coiled Tubing Velocity Strings for Gas Wells" June 1995 – co-authored
7. SPE 46030 "Coiled Tubing Velocity Strings – Expanding the Cases" April 1998 – co-authored
8. SPE 52163 "CO₂ Gas Lift – Is It Right For You?" March 1999