

JAMES R. VAN METER, M.S., CPG
SENIOR PETROLEUM GEOLOGIST
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EDUCATION

1990 M. S. GEOLOGY
COLORADO SCHOOL OF
MINES GOLDEN,
COLORADO

1980 B.A. GEOLOGY
WESTERN STATE
COLLEGE GUNNISON,
COLORADO

ASSOCIATIONS

Rocky Mountain
Association of
Geologists

American Association of
Petroleum Geologists
Certified Petroleum
Geologist #4813

Society of Petroleum
Engineers

Kansas Geological
Society

Society of
Petrophysicists
and Well Log
Analysts

EXPERTISE

FRACTURED SHALE
RESERVOIR EVALUATION

RESERVOIR 3-D
GEOPHYSICAL ANALYSIS

ECONOMIC FORECASTING
AND RESERVES

PROFESSIONAL HIGHLIGHTS

MORE THAN THIRTY YEARS OF WIDE RANGING OIL AND GAS EXPERIENCE IN DOMESTIC AND INTERNATIONAL PETROLEUM GEOLOGY AS A SENIOR EXPLORATION/DEVELOPMENT GEOLOGIST AND GEOLOGICAL ENGINEER.

WORK EXPERIENCE

2018 - 2019 GEOLOGIST

FLATWATER INC. CONTRACT WITH DEPT OF INTERIOR

- **Evaluate Oil & Gas potential over 12 indian reservations in the Rocky Mountains.**
- **Create poster and brochure information for industry in order to stimulate exploration.**
- **Update Oil & Gas Indian Reservations Atlas for publication.**

2015 - 2018 COO & EXPLORATION MANAGER

SANTA FE NATURAL RESOURCES, INC.

- **Coordinate & supervise the recompletion of wells.**
- **Generate new prospects and evaluate drilling opportunities.**
- **Prepare data and presentations for capital investment.**
- **Evaluate existing oil and gas properties for acquisition.**

2011 - 2015 SENIOR GEOLOGIST – REX ENERGY CORP.

- **NIobrara HORIZONTAL EXPLORATION – DJ BASIN.**
- **RESOURCE PLAY EVALUATION IN THE PALEOZOIC FORMATIONS IN NEBRASKA AND LOWER MISSISSIPPIAN IN ILLINOIS BASIN.**
- **EVALUATION OF PRODUCING PROPERTIES FOR POTENTIAL ACQUISITION – US.**

1999 - 2011 SENIOR CONSULTING GEOLOGIST

- **DURANGO PIPELINE CORP. CASTLE ROCK, CO**
- **CYPRESS PRODUCTION, INC., AZLE, TX**

UNCONVENTIONAL
RESERVOIRS
EXPLORATION AND
DEVELOPMENT

- COAL BED
METHANE
- TIGHT SANDS &
CARBONATES
- FRACTURED SHALE
- CALIFORNIA HEAVY
OIL

PETRA AND GEOGRAPHIX
GEOLOGIC MAPPING
AND RESERVOIR
EVALUATION

PROSPECT GENERATION
AND EVALUATION

REGIONAL FIELD STUDIES

HORIZONTAL AND
WELLSITE COILED TUBING
TECHNOLOGY

SUBSURFACE MAPPING,
WELL LOG CROSS
SECTIONS

PETROPHYSICAL LOG
ANALYSIS,
POWERLOG SOFTWARE

2-D SEISMIC
INTERPRETATION &
MODELING

SEISMOGRAM
DEVELOPMENT

WELLSITE SUPERVISION
AND SAMPLE DESCRIPTION

OVERSEAS OFFICE
MANAGER

- **TIORCO, LLC, DENVER, CO**
- **INFINITY OIL & GAS, INC. DENVER, CO**
- **SCA CONSULTANTS, HOUSTON, TX**
- **MHA PETROLEUM CONSULTANTS, LAKEWOOD,
COLORADO**
- **QUESTA ENGINEERING, GOLDEN, COLORADO**
- **HILCORP ENERGY Co, HOUSTON, TX**
- **HALLIBURTON ENERGY SERVICES, DENVER, COLORADO**
- **INFINITY OIL AND GAS OF WYOMING, DENVER
COLORADO**
- **GUSTAVSON ASSOCIATES INC., BOULDER, COLORADO**
- **ENCANA OIL AND GAS, INC., DENVER, COLORADO**

RESPONSIBILITIES AS CONSULTANT

- **NIORRARA FRACTURED SHALE – EASTERN SANDWASH
BASIN, CO**
- **BARNETT FRACTURED SHALE -, FT. WORTH BASIN, TX**
- **CALIFORNIA HEAVY AND LIGHT OIL PLAYS, SAN
JOAQUIN BASIN.**
- **COAL BED METHANE EVALUATION/EXPLORATION IN
PICEANCE, CHEROKEE, ARKOMA, UINTA, AND WIND
RIVER BASINS, KS, AR, UT, CO, MT AND WY.**
- **HORIZONTAL DRILLING ON-SITE SUPERVISION
NIORRARA FRACTURED SHALE.**
- **BASIN-CENTERED GAS AND COAL-BED METHANE PLAYS
IN THE UINTA, PICEANCE, GREEN RIVER, SAN JUAN,
AND SAND WASH BASINS, UT, CO, WY AND NM.**
- **FIELD AND REGIONAL GEOLOGIC STUDIES WITHIN
ROCKY MOUNTAIN AREA EVALUATING DRILLING AND
COMPLETION PROSPECTS FOR INFINITY OIL AND GAS OF
WYOMING/TEXAS AND HALLIBURTON INTEGRATED
SOLUTIONS, DENVER.**
- **DRILLING EVALUATION FOR PROPOSED INFILL DRILLING,
WATTENBURG FIELD, COLORADO AND WILLISTON
BASIN.**
- **RESERVES ESTIMATION AND REGIONAL/FIELD MAPPING
OF VARIOUS OIL FIELDS IN MEXICO, KAZAKHSTAN,
YEMEN, AFGHANISTAN, MYANMAR AND AUSTRALIA.**

QUESTA ENGINEERING CORPORATION, GOLDEN, COLORADO 1997 – 1999 SENIOR GEOLOGIST

- **BAKER-HUGHES MYANMAR PROJECT: SUPERVISED 30
PERSON OFFICE IN YANGON, MYANMAR. OBJECTIVE:**

(MYANMAR)

DATABASE MANAGEMENT
AND DIGITAL LOG
CONVERSION

PROJECT STARTUP, WELL
LOCATION, PRODUCTION
DATA INPUT.

PRODUCTION DECLINE
ANALYSIS

DST ANALYSIS

OTHER

RMAG-AAPG AWARDS
COMMITTEE MEMBER
ROCKY MOUNTAIN
CHAPTER

SOFTWARE SKILLS

GEOPLUS PETRA,
GEOPLUS PETRASEIS,
GEOGRAPHIX,
SURFER
EXCEL
POWERPOINT
POWER TOOLS
KINGDOM
LANDMARK STRATWORKS,
AND GEOQUEST 3-D.

**REMAP AND ENHANCE PRODUCTION WITHIN THE
GEOLOGICALLY COMPLEX MANN OIL FIELD.**

- **COORDINATED THE GATHERING OF ALL PERTINENT GEOLOGICAL, GEOPHYSICAL AND RESERVOIR ENGINEERING DATA FROM MYANMAR GOVERNMENT.**
- **SUPERVISED DIGITIZING, CORRELATION AND EVALUATION OF MORE THAN 600 WELL LOGS.**
- **SUPERVISED OPERATIONAL LOGISTICS AND COORDINATION OF PERSONNEL TO THE FIELD.**
- **WORKED IN CONJUNCTION WITH A LARGE 3-D SEISMIC SURVEY TO DEVELOP EXPLORATION TARGETS AND FIELD EXPLOITATION CANDIDATES.**

**1993 – 1997 INDEPENDENT GEOLOGICAL CONSULTANT,
LAKEWOOD, CO**

- **GEOLOGICAL CONSULTANT WITH A WIDE VARIETY OF RESPONSIBILITIES FOR DENVER AREA CLIENTS (WAVETECH GEOPHYSICAL, RESOLUTE NATURAL RESOURCES, ATOKA EXPLORATION, K.P. KAUFFMANN, STRATASEARCH, DNR OIL AND GAS) ENCOMPASSING MANY PHASES OF PRODUCTION AND EXPLORATION GEOLOGY INCLUDING PROSPECT EVALUATION AND SCREENING, LEASE ACQUISITION, FIELD MAPPING, PRODUCTION ACQUISITION, WELL-SITE GEOLOGY, LOG ANALYSIS, SECONDARY WORK-OVER, COMPUTER MAPPING, DATA ACQUISITION AND DATA BASE MAINTENANCE.**
- **AREAS OF RESPONSIBILITIES INCLUDE THE ROCKY MOUNTAIN REGION, MID-CONTINENT, GULF COAST, AND CINCINNATI ARCH.**
- **CONDUCTED REGIONAL STUDY AND RESOURCE ASSESSMENT OF FIELDS IN THE NORTH CASPIAN REGION OF THE ASTRAKHAN OBLAST, RUSSIA, INVOLVING EVALUATION OF PROSPECTIVE BIDDING AREAS, CREATING AND MANAGING VARIOUS DATABASES, EDITING TECHNICAL TRANSLATIONS AND SUPERVISING OTHER CONSULTANTS AND TRANSLATORS.**

TENNECO GAS PIPELINE, HOUSTON, TEXAS

1990 – 1993 SENIOR GEOLOGICAL ENGINEER

- **APPRAISE POTENTIAL GAS RESERVES FOR DELIVERY TO PIPELINE THROUGH BASIN AND FIELD STUDIES.**

- **ESTIMATE RESERVOIR GAS VOLUMES, ECONOMICS AND DELIVERABILITY.**
- **PREPARE VOLUMETRIC CALCULATIONS OF ATTACHED OR PROSPECTIVE OIL AND GAS WELLS/FIELDS GULF COAST, TEXAS ON-SHORE, AND MID-CONTINENT REGION FOR PRESENTATION TO MANAGEMENT.**

1987 – 1990 GRADUATE STUDENT, COLORADO SCHOOL OF MINES

- **SUMMER 1989: MOBIL OIL CORPORATION, DENVER, COLORADO: PRODUCTION GEOLOGIST; LOG EVALUATION AND MAPPING CLASTIC RESERVOIRS, SOUTH BELTRIDGE FIELD, KERN COUNTY, CALIFORNIA.**
- **SUMMER 1988: PENDLETON LAND & EXPLORATION, ENGLEWOOD, COLORADO.**
- **SEISMIC MODELING OF SHALLOW CARBONATE RESERVOIRS, CENTRAL KANSAS (THESIS).**
- **SUMMER 1987: INQUEST ENERGY / G.E.O., DENVER, COLORADO.**

RADER AND REYNOLDS, INC.

**STEPHEN D. REYNOLDS EXPLORATION, DENVER, COLORADO
1983 – 1986 CONSULTANT**

- **GEOLOGICAL MAPPING AND REGIONAL GEOLOGIC STUDIES FOR CLIENT COMPANIES.**
- **PROSPECT GENERATION AND WELL-SITE SUPERVISION WITHIN MID-CONTINENT AND ROCKY MOUNTAIN BASINS.**

**GUSTAVSON ASSOCIATES, INC., BOULDER, COLORADO
1981 – 1982 GEOLOGIST**

- **WELL LOG AND RESERVOIR EVALUATION, GEOLOGIC STUDIES OF OIL AND GAS FIELDS IN ROCKY MOUNTAIN REGION.**
- **RECOMMEND OIL WELL COMPLETIONS, MULTIPLE WELL DIRECTIONAL AND HORIZONTAL DRILLING PROGRAMS.**
- **PREPARED RESERVE ECONOMICS AND VOLUMETRIC ESTIMATION.**
- **RESPONSIBLE FOR ALL FIELD OPERATIONS IN NEWLY DEVELOPED TECHNOLOGY FOR MUDLOGGING AND WELLSITE GEOLOGY.**

ROCKY MOUNTAIN GEO-ENGINEERING, GRAND JUNCTION, COLORADO

1980 – 1981 GEOLOGIST, MUD LOGGER

- **ROCKY MOUNTAIN REGION, INCLUDING PARADOX, PICEANCE, SAN JUAN, UINTA, SAND WASH, WILLISTON, POWDER RIVER, HANNA DJ BASINS, SE KANSAS, LAS ANIMAS ARCH.**