

## RESUME

KEITH A. SELINGER

### PERSONAL:

Date of Birth:	October 3, 1939
Marital Status:	Married, Three children
Health:	Excellent

### EDUCATION:

1964 - 1965	University of Wyoming, Bachelor of Science - Petroleum Engineering
1962 - 1964	University of Arizona, Master of Science - Geology
1957 - 1962	University of Tulsa, Bachelor of Science - Geology

### EXPERIENCE:

1986 - Present

GRACE, SHURSEN, MOORE & ASSOCIATES, INC. - Consulting Reservoir Engineer and Environmental Specialist. Responsible for oil and gas property evaluation, reserves determinations, expert witness in civil lawsuits and before State oil and gas commissions. Other work assignments include the evaluation of field operations and remedial work in addition to evaluating pressure buildup, drawdown and drillstem tests. Recommend completion methods and evaluate well logs. Prepared engineering reports with recommendations to KomiQuest joint venture group concerning the South and West Vozey water injection projects in Usinsk, Russia. Reviewed field data and prepared engineering reports with suggestions and recommendations to improve the performance of the Bombay High Field, Bombay, India. This field supplies approximately 64% of India's hydrocarbon production. Instructor for GSM course entitled "Reservoir Engineering Principles for Horizontal Wells". Make recommendations relative to environmental liability and risk assessment involving hazardous waste contamination. Design and implement remediation for environmental cleanup operations.

1980 - 1986

PIONEER PRODUCTION CORPORATION - Responsible for compiling, studying, analyzing and interpreting data to make recommendations concerning workovers, remedial work and production practices. Conducted engineering and geological studies of wells and reservoirs and made recommendations relative to drilling prospects, workovers, methods of producing, shutdowns and plugging and abandoning and/or converting wells. Directed logging and coring operations on new wells, analyzed logs, drillstem tests and core data; prepared graphs, geological maps and projections to forecast oil, gas and water production. Prepared evidence and exhibits and testified before State regulatory agencies. Conducted detailed geological, reservoir and economic studies for both onshore and offshore properties. Evaluated offshore blocks and recommended bids for offshore lease sales. Evaluated properties from an economic standpoint and made recommendations as to drill, participate, go non-consent, or farmout companies' interest. Also wrote and presented "Reservoir Engineering School" for Pioneer Production Corporation.

1970 - 1980

MIDCON CORPORATION - Supervised six reservoir engineers, six reservoir technicians, one production clerk and two secretaries. Approved field evaluations originated by reservoir engineers. Worked with FERC on offshore filings and directly involved with take-or-pay negotiations with producing companies. Supplied reserve and availability estimates for contractual proceedings such as reserve redeterminations and negotiated daily contract quantities. Prepared reserve and deliverability studies for onshore properties and Gulf Coast offshore state and federal blocks. Evaluate well logs, drillstem test, pressure buildup and drawdown tests, pressure and production data, to determine oil and gas reserves in primary, secondary and tertiary recovery projects.

1969 - 1970

C.A.G.C. (CONOCO) - Prepared field studies and evaluated reserves in both developed and developing offshore blocks. Recommended logging programs and completion zones for wells.

Evaluate reservoirs using pressure drawdown, build up and drillstem test data along with both open hole and cased hole logs. Picked target zones for directional wells and followed progress on a day-to-day basis. Evaluated normal and abnormal pressure environments from well logs and drilling characteristics.

1965 - 1969

PHILLIPS PETROLEUM COMPANY - From analysis of reservoir structure, production data, well test, bottomhole pressures and water/oil ratios, determined extent of field, nature of producing zone, type of drive, probable oil and gas reserves, recoveries to be expected by various producing methods, number and spacing of wells, approximate date artificial lift would be required, operations procedures to improve production on individual wells and reconditions of wells. Supervise well logging operations and evaluate resistivity, sonic and radioactive logs in shallow (2500') to deep (19,000') wells in the Western Oklahoma, Texas-Oklahoma Panhandle, Kansas, South Texas, Louisiana, Arkansas, Mississippi, Alabama and Texas-Louisiana offshore Gulf Coast areas. Interpret pressure build up, drawdown and drillstem tests on gas and oil wells. Oversee and monitor the Herring Water Injection Project and the West Pampa Waterflood Unit. Designed and supervised fracture and acid treatments on Panhandle Brown Dolomite and Hugoton Dolomite wells. Pick water injection zones from well logs.

OTHER ACCOMPLISHMENTS:

- Listed in Who's Who Among Students in American Universities and Colleges, University of Tulsa
- Engineering Club Vice President, University of Tulsa
- President, Geology Club, University of Tulsa
- President of Sigma Gamma Epsilon (Honorary Geology Society), University of Tulsa
- Dean's Honor Roll, University of Tulsa
- Dean's Honor Roll, University of Arizona
- Presidents' Honor Roll, University of Tulsa

AFFILIATIONS:

- Member of the following organizations:
- Society of Petroleum Engineers (A.I.M.E.)
- Society of Petroleum Well Log Analysts
- Licensed Professional Engineer (Petroleum)- State of Texas, Serial Number 29700
- Panhandle Industrial Environmental Organization
- Society of Petroleum Evaluation Engineers