

SCOMM

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Official Business

Alaska State Legislature

House of Representatives

Office of the Chief Clerk

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MEMORANDUM

Date: February 1, 2001
To: House Special Committee on Oil and Gas
From: Suzi Lowell *SL*
Chief Clerk
Subject: Governor's Appointments

Speaker Porter referred the following Governor's appointment to the House Special Committee on Oil and Gas:

Alaska Oil and Gas Conservation Commission

Ms. Julie M. Heusser of Anchorage

Appointed: 10/20/2000 Reappointed: 12/31/2000

Term Expires: 12/31/2006

The resume and committee report are attached for your use.

Attachments as noted

*Schedule
for
hearing - soon*
[Signature]

Heusser, Julie M.
Oil and Gas Conservation
Commission, Alaska

Ms. Julie Heusser
Alaska Oil and Gas Conservation Commission
333 West Seventh Avenue, Suite 100
Anchorage, AK 99501-3539

(907) 793-1228 work phone

SUMMARY OF QUALIFICATIONS

Bachelor of Science degree in Petroleum Engineering from Colorado School of Mines, 1977.

20 years in the Alaska oil industry involved in a variety of both Anchorage and North Slope assigned engineering and operations projects for both British Petroleum (BP) and Atlantic Richfield (ARCO). Some of these projects were:

- Endicott Waste Investigation: General drilling, operations and reservoir engineering and well and facility operations expertise to evaluate drilling and operations waste handling practises at the Endicott Field, Duck Island Unit North Slope, Alaska.
- Acted as the lead in an interdisciplinary evaluation of the Prudhoe Bay Eastern Operating Area (EOA) Upstructure area with a subsequent proposal to Management which resulted in its initial development.
- Interdisciplinary project to identify, plan, drill and test a series prototype high-angle wells - the precursor to the current coiled tubing horizontal well. This included working closely with both internal and service company research personnel to develop/select innovative drilling fluids, logging equipment & techniques.
- During a politically strained time among the major Prudhoe Bay Unit owners, developed effective working relationships with representatives of other Prudhoe Bay Unit partners that resulted in the timely evaluation and consensus, co-owner approval of Western Operating Area (WOA) development plans, as well as, reservoir fluid movement.
- As a North Slope(N/S) field Annular Communication Engineer, effectively worked with N/S Production Operations, Anchorage Operations Engineering and the Alaska Oil and Gas Conservation Commission to insure all EOA Prudhoe Bay production and injection wells were operated within the internal ARCO, state and federal guidelines.
- Reserve analysis of ARCO's ownership of the Prudhoe Bay Field.
- Participation in several Prudhoe Bay Unit Long Range Plans, Five Year Plans, as well as, the evaluation of numerous Authorization for Expenditures.
- Economic evaluation of several major Prudhoe Bay Field expansion projects.

Extensive North Slope field experience including, but not limited to:

- Production Operations
- Production Engineering wellwork•Open & Cased hole Logging operations and analyses•Well Integrity operations•On-site troubleshooting, engineering analysis, containment and/or repair of both mechanical downhole tubular and wellhead integrity problems• Perforating• Coiled Tubing Cement Squeeze and Stimulation operations• Fullbore Stimulations/Squeeze/Pumping operations• Pad 3 Oily Waste Disposal Well Annual Testing for continuing certification•Surface and Subsurface Safety Valve Testing•Injection Well Mechanical Integrity Testing•PoorBoy and Conventional Gas Lift•Slickline, Electric Line and Coil Tubing operations•Well Testing•Fluid Sampling

Julie M. Heusser

EMPLOYMENT HISTORY

•Self Employed Consulting Engineer

April '96 - Present

Endicott Waste Investigation

September '97 - March '00

Provided the primary engineering support for the British Petroleum Endicott Waste Investigation. This included general drilling, well and facility operations, reservoir engineering and operations engineering expertise to evaluate drilling and operations waste handling practises at the Endicott Field, Duck Island Unit, North Slope, Alaska.

Prudhoe Bay Annual Report to AOGCC

1Q'97 and 1Q'98

Compiled and generated the Prudhoe Bay Annual Waterflood and Miscible Gas Flood Reservoir Surveillance Report to the AOGCC for British Petroleum for the years 1996 and 1997.

Streamlined future annual reports through the creation of detailed, MS Excel spread sheet templates linked to other spreadsheets and the report verbiage.

OIAS Interface Documents North Slope Production Engineers

April '96 - January '97

Along with safety representatives of Alaska Petroleum Contractors, Co-developed/authored the British Petroleum Operations Integrity Assurance System (OIAS) interface document for the BPXA North Slope Production Engineers and the more than 10 service companies comprising the newly formed Well Service Alliance.

Developed/authored the OIAS interface document for the BP Coiled Tubing Drilling program.

•ARCO Alaska, Inc.

May '81 - July '94

Well Services Supervisor

January '93 - July '94

Onsite coordination and supervision of 6 - 10 conductor line service company personnel and contract labor in the Prudhoe Bay, Lisburne and Point MacIntyre fields.

Worked closely with service company engineers to successfully achieve the transition of increased service company involvement while reducing ARCO supervision during well work operations.

As part of the Well Services Team, worked closely with service company crews to heighten environmental awareness and improve spill prevention practices.

Julie M. Heusser

Senior Operations Engineer

October '82 - January '93

Annular Communication Engineer

October '89 - January '93

Onsite troubleshooting, engineering analysis, containment and/or repair of both mechanical downhole tubular and wellhead integrity problems.

Supervised 3 contract labor positions that routinely performed operations on numerous wells. In spite of the high volume of wells handled, this "Downhole Diagnostic" team worked together to achieve an exemplary record of zero spills and zero accidents for more than 2 years.

Oversight of the ARCO Prudhoe Bay Eastern Operating Area (EOA) and Lisburne Injection Well Mechanical Integrity program to fulfill both the state and federal Underground Injection Control program

Worked closely with British Petroleum counterparts to develop problem well "Best Practices".

Co-authored field manuals on problem well evaluation/testing and well sampling procedures.

Effectively worked with Anchorage Operations Engineering and North Slope Production Operations, and the AOGCC to insure all EOA production and injection wells were safely operated within the state, federal and internal ARCO operating guidelines.

Represented ARCO Production Operations and Operations Engineering during the required, annual, field evaluation operations of the Pad 3 Oily Waste Disposal Wells for 4 years. Due to the importance of the Pad 3 wells to the continued operation of the Prudhoe Bay Field, the complex job logistics and the need for effective interaction with on-site representatives from the AOGCC, EPA and ADEC, this responsibility was assigned to the same person year after year.

Workover/Stimulation Engineer

Oct. '86 - September '89

Effectively worked as an active member of the Workover/Stimulation team in the following capacity:

- Provided town and on-site engineering support of coiled tubing cement squeeze operations.
- Supported field capacity demands with rig and non-rig proposals.
- Tracked, compiled and analyzed all aspects of Non Rig Workover (NRWO) program which included procedures, philosophy, year end results, budget and cost issues.
- Involved in the initial formulation/evaluation of latex cements for coiled tubing squeeze operations.
- Interface representative between operations engineering and drilling groups regarding Rig Workovers (RWO's).

Field Development Engineer

Oct. '82 - September '86

Developed effective working relationships with BP and Exxon representatives (during Prudhoe Bay Unit politically strained times) that resulted in the timely evaluation and co-owner approval of Prudhoe Bay WOA Authorization for Expenditures, development plans, well proposals, drill & completes, workovers, stimulations, perforations, open and cased hole logging requirements.

Julie M. Heusser

Worked effectively with BP and Exxon representatives to develop a consensus understanding of fieldwide Prudhoe Bay reservoir fluid movement.

Acted as the lead person in an interdisciplinary evaluation of the Prudhoe Bay EOA Upstructure area with a subsequent proposal to Management which resulted in its initial development.

Participated in an interdisciplinary team to identify, plan and implement the six well, Upstructure Development "High-Angle Well" program - the precursor to the current coiled tubing horizontal well. This included the evaluation of innovative drilling fluids, innovative open hole logging equipment and techniques, and well testing.

On-site open hole logging, quality control and field log analysis of newly drilled EOA development wells.

Mentor to various junior engineers.

Reservoir Engineer

May '81 - September '82

Participated in Prudhoe Bay Full Field reservoir modeling and development planning, as well as, small scale reservoir modelling.

Participated in several Prudhoe Bay Unit Long Range Plan and Five Year Plan budget and planning processes.

Conducted Prudhoe Bay reserve analysis and full field economic evaluations.

•British Petroleum (Dyce, Scotland & Alaska)

July '77 - April '81

Reservoir Engineer

May '80 - April '81

Participated in Forties Field reservoir surveillance operations and reservoir modelling.

Field Petroleum Engineer

July '77 - April '80

Prudhoe Bay field Petroleum Engineering activities: Open & Cased Hole logging, testing, perforating, fullbore stimulations, equipment and well commissioning to bring the Prudhoe Bay Field on-line.

PERSONAL INFORMATION, EDUCATION & TRAINING

- Single, No Dependents, Born Anchorage, Alaska October 21, 1953
- Personal Interests: reading, various outdoor activities, performing arts, gardening, travel
- BS, Petroleum Engineering, Colorado School of Mines - May, 1977
- Various Industry continuing education courses.

phone contact : 279-1433

Julie M. Heusser