



EXHIBIT(s)
FOR
ORDER NO(s).

COGCC

533-1

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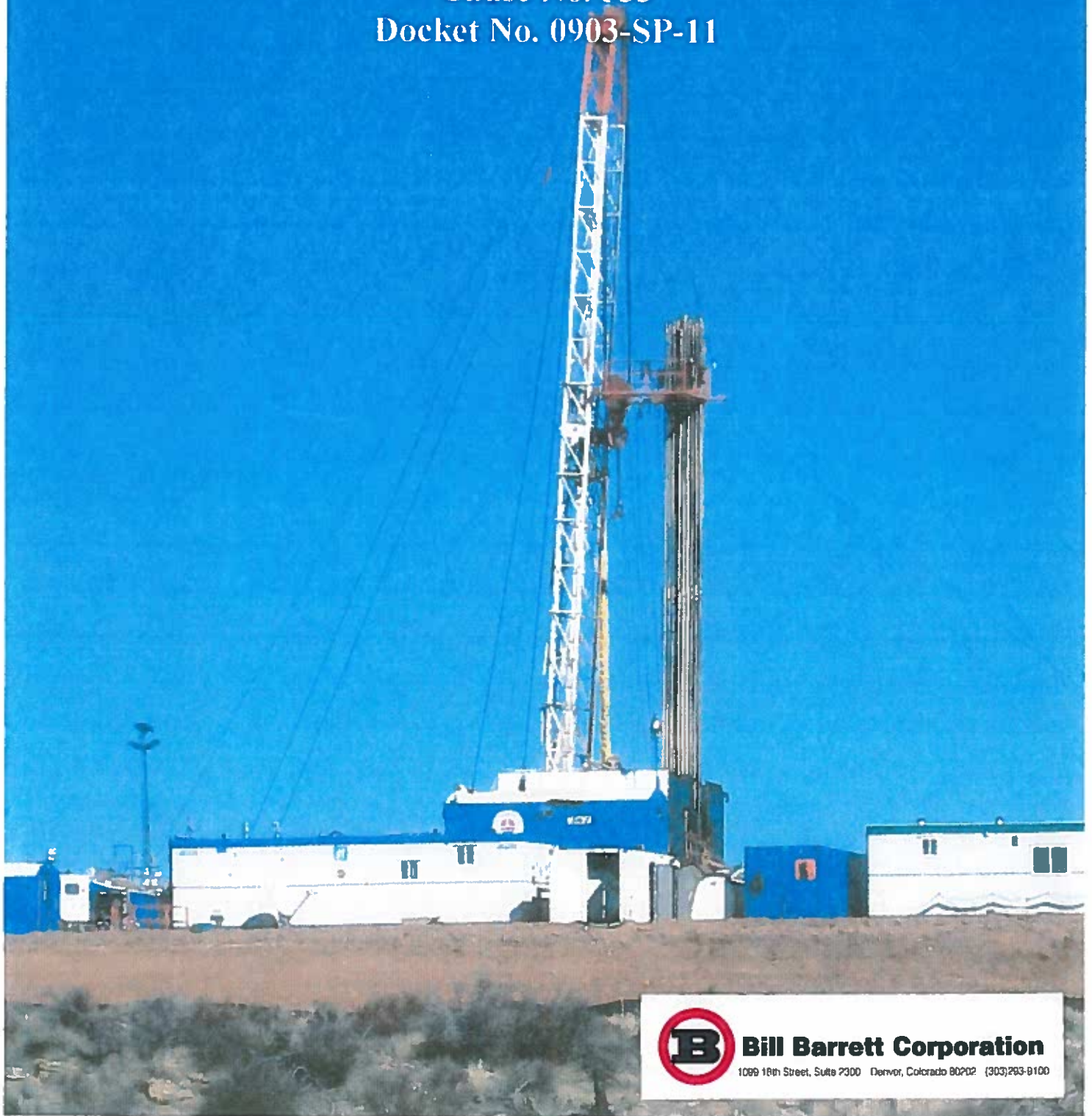
Bill Barrett Corporation

Yellow Jacket Project

Koskie Area Spacing Application

Cause No. 533

Docket No. 0903-SP-11



Bill Barrett Corporation

1089 16th Street, Suite 2300 Denver, Colorado 80202 (303) 293-9100

Exhibit G-1

Geological Objectives

- Describe the geology of the Gothic Shale Gas Resource Play
- Demonstrate that the Gothic Shale is pervasive across the Application lands.

Exhibit E-1

Engineering Objectives

- Demonstrate that as many as 8 Gothic Shale wells will not drain more than 1,280 acres
- Demonstrate that Gothic Shale wells are economically viable

Exhibit E-5

Economics

➤ With current drilling and completion costs, estimated operating expenses, expected pricing, and the simulated production forecast, this venture meets BBC's economic hurdles and development will continue in 2009

Koskle Area Spacing Application,
Cause No. 533
Docket No. 0903-SP-11, Exhibit D-1

BILL BARRETT CORPORATION
Typical Yellow Jacket
Horizontal Wellbore Diagram

- Surface hole (12-1/4") is drilled with an environmentally friendly mud system.

9-5/8" Surface Casing set @ 2,000' MD/TVD

- Cement back to surface, isolate all useable water with casing & cement

■ Cement is utilized to provide stabilization & isolation for casing.

■ Activated "swell packers" provide mechanical and pressure isolation between frac stages

— ■ — "Stim sleeves" are placed between each set of packers and open mechanically while fracturing the well.

8-3/4" Intermediate hole

Permanent packer set in tension in the 4-1/2" X 7" casing annulus
- Provides pressure isolation between the lateral and surface.

7" Intermediate Casing set @ 6,000' MD, +/- 5,800' TVD @ 90 degree inclination
- Casing set into target pay zone, cement back to surface

6-1/8" Production hole drilled laterally

4-1/2" Production casing set @ TD (+/- 9,000' MD & 5,800' TVD)

BRIAN H. WERT

CAREER SUMMARY 32 years of diverse experience in petroleum land management, complimented by substantial experience in the drilling, production and administrative areas of the oil and gas business.

EDUCATION UNIVERSITY OF COLORADO, Boulder, CO.
B.S. in Business Administration with an emphasis in Mineral Lands Management, December, 1976.

EXPERIENCE

April, 2008
to present

BILL BARRETT CORPORATION, Denver, CO
Senior Landman, responsible for all land functions in Big Horn, Paradox and Wind River basins.

April, 1986
to April, 2008

INDEPENDENT PETROLEUM and MINERALS LANDMAN, Denver, CO.
Various clients and partners. Engaged in lease acquisition, title examination and curative, division orders, unitization, joint venture contracts, right-of-way and surface use agreements, drilling and production permitting (including coalbed produced water), environmental assessment, regulatory compliance, gas marketing, exploration program management, and, producing property acquisitions and divestitures. Also engaged in company start-up, limited partnership and general partner company management, drilling and production operations management, and, property appraisal as an expert witness.

August, 1985
to April, 1986

LEWIS & CLARK EXPLORATION COMPANY, Denver, CO.
Land Manager, responsible for all company land functions.

April, 1978
to August, 1985

MITCHELL ENERGY CORPORATION, Denver, CO.
District Landman, supervised and performed all land functions in Northern Rocky Mountain region, including Canada, July, 1981 to August, 1985. Senior Landman, performed all land functions in Rocky Mountain region, April, 1978 to July, 1981.

January, 1977
to April, 1978

GULF OIL CORPORATION, Denver CO, Madisonville KY, Pittsburg, KS.
Land Agent for the Pittsburgh and Midway Coal Mining Co. and Gulf Mineral Resources Co. (both were subsidiaries of Gulf Oil Corporation), leased and purchased coal properties and mining claims, analyzed new project opportunities and performed title searches in mid-continent and Rocky Mountain regions.

AFFILIATIONS

American Association of Professional Landmen
Denver Association of Petroleum Landmen

Peter Grant Moreland

75 Fairway Lane
Columbine Valley, CO 80123
(303) 797-0321

Senior Exploration Geologist / Paradox Team Lead

Professional Experience

Bill Barrett Corporation, 2002 to present

Uinta Basin: Evaluated potential production acquisitions around Natural Buttes, Monument Butte and Antelope Fields.

Piceance Basin: Proposed the acquisition of the Gibson Gulch producing property and associated lands. Evaluated the property and constructed the winning bid to acquire one of Bill Barrett Corporation's top assets.

Paradox Basin: (1) Generated an exploration project in the Salt Anticline area and brought in partners. This project is currently in exploration phase. (2) Generated a Gothic Shale gas shale project named Yellow Jacket. Managed, brought in a partner, and drilled the first horizontal wells in the Gothic Shale; this effort discovered commercial natural gas opening up a new resource play in Southwest Colorado. (3) Generated the Green Jacket Project, a gas shale play in the Hovenweep Shale; in the exploration phase

San Rafael Swell: (1) Generated the Manning Canyon Shale gas shale project which is currently in exploration phase. Drilled vertical science well; the first horizontal well will be drilled in 2009. (2) Managed the initial test of the Juana Lopez Shale gas shale project

Stone Energy, 2000 to 2002

Paradox Basin: Generated exploration play on the northwest side of Aneth Field causing the acquisition of a 42 square mile 3D Survey; four wells have been drilled. Evaluated Stone's producing properties on the Navajo Indian Reservation.

Consulting Geologist, 1992 to 2000

Created and sold exploration and development programs to a client base that included: Basin Exploration, Barrett Resources, Shell Oil Company, Gulf Canada, Dominion Energy, Balcron Oil, Chuska Energy, Coastal Oil & Gas, D.C. Dudley & Associates, Hallwood Energy, Hunt Oil, Kinney Oil, Maxwell Petroleum, PetroCorp, Conley P. Smith, and Star Resources. Generated multiple regional exploration concepts with 3D seismic information in various basins, evaluated producing properties and lease/hold positions, conducted field studies, and assessed exploitation potential on producing properties for these and other clients.

Chuska Energy Company, Staff Geologist, 1991 to 1992.

Generated prospects and recommended seismic acquisition for an ongoing exploration program in the Blanding sub-basin of the Paradox Basin. As part of the team that discovered six million barrels of new

reserves, developed a depositional environment model for the Desert Creek around the Aneth Field from core data and 1,200 miles of seismic data. Compiled a sales package with the Reservoir Engineer involving core data, reservoir parameters, risk analysis, seismic attributes, and economics based on local analogs.

Hogden Oil Company, Managing Geologist, 1980 to 1987.

Managing Geologist responsible for generating exploration concepts, geologic studies, and drilling prospects throughout Oklahoma, Kansas, Nebraska, and Colorado. Geologically evaluated acreage positions, constructed and sold prospects, made recommendations for purchasing of acreage, and performed field geology as part of large regional exploration project ranging from close in, semi-development drilling to rank wild-cat drilling in the Central North American Rift System. Part of team that generated a 20 well, development drilling program resulting in a 45% success ratio.

Xpert Logging / GS Consultants, Mudlogger and Wellsite Geologist, 1978 to 1980.

Began career as Wellsite Geologist in the Williston Basin for Amoco, Apache, Energetics, and Shell.

Education / Professional Affiliations

Awarded a Bachelor of Arts in Geology from Castleton State College, Castleton, Vermont. Certifications and affiliations include:

American Association of Petroleum Geologists (Certified Petroleum Geologist #4563)
Rocky Mountain Association of Geologists
Certified Professional Geologist, State of Utah #5550892-2250
Kansas Geological Society

Kevin M. Dickey
Bill Barrett Corp.
Denver, CO

SUMMARY

Petroleum engineer with engineering, operations, and management experience. Work history includes over twenty years of progressive petroleum production, completion, reservoir, and evaluation experience with both large and small independent oil and gas companies.

EXPERIENCE

Bill Barrett Corp. Denver, Colorado 2008-Present
Exploration Engineering Advisor
Provide engineering support to the various exploration teams.

Belle Fourche Engineering Sedalia, Colorado 2003-2008
Perform engineering, geological, and evaluation consulting – primarily to Klabzuba Oil & Gas
Klabzuba Oil & Gas, Inc. – Exploration Engineer & Acquisition Manager 2005-2008
Klabzuba Oil & Gas, Inc. – Engineering Manager 2003-2005

Black Hills Exploration & Production Rapid City, SD 1996-2002
Engineering Manager responsible for over 700 wells located in WY, CO, MT, ND, CA, TX, OK, LA, and the Gulf of Mexico.

UMC Petroleum (General Atlantic Resources) Gillette, WY 1994-1996
Rocky Mountain Area Production Superintendent

Belle Fourche Engineering Upton, WY 1992-1994
Petroleum Engineering Consultant

Union Pacific Resources Company Fort Worth, TX (Denver, CO) 1987-1992
Austin Chalk, South Texas 1991-1992
Engineer responsible for coordinating \$40 million, two county, horizontal drilling program.

U.S. Gulf of Mexico, Texas and Louisiana 1989-1991
Engineer responsible for seven operated platforms with 150 mmcf/d deliverability.

Las Animas Arch, Southeastern Colorado 1988-1989
Engineer responsible for production, workovers, and completions.

DJ Basin, Eastern Colorado 1987-1988
Engineer responsible for daily production operations.

EDUCATION

Colorado School of Mines Golden, Colorado 1983-1987
Bachelor of Science – Petroleum Engineering
E-Day Outstanding Petroleum Engineer
Graduated with honors

Work Experience:

Operations Engineer:

Bill Barrett Corporation: Denver, CO

December 2006 – Present

- Supervised Bill Barrett Corporation's Exploration drilling program: 7-2008 - Present
 - o Responsible for 4 drilling rigs working in 4 separate basins
 - Horizontal shale wells, 20,000'+ high temperature, high pressure wells, coring operations, responsible for supervising Bill Barrett Corporation's most technical drilling programs.
- Supervised drilling, completion, and production operations for BBC's West Tavaputs field. Supervision of 3 – 5 drilling rigs, 1 work-over rig, 1 frac crew, and production of 100+ MMCFD, 12-2006 – 7-2008
 - o Responsible for the reduction of drilling days on 7,500' Price River wells by 20%.
 - o Reduced average drilling days of 15,000' Navajo exploration wells by 50%.
 - o Increased the efficiency of completion operations to bring wells to sales 67% faster than in previous years.
 - Negotiated contracts for the supply of CO₂ for the energized fracs being pumped.
 - Decreased number of days to install surface facilities.
 - o Coordinated the increase and maintenance of production from 75 MMCFD to 100+ MMCFD

Drilling Engineer

Questar Exploration & Production: Denver, CO

August – December, 2006

- Performed engineering and technical background for three to five drilling rigs on the Pinedale anticline and in the Uinta Basin.
 - o Recommended the use of PDC bits for drilling 13,000' Flat Rock wells, leading to the reduction of drill times by 30%.
 - o Appointed to plan future location layouts in Questar's Pinedale field.
 - Planning for 25+ wells per pad utilizing below-ground cellars to contain/protect producing wells
 - Accounted for the complex anti-collision concerns of having multiple existing wells on a pad while accommodating future 5 acre spaced bottom hole locations.
 - o Supervised horizontal drilling operations within the Red Wash field in the Uinta Basin.

Drilling Engineer/Superintendent

Bill Barrett Corporation: Denver, CO

December, 2003 to August, 2006

- Performed engineering and technical background for six to ten active drilling rigs in the Piceance, Uinta, Williston, and Wind River basins.
 - o Aided in the reduction of drilling days on 7,500' Price River wells in the Uinta basin by 48%.
 - o Supervised the drilling of 19,000'+ high temperature, high pressure wells within the Wind River Basin.
 - Set field record in Cave Gulch for drilling to 19,364' in 86.3 days.

- Reduced the drilling times on 7,000' Piceance wells by 9%.
 - Supervised the planning and drilling of complex, multi-lateral horizontal wells in the Ratcliffe and Rival formations within the Williston Basin.
- Onsite drilling supervision of projects in the Wind River Basin and in Kansas.
- Performed technical analyses and design recommendations on numerous exploration plays.

Drilling Engineering Intern

Bill Barrett Corporation: Denver, CO

May – August, 2003

- Performed drilling performance analysis of Bill Barrett Corporations major fields, making recommendations to enhance drilling efficiencies.
 - Aided in the reduction of drilling days of Lance wells within the Cooper Reservoir and Cave Gulch fields in the Wind River Basin by 44% and 28% respectively.
- Designed location layouts within the Cooper Reservoir field to accommodate the drilling of 10 acre bottom hole locations.

Drilling Engineering Intern

Williams Production, RMT: Denver, CO

May – August, 2002

- Performed drilling performance analysis of Williams' Piceance field.
 - Recommended the use of PDC bits for drilling within William's Rulison, Parachute, and Grand Valley fields. The result of which eventually led to dramatic reductions in drill times.

Drilling / Completions Engineering Intern

Halliburton Energy Services: Denver, CO

May – August, 2001

- Performed analysis of Fracturing techniques and designs within the Jonah Field.

Drilling / Reservoir Engineering Intern

Barrett Resources (now Williams Production): Denver, CO

May – August, 2001

- Performed casing designs for 19,000'+ wells in the Wind River basin.

Academics:

Colorado School of Mines

- Bachelor of Science Degree in Petroleum Engineering, December, 2003
 - 3.8 / 4.0 Overall GPA and 4.0 / 4.0 Major GPA.
 - Recognized on the Dean's List for 7 semesters.
 - Outstanding Graduating Senior in Petroleum Engineering.

Organizations:

- Vice President for the AADE, Denver Chapter, 2008 – Present
- Scholarship Chairman for the AADE, 2006 – Present
 - Responsible for the selection of students to receive \$30,000 - \$40,000 in scholarship funds from the AADE
- Vice President of Pi Epsilon Tau, CSM Chapter, 2002 – 2003.
- Vice President AADE, CSM Chapter, 2002 – 2003
- ATCE Chair for SPE, CSM Chapter, 2001 – 2002
- National Honor Society, Meeker High School, 1998 – 1999
- Save Our Students, tutoring students without male role models, 1997 – 1999.

References:

Available upon request.

Scot A. Donato Bio:

Scot Donato is the Manager of Environmental, Health & Safety for Bill Barrett Corporation, a publicly held, independent oil & gas company. At BBC he is responsible for all corporate environmental and safety programs in a multi-state area. He was a member of the Industry Environmental Advisory Team and Environmental Rulemaking Committee at the request of the Colorado Oil & Gas Conservation Commission from 1996-2000.

ACADEMIC BACKGROUND

Masters Degree - Environmental Policy & Management, University of Denver, Denver, CO, 1997
Bachelor of Arts - Geology, Western State College, Gunnison, CO, 1981

REGISTRATIONS / CERTIFICATIONS

Wyoming Registered Professional Geologist (P.G. No. 1291)
Utah Licensed Professional Geologist (P.G. No. 5543561-2250)
Texas Licensed Professional Geologist (P.G. No. 3211)
American Institute of Professional Geologists (C.P.G No. 8353)
Nevada Certified Environmental Manager (E.M. No. 1673)
Certified 40-Hour OSHA Hazardous Waste Worker/Supervisor
Colo. Dept. of Transportation – Certified Stormwater Management Supervisor

EXPERTISE

Professional experience includes over 25 years in the environmental and oil & gas industries with direct experience on a variety of oil and gas environmental challenges. A member of the Industry Environmental Advisory Team and Environmental Rulemaking Committee; Colorado Oil & Gas Conservation Commission, 1996-2000. Industry experience emphasizes numerous and varied environmental regulatory projects with State and Federal agencies related to oil & gas industry issues, spill response and remediation, produced water discharge permit preparation, wetland delineation and permitting, National Environmental Policy Act (NEPA) analysis & support, and management of large, multi-disciplinary, RCRA and Solid Waste remediation projects. Expertise also includes litigation support regarding landowner damage claims; air emissions permit preparation & management; endangered species investigations, and implementation & management of OSHA safety standards and training. Other areas of expertise include SPCC and spill response training, stormwater inspection, training and implementation, subsurface geologic and hydrogeologic contaminant characterization investigations and remedial action programs.

PUBLICATIONS / PRESENTATIONS

Author/Presenter, "Adapting to High Density Population in High Density Oil & Gas Drilling Areas, AAPG Conference

Author/Presenter, "Environmental Compliance Handbooks for Colorado, New Mexico, Montana, North Dakota, South Dakota, and Wyoming", U.S. Department of Energy (DOE) and Independent Petroleum Association of Mountain States (IPAMS),

Speaker, "SPCC Plan Requirements", IPAMS-Society of Petroleum Engineers (SPE) Environmental Series,

Instructor, "Oil & Gas Exploration & Production Waste-Hazardous and Solid Waste", University of Denver,

Instructor, "Site Assessment and Soil/Ground-Water Remediation", Colorado School of Mines, Author, "Site Assessment of Oil & Gas Facilities-Spill Assessment", IPAMS Environmental Green Paper,

Speaker, "RCRA Compliance - Underground Storage Tanks: Technical Compliance", The RCRA Compliance Institute,

Instructor, "Underground Storage Tanks - Technical Requirements and Compliance", University of Denver, Environmental Law I,

Speaker, "Low-Tech Bioremediation of Petroleum-Affected Soils", IPAMS - Environmental Series,

PROFESSIONAL AFFILIATIONS

Co-Chairperson, Environmental Committee; Colorado Oil & Gas Association (COGA), 1995-2009

Industry Environmental Advisory Team and Environmental Rulemaking Committee; Colorado Oil & Gas Conservation Commission, 1996-2000 and Colorado Dept. of Public Health and Environment, 1999-2000

Kurt M. Reinecke

13195 W. Auburn Pl, Lakewood CO 80228
303-312-8113 (w); 303-884-2483 (c); 303-989-7190 (h)



Employment

Bill Barrett Corporation (January, 2002 to Present)
Senior Vice President of Exploration – Southern Division

Williams Companies (August, 2001 to December, 2001)
Senior Exploration Geologist – Southern Rockies

Barrett Resources Corporation (January, 1989 to August, 2001)
Senior Exploration Geologist – Southern Rockies & Oklahoma

Barrett Energy Company (June, 1985 to December, 1988)
Operations Geologist

Education

Kansas State University
MS Geology, 1984

Texas Christian University
BS Geology, 1981

Professional Geologist Registration

State of Utah 5193574-2250
State of Wyoming 3375

Expert Witness Testimony

Colorado – drainage and spacing issues regarding the Wasatch Formation and Mesaverde tight gas sandstones in the Piceance Basin.

Oklahoma – drainage and spacing issues of Morrow/Springer sandstones, and structurally complex reservoirs of the Mountain Front area, Anadarko Basin.

Publications

Reinecke, K.M., Rice, D.D., and Johnson, R.C., 1991, Characteristics and development of fluvial sandstone and coalbed reservoirs of Upper Cretaceous Mesaverde Group, Grand Valley field, Colorado, *in* Schwochow, S.D., Murray, D.K., and Fahy, M.F., eds., Coalbed methane of Western North America: Rocky Mountain Association of Geologist Guidebook, p. 209-225.

Oil and Gas Investor Magazine, named Denver-based Bill Barrett Corporation's #6-7 Peters Point deep test well in northeast Utah's West Tavaputs Plateau the magazine's Discovery of the Year for 2005. March, 2006 issue, p. 92-94.

BBC's Public Participation Within Dolores and Montezuma Counties, CO

- April 2006 – Met with Dolores and Montezuma County Commissioners to explain upcoming drilling plans.
- Have attended 12 Montezuma County Planning Commission (PC) meetings and public hearings. BBC has participated with the county and the general public at each of the below listed hearings.
 - o August 2006 – Koskie # 1 PC Meeting
 - o September 2006 – Koskie # 1 BOCC Hearing
 - o July 2007 – Koskie 3H-27-38-16, 15H-27-38-16, 7-27-38-16 PC Meeting
 - o October 2007 – Koskie 3H-27-38-16, 15H-27-38-16, 7-27-38-16 BOCC Hearing
 - o April 2008 – Gray 13-15-37-17 PC Meeting
 - o May 2008 – Gray 13-15-37-17 BOCC Hearing
 - o June 2008 – Gray 13-15H-37-17 BOCC Hearing
 - o September 2008 – Oliver 13H-21-38-16 & 15H-21-38-16 PC Meeting
 - o October 2008 – Oliver 13H-21-38-16 & 15H-21-38-16 BOCC Hearing
 - o December 2008 – Koskie 13H-27-38-16, 16H-27-38-16, Rose 14H-29-38-16 PC Mtg and BOCC Hearing
 - o December 2008 – McAfee 16H-12-38-17 & 3H-19-38-17 PC Meeting
- Have attended 8 Dolores County Planning meetings and public hearings. BBC has participated with the county and the general public at each of the below listed hearings.
 - o July 2007 - Johnson Alkali Canyon # 1 PC Meeting and Hearing
 - o March 2008 – Neely 13H-7-39-17 & 13H-18-39-18, Johnson 16H-12-39-18 & 13H-12-39-18, Fosnot 13H-6-39-17 PC Meeting
 - o April 2008 – Neely 13H-7-39-17 & 13H-18-39-18, Johnson 16H-12-39-18 & 13H-12-39-18, Fosnot 13H-6-39-17 Hearing
 - o September 2008 - Johnson 1H-12-39-18 PC Meeting
 - o October 2008 - Johnson 1H-12-39-18 PC Meeting (2 meetings)
 - o November 2008 – Johnson 1H-12-39-18 Hearing
 - o December 2008 – 4 Well Connects PC Meeting
- April 2007 – Met with Dolores County Development Corporation to explain our upcoming drilling plans.
- November 2007 – Presented anticipated near term activity before Montezuma County Chamber of Commerce.
- We have given site tours to local Officials.
- We have participated in two county meetings related to the Resource Mgt Plans (RMPs).
- We have conducted six media interviews
- BBC has met with Jon Holst of the Colorado Division of Wildlife regarding the establishment of a comprehensive plan for wildlife mitigation and are attempting to schedule another meeting. We will discuss comprehensive wildlife mitigation proposals as they pertain to our project area.

- BBC was co-sponsor (with Williams Production) for a public outreach meeting in January 2008 in which our activity in the area was explained to the general public. Over 300 people from the public attended the meeting.
- A second open house, targeting Dolores County, is slated for March 18 with 200 people expected.
- BBC will have a booth and daily educational forum for public for 4 days, March 19-22 for Four States Ag Expos (15,000 attendees expected).
- BBC made a Shale Gas 101 presentation to Club 20.

General meetings:

- o BBC has participated with the Joint Oil and Gas Informational Group in Montezuma County. The purpose or concept is for Federal Land Agencies, COGCC and Montezuma County to have public work shops regarding existing and new O&G development in the county and adjacent areas.
 - o BBC has spoken at the Montezuma County Chamber of Commerce members luncheon.
 - o BBC has met with the Montezuma County Economic Development Board
 - o BBC will hold a community open house in Dolores County in January 2009.
 - o BBC has met with Planning and Zoning Departments within the counties at least 6 times.
 - o BBC has met with individual county Commissioners for both Dolores and Montezuma Counties at least 6 times.
 - o Met with Dolores Conservancy District regarding future water use for our operations.
 - o BBC Operations and Land personnel have had numerous informal conversations with local residents and landowners regarding our operations in which the residents are always encouraged to contact our personnel regarding ongoing operations. We have worked closely with residents near drilling locations to mitigate impacts particular to the circumstances for each location.
- Monetary Contributions:
 - o Have donated \$30,000 in last 5 months to various local causes including; Dolores County Schools, United Way, and Health and Human Services.
 - o Have spent \$264,000 in Road improvements within Montezuma County over the course of drilling 3 wells.
 - o Agreed to donating \$10,000 to Dolores County Road and bridge Department for road improvements per well drilled within the County for the first 5 wells drilled.