

**RECORD OF PROCEEDINGS**

**100 Leaves**

February 12, 2007

The Oil and Gas Conservation Commission met on February 12, at 9:00 a.m. in Suite 801, The Chancery Building, 1120 Lincoln Street, Denver Colorado, for a hearing in Cause Nos. 112, 191 (2 matters), 139 (3 matters), 440 (2 matters), 510 and 513.

Those present were:

Peter Mueller	Chair
Brian Cree	Vice Chair
John Ashby	Commissioner
Thane De Puey	Commissioner
Kimberlee Gerhardt	Commissioner
Samuel Potter	Commissioner (telephonically)
Tom Reagan	Commissioner
Carol Harmon	Assistant Attorney General
Brian Macke	Director
Patricia Beaver	Hearings Manager

A motion was made by Commissioner Potter, seconded by Vice Chair Cree, to approve the January minutes. The minutes were unanimously approved.

Executive Director's Report: Harris Sherman new Executive Director of the Department of Natural Resources (DNR) introduced himself to the Commissioners. Assistant Director Mike King was also in attendance. Director Sherman is trying to meet all of the Commissions and Boards associated with DNR and would like to learn more about what the Commissioners are thinking and what is in need of change. He suggested a meeting within the next week or two to allow the Commissioners to communicate with him about areas needing more help at the staff level, enforcement matters, and coordination of the Commission with other commissions and agencies.

Director's Report: Director Macke provided a written report, along with a report provided to the Minerals, Energy and Geology Advisory Board. He highlighted a directional drilling chart to show that 47% of wells permitted in Colorado in 2006 were directional wells, and a graph showing state and local revenue from oil and gas production. Director Macke discussed the COGCC appropriations and organizational chart that shows the new full time employees.

Director Macke stated that the number of APDs received in January 2007 was higher than in December 2006, with the turn around time for processing APDs approximately 30 days. He also mentioned Exxon and BP's plan to expand activity in the state in 2007. It is projected that 6,350 APDs will be processed in 2007. Twelve percent of the APDs issued in 2006 were approved under a surface bond even though by the time the wells are drilled a Surface Use Agreement was likely negotiated in most cases.

Northwest Colorado: A newspaper article highlighting that an emergency response in Garfield County was funded by the oil and gas industry was mentioned.

The next Northwest Colorado Oil and Gas Forum is scheduled for March 15, 2007, from 10:00 a.m. until 2:00 p.m. at the Garfield County Fairgrounds. A tentative topic for the March meeting is a discussion on air quality and emission reductions from oil and gas operations.

The Phase IV Piceance Basin Baseline Water Quality Study final sampling resulted in 70 water wells being sampled. The complete results will be posted on the COGCC website when available.

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Commissioner Gerhardt stated that a presentation should be made to the Commission on the results of this study.

The proposals for the Phase II Hydrogeological Characterization Projects have been submitted by several very qualified contractors to Garfield County (GARCO) and the project is close to commencing.

Southwest Colorado: Operators have stepped up to assist local folks by maintaining well access roads in La Plata County.

LT Environmental Inc. (LTE) submitted a proposal for pilot projects to characterize the impacted aquifers and to test the applicability of several techniques for remediating the residual gas in the gravel terrace deposits and in the ground water aquifers of the Nacimiento Formation related to the Bryce 1-X Well. This work will include pumping and recovery, insitu air sparing, in-well aeration, and active and passive vapor extraction testing. COGCC staff and DNR Purchasing are working on a new contract with LTE which must be in place before the work can begin. In January 2007, water samples were collected from the surrounding water wells. Methane concentrations remain very high in all of the wells.

The next GORT meeting is scheduled for March 8, 2007, at 8:30 a.m. at the La Plata County Fairgrounds.

The Gas Seep Mitigation Commission is in discussion as to where funding would come from, which department will be running a bill to get appropriations to use severance tax money at the department level. La Plata and Archuleta Counties projects are likely to be funded by severance tax.

The Fruitland Coal Outcrop Monitoring report showed detailed mapping of the methane seeps along the outcrop of the Fruitland Formation in La Plata County, which was performed between May 23, 2006 and June 10, 2006. This was the fifth detailed mapping event. Two additional areas, Vosburg Pike and the upland area north of Basin Creek, were added. LTE also used a grid mapping system, such as that used at the Bryce 1-X location, at the South Fork of Texas Creek (SFTC) area to evaluate its usefulness in outcrop seep mapping. The Commission would like a presentation on these study results when possible.

Northeast Colorado: As part of a FY 2006 budgetary request, the COGCC received funding to conduct a gas and water quality investigation in the Greater Wattenberg Area (GWA) of the D-J Basin. Work on this project continues. All seventy-eight (78) gas wells and seven (7) of the eleven (11) Laramie/Fox Hills water wells have been sampled. The four (4) remaining water wells will be sampled once access approval from the landowner is received.

The Ogallala Aquifer Baseline Study will consist of collecting water samples from approximately seventy-seven (77) water wells in Washington and Yuma Counties for organic and inorganic chemical analyses. The Request for Proposal ("RFP") was posted on the Colorado Department of Personnel and Administration, Division of Finance and Procurement State Purchasing Office's online BIDS system on January 10, 2007. Funding for this project will come from the Fund 170 appropriation for Special Environmental Projects.

The COGCC staff met with Colorado Interstate Gas ("CIG") regarding the Fort Morgan Gas Storage Field on the progress being made since the October 22, 2006 gas flow was discovered. A draft Environmental and Engineering Assessment Workplan was submitted to the COGCC on November 17, 2006. An addendum to the sampling plan was submitted to the COGCC on December 15, 2006. COGCC comments and questions regarding the workplan were forwarded to CIG and the addendum to the sampling plan was conditionally approved on December 11, 2006. A Notice of Alleged

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Violation (NOAV) was issued to CIG on December 18, 2006. Corrective action included the submittal of a draft Operation Plan for the operation and regulatory oversight of the Field. The requirements of the NOAV were due on February 5, 2007.

A meeting to discuss the results of the Phase I investigation results and current status of the Phase II investigation was held at the COGCC offices on February 16, 2007, at 1:30 p.m. Phase I of the investigation has involved indoor air monitoring of homes, sampling of 72 water wells, and bradenhead monitoring and maintenance of the gas wells. Phase II includes land surface monitoring and stability assessment, shallow subsurface evaluation, down-hole logging of gas wells, and long-term ground water monitoring.

Brian Macke provided a presentation on COGCC regulation at an evening meeting of the Erie Town Council on January 23, 2007. Supervising Engineer David Andrews and Field Inspector Jim Precup were also present at the meeting to assist in providing information and answering questions. The town of Erie has been concerned with recent oil and gas development in proximity to residential subdivision development. EnCana Oil & Gas, who is the operator of some of the newly drilled oil and gas wells in the Erie area, also provided a presentation at the meeting and had several staff available to answer numerous questions.

Southeast Colorado: The contract for the Phase II Raton Basin Seep Mapping Project has been finalized and the project is scheduled to begin April, 2007.

Peter Gintautas and Margaret Ash met with operators in the Raton Basin to introduce Peter and to discuss recent weather related events, communication, and spill reporting. Margaret Ash and Peter Gintautas also met with Raton Basin operators on January 24, 2007, to discuss the Water Quality Control Commission's (WQCC) revised temperature standards and the status of the Colorado Water Quality Forum - Agricultural Diversion work group, which is discussed in more detail below.

Several Raton Basin operators have indicated an interest in participating in the Colorado Department of Wildlife DVD that illustrates good examples of oil and gas practices that are being used to minimize and mitigate impacts to wildlife. Margaret Ash facilitated contact between the operators and DOW staff.

A meeting was held on January 11, 2007, at the Baca National Wildlife Refuge (BNWR) Headquarters to discuss potential conditions of approval (COAs) for Lexam's Application for Permit-to-Drill (APD) for two (2) wells in the BNWR. Representatives from Saguache County and the BNWF along with Dave Shelton, Dave Dillon and Peter Gintautas from the COGCC attended. The proposed well sites and previously drilled sites were visited by members of the groups. COGCC engineering and environmental staff have developed the conditions of approval for the APDs.

Staff Organization: The COGCC is pleased to announce the addition of Dirk Sutphin to the staff as an Engineer in Training II. Dirk is a graduate of the Colorado School of Mines with a degree in Geologic Engineering. He has over 14 years experience in the oil and gas industry and environmental consulting. The COGCC congratulates Mark Weems, the Southwest Colorado Field Inspector, on passing the Professional Engineer's exam.

The COGCC's annual budget request was submitted to the Joint Budget Committee on November 1, 2006. Included in the request are the following six decision items and funding requirements, as approved by the Governor's Office, listed in priority order:

A contractor to assist with oil shale permitting \$60,000

Four additional FTE (2 permit technicians, 1 Engineer, and 1 Accountant) and continuation of funding for four contractors to assist with permitting. Additional lease space for the Denver office is also included in this decision Item. \$571,472

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An application programmer position (1 FTE) \$78,235  
Data Cleanup Project \$119,356  
Rifle lease space and vehicle for relocated supervising engineer \$37,020  
Computer system maintenance – additional funding for information technology \$91,338

Budget Amendment:

Hearings Officer (1 FTE) \$76,364

The COGCC's supplemental request for additional lease space at The Chancery was approved by the Joint Budget Committee on January 18, 2007. (\$7,412)

On January 17, 2007, Brian Macke and Randall Ferguson met with the CDPHE WQCC and WQCD staff as part of routine communications between the two agencies. Agenda items included the recent WQCC rulemaking hearing regarding temperature standards for surface water; an update on the Agricultural Diversions and Water Quality work group; an update on policy development for stormwater permitting of oil and gas construction activities, and other technical issues. The next meeting is scheduled for March 21, 2007.

On January 9, 2007, the Water Quality Control Commission (WQCC) held a public rulemaking hearing to consider a proposal by the Water Quality Control Division (WQCD) to revise water temperature criteria and standards, including proposed revisions to sections 31.5, 31.9, 31.11, 31.14 and 31.16, in the Basic Standards and Methodologies for Surface Water, Regulation #31 (5 CCR 1002-31), and to consider corresponding revisions to the Classifications and Numeric Standards for the Arkansas River Basin, Upper Colorado River Basin and North Platte River, San Juan and Dolores River Basins, Gunnison and Lower Dolores River Basins, Rio Grand Basin, Lower Colorado Basin, and the South Platte, Laramie, Republican and Smoky Hill River Basins, Regulations #32-38 (5 CCR 1002-32 to 38). The WQCC unanimously approved interim temperature standards that become effective July 1, 2007. The WQCC will consider revisions to the corresponding Classifications and Numeric Standards for individual river basins at later hearings.

S.S. Papadopoulos & Associates, Inc. (Papadopoulos) has been awarded the contract for conducting the "Coalbed Methane Stream Depletion Assessment Study of the Raton and Piceance Basins." The purpose of this study is to develop a quantitative assessment of the levels of stream depletion (or reduction in formation outflows) that may be occurring as a result of the removal of water by CBM wells. This work will be similar to the study done last year in the San Juan Basin and extends the assessment to other CBM producing basins of Colorado.

An investigation of oil and gas wells abandoned under the supervision of the COGCC Environmental Response Fund (ERF) program is being planned. The COGCC staff has compiled a list of 230 wells that will be investigated for an anticipated cost of approximately \$130,000. The investigation is intended to screen for potentially hazardous environmental conditions in the vicinity of these wells.

The COGCC Policy Addressing Bird Deaths in Oil and Gas Heater/Treaters and Other Fired Equipment was prepared by the COGCC staff and the draft policy was presented to the Commission for consideration at today's hearing which addresses the need for oil and gas operators to equip fired-vessels with screens to prevent birds from entering into or landing on this type of equipment.

Margaret Ash and Peter Gintautas are participating in the Colorado Water Quality Forum - Agricultural Diversion work group. This work group was formed to address issues and complaints related to current Water Quality Control Commission (WQCC) standards and the Water Quality Control Division (WQCD) discharge permitting process, and to ensure that all downstream uses of water, including irrigation are protected. The work group includes representatives from the WQCC,

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WQCD, agriculture, and surface water discharge permit holders, including several Raton Basin operators.

Public Outreach: Brian Macke has been invited to provide a keynote speech on behalf of the Colorado Oil and Gas Conservation Commission during a weed management symposium in Durango on February 22, 2007.

The COGCC will provide an informational exhibit display booth at the Energy Forum and Expo Colorado that will be held on Friday, February 23 at the Two Rivers Convention Center in Grand Junction, Colorado. This event, which is attended by oil and gas operators, government representatives, and citizens, is a good opportunity to provide education and outreach to hundreds of people from the Western Slope region.

Brian Macke has been invited to provide a presentation on COGCC regulation at the Colorado-Wyoming Chapter of the American Fisheries Society 2007 Annual Meeting in Fort Collins on February 27, 2007.

Brian Macke has been invited to provide an update on oil and gas activity in northwest Colorado and COGCC regulation during a meeting of the Colorado Cattlemen's Association in Walden on March 6, 2007.

Brian Macke has been invited to participate in a panel discussion on oil and gas regulation in the Rocky Mountain area during Platts' "Rockies Gas & Oil" conference on April 26-27, 2007, in Denver, Colorado.

Brian Macke has been invited to participate on a panel discussion about issues related to growth of the oil and gas industry in Colorado at a conference that is being planned by the Air Waste Management Association in Golden on May 17, 2007.

The onsite inspection policy update shows that this policy has been extremely helpful with surface owners with only sixteen (16) onsite inspections having to be conducted out of a total of seventy-two (72) requests submitted.

A preliminary docket for the March 2007 hearing has been provided with seven (7) new items being docketed. Hearing dockets are available on our website by clicking on "Hearings". Links to the hearing applications and notices are available from the Docket Number, respectively.

An out-of-town hearing for June was discussed.

Two variances under Rule 502.b. were granted to Noble Energy Inc. on January 22, 2007. The variances are for the approval of drilling and spacing unit changes for Order Nos. 139-53 and 139-59 in Section 5 and Order Nos. 139-45 and 139-51 in Section 6, both in Township 8 South, Range 95 West, in Garfield County. Due to the irregularity of both of these sections, it is not possible to have the 40-acre drilling and spacing units required by the orders. The variances establish smaller (approximately 20 acre) units in these two sections. The variances also specify no surface density greater than one well location per 40 acres.

A presentation on Electronic Forms Submission was presented by Marc Fine, COGCC Information Technology Manager highlighting the electronic forms submission program, format and the timeline with completion expected in October 2007.

Assistant Attorney General's Report: Assistant Attorney General Harmon provided a confidential Litigation Memorandum and reported that a petition was filed for certiorari with the Colorado Supreme

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Court. AAG Harmon described the Memorandum of Understanding prepared for the Public Projects in lieu of fines.

Commissioner Comments: Commissioner De Puey wanted to make sure that the Commission was aware of Genesis Oil & Gas drilling that is planned on the Grand Mesa in the Palisade and Grand Junction watershed. Commissioner Potter discussed changing the hearing days from Monday/Tuesday to Tuesday/Wednesday.

Consent Agenda: In response to Chair Mueller's question regarding whether any Commissioners have a conflict of interest with any of the matters on the Consent Agenda, Commissioner Potter mentioned that he has an ongoing relationship with Williams and his son is employed by Williams. In addition, Commissioner Potter has a non-financial relationship with Orion's current application, but he does not believe that either of these present a conflict. Commissioner Ashby had reviewed the 511.b. Rule submittals to make sure that references to previous data are specific as to the Order Numbers.

A motion was made by Commissioner Ashby to approve the consent agenda, seconded by Commissioner Reagan and approved unanimously for the adjudicatory items as follows:

Cause Nos. 191 & 510, Docket No. 0701-AW-01, request for an order to allow the equivalent of one (1) well per 10 acres, with the permitted well to be located no closer than 100 feet from the lease line for the Williams Fork and the Iles Formations, for certain lands in the N½ of Section 8, Township 6 South, Range 92 West, 6<sup>th</sup> P.M., for the production of gas and associated hydrocarbons from the Williams Fork and Iles Formations.

Cause No. 139, Docket No. 0701-SP-05, request for an order to vacate the W½ 320-acre drilling and spacing unit in Section 18, Township 6 South, Range 93 West, 6<sup>th</sup> P.M., and establish two (2) 160-acre drilling and spacing unit consisting of the NW¼ and SW¼ of Section 18, Township 6 South, Range 93 West, 6<sup>th</sup> P.M., for the production of gas and associated hydrocarbons from the Williams Fork Formation, with the permitted well to be located no closer than 600 feet from the unit boundary.

Cause Nos. 139 & 440, Docket No. 0702-SP-06, request for an order to establish 160-acre drilling and spacing units consisting of the NW¼ and SW¼ of Section 11, Township 7 South, Range 95 West, 6<sup>th</sup> P.M., for the production of gas and associated hydrocarbons from the Williams Fork and Iles Formations, and to allow the equivalent of one (1) well per 20 acres, with the permitted well to be located no closer than 200 feet from the unit boundary.

Cause Nos. 139 & 440, Docket No. 0702-SP-08, request for an order to vacate the 320-acre drilling and spacing unit and establish eight (8) 40-acre drilling and spacing units in the W½ of Section 15, Township 7 South, Range 95 West, 6<sup>th</sup> P.M., for the production of gas and associated hydrocarbons from the Williams Fork Formation and allow the equivalent of one (1) well per 20 acres, with the permitted well to be located no closer than 200 feet from the unit boundary.

Cause No. 191, Docket No. 0702-UP-08, request for an order pooling all nonconsenting interests in the 320-acre drilling and spacing unit consisting of the N½ of Section 17, Township 6 South, Range 92 West, 6<sup>th</sup> P.M., for the development and operation of the Williams Fork and Iles Formations.

Cause No. 513, Docket No. 0702-AW-04, request for an order to allow up to sixteen (16) wells to be optionally drilled in the 320-acre drilling and spacing units for certain lands in Sections 8 and 17 and to allow one (1) well per 20 acres for certain lands in Sections 7 through 9, 16 through 18, 21, 27

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and 28, Township 6 South, Range 91 West, 6<sup>th</sup> P.M., with the permitted well to be located no closer than 200 feet from the unit boundaries or from a lease line on unspaced lands, for the production of gas and associated hydrocarbons from the Williams Fork Formation.

Cause No. 112, Docket No. 0702-AW-05, request for an order to allow up to four (4) wells to be optionally drilled in the 320-acre drilling and spacing unit consisting of the N½ of Section 23, Township 33 North, Range 7 West, N.M.P.M., with the permitted well to be located no closer than 660 feet from the unit boundary, for the production of gas and associated hydrocarbons from the Fruitland coal seams.

The following matters have been continued as indicated:

Cause No. 1V, Docket No. 0702-OV-02, request for an Order Finding Violation finding Shelby Resources LLC. in violation of Rule 319.b., failure to abandon a well within six (6) months of ceased production, Rule 326.b.(1), failure to perform a mechanical integrity test on a shut-in well within two (2) years of initial shut-in date for the Andrew Jackson #1 Well located in the SW¼ SW¼ of Section 19, Township 18 South, Range 45 West, 6<sup>th</sup> P.M., and Rule 1004.a., all debris, abandoned gathering line risers, flowline risers, and surface equipment shall be removed within three (3) months of plugging a well, for the CGA #1-30 Well located in the SW¼ NE¼ of Section 30, Township 18 South, Range 45 West, 6<sup>th</sup> P.M., was continued to the March hearing.

Cause No. 399, Docket No. 0701-SP-03, request for an order to allow the equivalent of one (1) well per 20 acres for certain lands in Township 10 South, Range 93 West, 6<sup>th</sup> P.M., with the permitted well to be located no closer than 200 feet from the lease line, for the production of gas and associated hydrocarbons from the Mesaverde Group, was continued to the March hearing.

Cause No. 139, Docket No. 0701-SP-04, request for an order to vacate the S½ 320-acre drilling and spacing unit in Section 25, Township 6 South, Range 94 West, 6<sup>th</sup> P.M., establish two (2) 160-acre drilling and spacing units consisting of the SW¼ and SE¼ of Section 25, Township 6 South, Range 94 West, 6<sup>th</sup> P.M., and allow the equivalent of one (1) well per 10 acres, with the permitted well to be located no closer than 100 feet from the unit boundary, for the production of gas and associated hydrocarbons from the Williams Fork Formation, was continued to the March hearing.

Cause Nos. 1 & 407, Docket No. 0701-UP-01, request for an order to establish a 160-acre drilling and spacing unit consisting of the E½ SW¼ and W½ SE¼ of Section 17, Township 5 North, Range 65 West, 6<sup>th</sup> P.M., for production from the Sussex, Codell, Niobrara, "J" Sand and Dakota Formations, and pool all nonconsenting interests for the development and operation of said formations, was continued to the March hearing.

Cause Nos. 1 & 407, Docket No. 0701-UP-02, request for an order to establish a 160-acre drilling and spacing unit consisting of the S½ NE¼ and N½ SE¼ of Section 17, Township 5 North, Range 65 West, 6<sup>th</sup> P.M., for production from the Sussex, Codell, Niobrara, "J" Sand and Dakota Formations, and to pool all nonconsenting interests for the development and operation of said formations, was continued to the March hearing.

Cause Nos. 1 & 407, Docket No. 0701-UP-03, Wattenberg Field, Weld County request for an order to establish a 160-acre drilling and spacing unit consisting of the S½ SW¼ of Section 16 and the N½ NW¼ of Section 21, Township 5 North, Range 65 West, 6<sup>th</sup> P.M., for production from the Sussex, Codell, Niobrara, "J" Sand and Dakota Formations, and to pool all nonconsenting interests for the development and operation of said formations, was continued to the February hearing.

Cause Nos. 1 & 407, Docket No. 0701-UP-04, request for an order to establish an 80-acre drilling and spacing unit consisting of the N½ NW¼ of Section 21, Township 5 North, Range 65 West,

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6<sup>th</sup> P.M., for production from the Sussex, Codell, Niobrara, “J” Sand and Dakota Formations, and to pool all nonconsenting interests for the development and operation of said formations was, continued to the March hearing.

Cause Nos. 1 & 407, Docket No. 0701-UP-05, request for an order to establish a 160-acre drilling and spacing unit consisting of the SW¼ of Section 17, Township 5 North, Range 65 West, 6<sup>th</sup> P.M., for production from the Sussex, Codell, Niobrara, “J” Sand and Dakota Formations, and to pool all nonconsenting interests for the development and operation of said formations, was continued to the March hearing.

Cause Nos. 1 & 407, Docket No. 0701-UP-06, request for an order to establish an 80-acre drilling and spacing unit consisting of the S½ NE¼ of Section 17, Township 5 North, Range 65 West, 6<sup>th</sup> P.M., for production from the Sussex, Codell, Niobrara, “J” Sand and Dakota Formations, and to pool all nonconsenting interests for the development and operation of said formations, was continued to the March hearing.

A motion was made by Commissioner Reagan to approve the revised Migratory Bird Policy, seconded by Commissioner De Puey and approved unanimously.

The meeting adjourned at 12:35 p.m.

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The Secretary was therefore authorized to issue the following orders:

Order Nos. 191-45 & 510-33, Mamm Creek Field, Garfield County: Approves the request for an order to allow the equivalent of one (1) well per 10 acres, with the permitted well to be located no closer than 100 feet from the lease line for certain lands in the N½ of Section 8, Township 6 South, Range 92 West, 6<sup>th</sup> P.M., for the production of gas and associated hydrocarbons from the Williams Fork and Iles Formations.

Order No. 139-70, Rulison Field, Garfield County: Approves the request for an order to vacate the W½ 320-acre drilling and spacing unit in Section 18, Township 6 South, Range 93 West, 6<sup>th</sup> P.M. and establish two (2) 160-acre drilling and spacing units consisting of the NW¼ and SW¼ of Section 18, Township 6 South, Range 93 West, 6<sup>th</sup> P.M., for the production of gas and associated hydrocarbons from the Williams Fork Formation, with the permitted well to be located no closer than 600 feet from the unit boundary.

Order Nos. 139-71 & 440-41, Parachute & Rulison Fields, Garfield County: Approves the request for an order to establish 160-acre drilling and spacing units consisting of the NW¼ and SW¼ of Section 11, Township 7 South, Range 95 West, 6<sup>th</sup> P.M, for the production of gas and associated hydrocarbons from the Williams Fork and Iles Formations and to allow the equivalent of one (1) well per 20 acres, with the permitted well to be located no closer than 200 feet from the unit boundary.

Order Nos. 139-72 & 440-42, Parachute Field, Garfield County: Approves the request for an order to vacate the 320-acre drilling and spacing unit and establish eight (8) 40-acre drilling and spacing units in the W½ of Section 15, Township 7 South, Range 95 West, 6<sup>th</sup> P.M., for the production of gas and associated hydrocarbons from the Williams Fork Formation, and allow the equivalent of one (1) well per 20 acres, with the permitted well to be located no closer than 200 feet from the unit boundary.

Order No. 191-46, Mamm Creek Field, Garfield County: Approves the request for an order pooling all nonconsenting interests in the 320-acre drilling and spacing unit consisting of the N½ of Section 17, Township 6 South, Range 92 West, 6<sup>th</sup> P.M., for the development and operation of the Williams Fork and Iles Formations.



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Order No. 513-3, Kokopelli Field, Garfield County: Approves the request for an order to allow up to sixteen (16) wells to be optionally drilled in the 320-acre drilling and spacing units for certain lands in Sections 8 and 17 and to allow one (1) well per 20 acres for certain lands in Sections 7 through 9, 16 through 18, 21, 27 and 28, Township 6 South, Range 91 West, 6<sup>th</sup> P.M., with the permitted well to be located no closer than 200 feet from the unit boundaries or from a lease line on unspaced lands, for the production of gas and associated hydrocarbons from the Williams Fork Formation.

Order No. 112-201, Ignacio-Blanco Field, La Plata County: Approves the request for an order to allow up to four (4) wells to be optionally drilled in the 320-acre drilling and spacing unit consisting of the N½ of Section 23, Township 33 North, Range 7 West, N.M.P.M., with the permitted well to be located no closer than 660 feet from the unit boundary, for the production of gas and associated hydrocarbons from the Fruitland coal seams.

Approved:

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Peter M. Mueller, Chair

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Patricia C. Beaver, Secretary