



# Staff Report

October 2, 2007

## I. STATISTICS

- ◆ Our monthly statistics report is attached. As of September 19, 2007, there have been 4,407 Applications for Permits-to-Drill ("APDs") approved. At this pace, it is estimated that approximately 6,140 APDs will be approved in calendar year 2007. This represents a 4% increase over the previous record high of 5,904 APDs approved in 2006, which was more than double the 2,915 APDs approved in 2004.
- ◆ The 2007 drilling permit totals for the top seven counties as of September 19<sup>th</sup> are:

County	2007 (% of Total)	2006	2005	2004
Garfield	1691 (38%)	1844 (31%)	1508	796
Weld	1102 (25%)	1418 (24%)	901	832
Yuma	391 (9%)	798 (14%)	782	237
Las Animas	273 (6%)	500 (8%)	413	332
Mesa	210 (5%)	265 (4%)	136	54
Rio Blanco	195 (4%)	360 (4%)	161	154
La Plata	136 (3%)	235 (4%)	117	102

- ◆ The following table shows a summary of oil and gas well permits requiring new well locations that have been approved by the COGCC in 2005 and through September 19, 2007. The summary shows the number of new location permits that have been granted where the surface owner owns mineral rights, where the surface ownership has been severed from the mineral ownership, where surface use agreements have been executed on severed lands, and where surface damage bonds have been posted on severed lands.

Calendar Year	Permits For New Oil And Gas Wells	Surface Owner Party To A Mineral Lease	Surface Owner Is Not Party To A Mineral Lease	Surface Use Agreements	Total Permitted Under A Surface Use Bond	\$25,000 Blanket Surface Damage Bond	\$2,000 Individual Surface Damage Bond For Non-Irrigated Land	\$5,000 Individual Surface Damage Bond for Irrigated Land
2005	4,323	2,936 (68%)	1,387 (32%)	742 (17%)	645 (15%)	636 (15%)	7 (<1%)	2 (<1%)
2006	5,848	3,933 (67%)	1,915 (33%)	1,223 (21%)	692 (12%)	689 (12%)	3 (<1%)	0 (0%)
2007	4,393	2,649 (60%)	1,744 (40%)	1,053 (24%)	691 (16%)	690 (16%)	1 (<1%)	0

Published in conjunction with COGCC hearings

## II. NORTHWEST COLORADO

### ◆ Northwest Colorado Oil and Gas Forum

The next Northwest Colorado Oil and Gas Forum is scheduled for December 6, 2007, from 10:00 a.m. until 2:00 p.m. at the Garfield County Fairgrounds in Rifle, CO.

The last Northwest Colorado Oil & Gas Forum was held on September 13, 2007, in Rifle, and was attended by nearly 100 people. Agenda items included updates on oil and gas activity by the COGCC, the US Bureau of Land Management, and industry representatives. A presentation of the Mesa County Energy Master Plan was provided. COGCC Commissioner Trésí Houpt was present at the meeting.

The NW CO Oil and Gas Forum is an informal meeting of local, state, and federal government officials, oil and gas industry representatives, and citizens that has been holding regularly scheduled meetings since 1989. The purpose of the Forum is to share information about oil and gas development in the northwest Colorado area and to make government officials and oil and gas industry representatives easily accessible to the public. Currently the meetings are conducted once per quarter and are co-chaired by COGCC Director Brian Macke and Garfield County Commissioner Larry McCown.

All parties wishing to be placed on the meeting agenda should contact Jaime Adkins at 970-285-9000 or via email at: [jaime.adkins@state.co.us](mailto:jaime.adkins@state.co.us).

### ◆ Local Project Status Update

Garfield County has awarded the contract for the Phase II Hydrogeologic Characterization Project to S. S. Papadopulos & Associates. This is another Public Project In Lieu of Fines that will be funded by EnCana. Task 1 - Domestic Water Well Sampling - began in late July 2007. Water samples have been collected from 66 water wells and submitted for laboratory analysis. Representatives of COGCC, Garfield County, and S. S. Papadopulos & Associates met on September 25, 2007 to discuss future activities for this project.

### ◆ Colorado Greater Sage-Grouse Conservation Plan

Chris Canfield, Northwest Area Environmental Protection Specialist, continues to work with the Parachute, Piceance, Roan Creek (PPR) Local Working Group on a review of the Draft Colorado Greater Sage-Grouse Conservation Plan. Separately, Chris is also working with the PPR Local Working Group on the development of a PPR-Specific Greater Sage-Grouse Conservation Plan and associated Best Management Practices (BMPs) to guide landowners, land users, and land managers in an effort to lessen the impact of oil and gas development activities on Greater Sage-Grouse.

## III. SOUTHWEST COLORADO

### ◆ Ongoing Investigation, Reclamation, and Mitigation of Residual Methane in the Vicinity of the Bryce 1-X Well Area, Bondad, Colorado

On behalf of the COGCC, LT Environmental (LTE) conducted a soil gas survey of the Bondad area in late September 2007 to determine whether the presence of methane in the soil is still limited to the area immediately adjacent to the Bryce 1-X Well. Currently, the September 2007 soil gas data are being evaluated and a report is being prepared. In addition, LTE will be installing new, more efficient, methane monitoring devices in the nearby residences and Fire Station. The new units will replace existing units that were installed at the beginning of the project.

### ◆ Gas and Oil Regulatory Team (GORT) Meeting

GORT met on September 20, 2007. Approximately 30 people attended the meeting, including representatives of local and federal government, the Southern Ute Indian Tribe, industry, and other interested parties. COGCC Commissioners Kim Gerhardt and Tom Compton, and Archuleta County Commissioner Robin Schiro attended the meeting. La Plata County staff introduced its version of the proposed draft of the new oil and gas code. La Plata County is soliciting

comments about and will be holding public meetings to discuss the proposed oil and gas code. To get a copy of La Plata County's proposed oil and gas code contact Krista Wilson (Oil and Gas Planner) at [wilsonkm@co.laplata.co.us](mailto:wilsonkm@co.laplata.co.us).

The next GORT meeting is scheduled for December 5, 2007 in the Pine Room at the La Plata County Fairgrounds from 8:30 AM until noon. Topics for this meeting will include an update on the Fruitland Formation Outcrop Mitigation and Monitoring projects in La Plata and Archuleta Counties. All parties wishing to be placed on the meeting agenda should contact either Karen Spray at 970-259-1619 or [karen.spray@state.co.us](mailto:karen.spray@state.co.us), or Debbie Baldwin at 303-894-2100 ext. 111 or [debbie.baldwin@state.co.us](mailto:debbie.baldwin@state.co.us).

◆ Fruitland Formation Outcrop Mitigation and Monitoring Projects

Brian Macke, Debbie Baldwin, Karen Spray, and Steve Lindblom continue to work with La Plata County Energy Council, La Plata County, and USFS/US BLM personnel to develop work plans for the gas seep monitoring and mitigation projects in La Plata and Archuleta Counties. Funding for these projects will come from the increased COGCC mill levy on production.

Preliminary work to identify locations for monitoring wells is being conducted in both La Plata and Archuleta Counties. Mapping of the Fruitland-Pictured Cliffs contact has been conducted at several locations along the outcrop in Archuleta County and several proposed well locations were inspected by COGCC and USFS staff in September. Surface access agreements with federal agencies and private property owners are in the process of being negotiated and memorialized.

COGCC is putting together a Technical Working Group, similar to the Technical Peer Review Team that was formed for the 3M Project, to provide technical review throughout these projects. We have been working with the USFS and BLM and will be joining forces with them to organize one technical working group with a dual purpose of meeting both state project

objectives and federal Northern San Juan Basin-Environmental Impact Statement (NSJB-EIS) record of decision (ROD) objectives. This will be a consortium of technical professionals from state, federal, and local agencies, interested operators, and the Southern Ute Indian Tribe. The objective is to develop a working group that focuses on the technical feasibility and merit of proposed activities and not agency or operator interests.

The Technical Working Group kick-off meeting was held on September 19, 2007. The projects and technical review process were discussed. The next meeting is scheduled on October 30, 2007. COGCC and USFS staffs are preparing a draft mission statement for review by the Technical Working Group. In addition, COGCC staff are preparing Scopes of Work that will be reviewed by the Technical Working Group and then used in the COGCC Request(s) for Proposals (RFPs) to procure the services of third-party contractors.

In accordance with Order No. 112-156, outcrop seep monitoring was performed by LT Environmental, Inc. (LTE) in mid-September 2007. LTE conducted the survey using a new soil gas monitoring unit which should provide greater accuracy and quantification of soil gas flux. A demonstration of this unit was provided to local agencies and industry on September 12, 2007, at the South Fork of Texas Creek monitoring 90site. The unit is mounted on a back-pack and can be easily transported for field use. This particular unit measures the amount of methane, carbon dioxide and hydrogen sulfide gases. The report of the results of the outcrop monitoring is being prepared.

IV. NORTHEAST COLORADO

◆ Ogallala Aquifer Baseline Study

The Ogallala Aquifer Baseline Study consisted of collecting samples from water wells in selected townships in Washington and Yuma Counties for analysis of organic and inorganic parameters. Seventy-five water wells were sampled by URS Corporation. The final report will be made available on the COGCC website

([www.cogcc.state.co.us](http://www.cogcc.state.co.us)) by early November 2007. At the request of the Commission, a presentation of the results of the investigation can be made at a future hearing.

◆ Fort Morgan Gas Storage Field

The Fort Morgan Gas Storage Field (Field) is located approximately 5 miles south of Fort Morgan, Colorado, in Morgan County and is operated by Colorado Interstate Gas (CIG), an El Paso Corporation. On October 22, 2006, COGCC staff were notified of a casing leak on Well #26 that had necessitated the evacuation of nearby residents. The gas flow from the well was safely shut off on October 22, 2006, and there were no personal injuries. CIG estimates that between 650 and 700 MMcf were lost based on inventory analysis, flow calculations, and chart measurement. Two nearby residences remain evacuated; residence H100 located approximately 1,000 feet east of the compressor facility, and residence H101 located approximately 1,400 feet southeast of the facility.

CIG has collected samples from over 50 domestic water wells within a 3-mile radius of Well #26. Residence H100 is the only domestic water well where dissolved methane was detected at concentrations greater than 2 milligrams per liter (mg/l), which is a theoretical threshold concentration at which there exists a potential for methane to accumulate to potentially explosive levels in unventilated areas. Trace concentrations of BTEX compounds have been detected in 5 domestic water wells.

A total of 85 cone penetrometer test (CPT) borings were advanced across the field area. Seventy-eight (78) of these were completed in the shallow aquifer zone and 7 were completed in the deep aquifer zone. Dissolved methane was detected in 15 CPT piezometers at concentrations greater than 2 mg/l during the pre-irrigation sampling event in March 2007 and in 9 CPT piezometers during the post-irrigation sampling event in June 2007. Benzene was detected in CPT #41D at a concentration of 6.0 µg/l during the June 2007 sampling event. The Colorado Basic Standards for Ground Water for

benzene is 5.0 µg/l. As a result, COGCC staff issued a Notice of Alleged Violation to CIG on August 31, 2007, for exceeding the benzene standard for ground water.

The CIG's Interim Report was received by the COGCC on August 24, 2007. COGCC staff is in the process of reviewing the report.

◆ O-Sand Investigation

Limited subsurface investigations were performed by the COGCC at seven historic O-Sand/heavy oil sites in Logan County in May 2007. The purpose of the investigations was to evaluate the extent of hydrocarbon-impacted soil associated with the historic use of earthen production pits at these sites. The information will be used to determine rough order of magnitude estimates of the volume of hydrocarbon-impacted material at each site. In addition to the site assessments, a feasibility study is being prepared to evaluate potential remediation options. The draft site assessment and feasibility study have been prepared by URS and are pending final review by COGCC staff.

V. SOUTHEAST COLORADO

◆ Phase II Raton Basin Methane Seep Mapping Project - Las Animas and Huerfano Counties

LT Environmental, Inc. (LTE) has completed the field work and mapping for Task 2 which involved conducting soil gas surveys at 37 seeps, 13 plugged and abandoned oil and gas wells, and 2 water wells.

Task 3, which involves sampling and analysis of water wells and gas wells, began on September 24, 2007. Samples are being analyzed for inorganic and general water quality parameters, and dissolved methane. Access letters were sent to water well owners explaining the process and requesting permission to sample the water wells. Where water wells owners did not respond, attempts at direct contact or telephone contact were made to maintain project scope and schedule. Additionally, samples from the gas seeps and gas from production wells were collected and

submitted for stable isotopic and compositional analyses.

◆ Las Animas County House Explosion

COGCC staff continue to work with the City of Trinidad and its representatives to resolve the NOAV that was issued in response to an explosion caused by gas emanating from the Trinidad MGP #1 (API 05-071-06045). The August 29, 2007, soil gas survey of the area, which was conducted by the LT Environmental on behalf of the COGCC, showed elevated concentrations of methane only in a small area immediately adjacent to the well. The City, in consultation with other interested parties, has determined that various downhole tests should be conducted prior to plugging and abandoning the well to determine the cause of the leak. The COGCC staff believes that the site is relatively safe, based on the soil gas survey results and the City's maintenance of fencing and warning signs, and has agreed to allow the City additional time.

◆ Investigation of Huerfano County Water Wells Venting Methane

On behalf of the COGCC, Buys and Associates, Inc. continued to conduct weekly methane screening of 39 water wells in a 14 square-mile area centered around the area where 11 water wells have been impacted by thermogenic methane. To date, the water wells have been surveyed 7 times.

Petroglyph Energy Inc. has continued to voluntarily keep its 52 wells shut-in while the approved Investigation, Monitoring and Mitigation Program is conducted. The objective of the program is to determine whether the CBM reservoir in this area can be produced without creating significant impacts to public health, safety and the environment.

Petroglyph conducted an aerial methane seep survey and a field soil gas mapping program. These activities are being conducted to identify and quantify methane seep areas and to determine whether these methods are adequate for monitoring if and when production restarts. Petroglyph continues to

provide pressure data from the shut-in wells. Petroglyph's third-party contractor continues to assist with water well monitoring and the screening of additional water wells for the presence of methane.

VI. ORGANIZATION

The COGCC is pleased to announce our newest Permit Technician, Larry Coler. Larry has a Bachelor of Science Degree in Geology and brings 20 years of experience in the oil and gas industry to the COGCC.

Please see page 17 for the COGCC's current organization chart.

VII. PLANNING/ADMINISTRATION/OTHER

◆ Pit Violations

COGCC staff received a letter from the U.S. Fish and Wildlife Service (USFWS) dated August 16, 2007, which documented USFWS's observations during a flyover and subsequent inspections on August 13, 2007, at several oil and gas facilities located in Washington County. USFWS's letter cited 4 locations with significant pit problems. These locations were inspected by COGCC staff on August 24, 2007. Each of the 4 locations had violations related to oil on pits, insufficient berms, and/or covers (netting) in disrepair. Notices of Alleged Violation (NOAVs) were issued for all 4 locations. The operators have since performed required corrective measures, and the NOAVs were resolved for these locations.

COGCC's policy is to protect biological resources, including migratory birds, from oil and gas operations in Colorado. COGCC shares USFWS's concerns with the presence of oil on produced water pits and poor maintenance of netting over skim pits. COGCC Rule 902.d. specifically states, "Any accumulation of oil in a pit shall be removed within twenty-four (24) hours of discovery. This requirement is not applicable to properly permitted and properly fenced or netted skim pits."

On September 7, 2007, COGCC field inspectors

commenced widespread inspections to address pit violations and any other violations observed during inspections at locations with pits.

Through September 14, 2007, and not including the original 4 NOAVs referenced above, NOAVs related to pit violations have been issued for locations in Adams County (3), Arapahoe County (1), Elbert County (2), Larimer County (8), Morgan County (1) and Washington County (2).

◆ New Mill Levy Rate

The COGCC conducted a rulemaking hearing on August 28, 2007, to increase the mill levy rate. The Commission passed COGCC staff's recommendation to increase the rate from 0.5 mils to 0.7 mils to cover the costs associated with Senate Bill 07-198, which requires the transfer of \$4.45 million from the Oil and Gas Conservation and Environmental Response Fund to the Coalbed Methane Seepage Cash Fund over a 3-year period.

◆ Conductor Casing Requirement

Effective immediately, the COGCC requires operators to include information concerning the amount and size of conductor casing to be used on each new well. This information should be included on the Application for Permit-to-Drill, Form 2, and should be entered in the section labeled "Drilling Plans and Procedures". The conductor pipe should be described in the casing table showing "String", "Size of Hole", "Size of Casing", etc. If conductor casing is not being run, this should be indicated under "Comments" in line 31 as "No conductor casing will be used". APDs that do not include conductor casing information may require additional processing time.

◆ Guidance Document for Re-filing on Expired Permit

The COGCC issued a guidance document to assist operators and COGCC staff with the requirements to file for a new drilling permit where a previous permit for the well had expired. Please see page 16 for the complete

document, or visit our policies section on the agency website at: [http://cogcc.state.co.us/RR\\_Docs/Policies/APDRefilingGuidanceDoc.pdf](http://cogcc.state.co.us/RR_Docs/Policies/APDRefilingGuidanceDoc.pdf).

◆ COGCC/Colorado Department of Public Health and Environment

COGCC and DNR-EDO staff continue to meet with representatives of the different divisions of the Colorado Department of Public Health and Environment (CDPHE) to develop our strategy for implementing requirements of HB 07-1341.

◆ COGCC/Division of Wildlife

COGCC, DNR-EDO, and DOW staff continue to meet to develop our strategy for implementing the requirements of HB 07-1298. Subcommittees were organized and additional meetings are being conducted.

◆ Coalbed Methane (CBM) Stream Depletion Assessment Study of the Raton and Piceance Basins

S.S. Papadopoulos & Associates, Inc. (Papadopoulos) is continuing their work with the Colorado Geological Survey (CGS) on 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 is similar to the study done last year in the San Juan Basin and extends the assessment to other CBM producing basins of Colorado. Peer review comments are being incorporated for both basins. This study is being performed in cooperation with the Division of Water Resources and the CGS. Funding for the project is being provided by the CGS.

◆ CDPHE Air Quality Control Commission (AQCC)/COGCC

Information regarding the recent rulemaking related to oil and gas operations is available on

the AQCC website at [www.cdphe.state.co.us/op/aqcc](http://www.cdphe.state.co.us/op/aqcc).

The COGCC and APCD will continue to work together cooperatively on air quality related matters.

◆ ERF Plugged and Abandoned Wells - Soil Gas Survey and Inspection Project

An investigation of oil and gas wells abandoned under the supervision of the COGCC Environmental Response Fund (ERF) program has been completed. The investigation was intended to screen for potentially hazardous environmental conditions in the vicinity of these wells. The field investigation phase was completed during the week of June 11, 2007. Final reports were submitted to the COGCC in July, 2007. Funding for this project comes from the Oil and Gas Conservation and Environmental Response Fund (Fund 170) appropriation for Special Environmental Projects.

Methane was detected in the soil in the vicinity of 4 of the wells. A scope of work and cost estimate for a follow up investigation are being developed for each of the 4 locations to map in more detail the extent of the area with methane concentrations above background, to collect water samples from any nearby water wells, to collect gas samples from the subsurface for isotopic analysis, and to conduct soil gas surveys around any nearby buildings.

◆ Colorado Water Quality Forum - Agricultural Diversion Work Group

Margaret Ash and Peter Gintautas are participating in the Colorado Water Quality Forum - Agricultural Diversion work group. The work group includes representatives from the WQCC, WQCD, agriculture, and surface water discharge permit holders, including several Raton Basin operators.

On May 17, 2007, WQCD staff provided a *Draft Policy for Implementing the Narrative Standard for the Protection of Agriculture Uses* for review and comment. The policy would be used by WQCD staff in preparation of permits

for discharges to state waters and could result in more stringent conditions with respect to concentrations of salt allowed in discharges to surface waters. A presentation on the progress of this work group to the WQCC was made at an informational hearing on July 9, 2007. WQCD staff received and incorporated comments from interested parties regarding the *Draft Policy for Implementing the Narrative Standard for the Protection of Agriculture Uses* and presented the revised version to the workgroup at the meeting that was held on August 23, 2007. WQCD staff asked interested parties to review and comment on this new draft by September 10, 2007.

◆ Public Outreach Opportunities

The COGCC had an informational exhibit display in the Department of Natural Resources building at the Colorado State Fair from August 24 through September 3, 2007. Several COGCC employees volunteered to staff the exhibit display each weekend to greet the public and provide information about oil and gas operations in Colorado and about COGCC activities.

Brian Macke provided a presentation on current oil and gas development in western Colorado and recent COGCC regulatory activities at the Colorado River District annual water seminar in Grand Junction on September 14, 2007. Approximately 200 members of the water community, as well as federal, state and local government representatives and the general public, attended the event.

The COGCC has been invited to participate in the Delta-Gunnison County Natural Gas Collaborative Group Meeting that will be held on October 24, 2007, in Montrose, Colorado. The purpose of the meeting is to bring together representatives of the natural gas industry and federal, state, and local government officials to disseminate information about natural gas development in the area and to develop ways to address community issues and concerns with natural gas development. The group will be debriefed on the successful Public Informational Forum on Gas Development Activities that the group

organized on July 18, 2007, at the Crystal Meadows resort in the North Fork of the Gunnison River Valley, and will hear a presentation by the Western Slope Environmental Resource Council and the High Country Citizens Alliance on environmental perspectives and issues.

◆ Onsite Inspection Policy

Under the Policy For Onsite Inspections On Lands Where The Surface Owner Is Not A Party To A Surface Use Agreement, which was effective for Applications for Permits-to-Drill (APDs) submitted after February 15, 2005, the COGCC has received to date a total of 92 requests for onsite inspections.

Twenty (20) onsite inspections have been conducted, 47 requests for inspections have been withdrawn, and 25 onsite inspections are pending and will be scheduled, if necessary, after the APD is received, or after issues related to local governmental designee consultation, location change, or surface use agreements are resolved.

Of the 92 requests for Onsite Inspection, 48 were for locations in Weld County, 17 for Las Animas County, 7 for Adams County, 5 for La Plata County, 4 for Garfield County, 3 each for Boulder and Yuma Counties, 2 for Archuleta County and 1 each for Kiowa, Logan, and Morgan Counties.

◆ Environmental Response Fund (ERF) Project Status

Attached on page 13 is an Excel spreadsheet listing both completed and pending ERF projects for Fiscal Year '06-'07. Pending projects only show funds appropriated or spent to date.

◆ November 2007 Hearing Docket

A preliminary docket for the November 2007 hearing has been provided. Hearing dockets are available on our website by clicking on "Hearings". Links to the hearing applications and notices are available from the Docket Number and Applicant, respectively.

To sign up for e-mail notification of hearing notices and applications, please see the announcement and instructions on our main web page.

◆ Colorado Oil and Gas Information System ("COGIS")

The COGCC information system, COGIS, is made up of many different components that are used by the Commission, staff, industry, government agencies and many others.

➤ Internet

The COGCC determined it was most cost effective to develop applications and information in an Internet-available format. This allows for the same tools to be utilized in different environments, thus eliminating the re-creation of applications. The Internet connection was moved to a new network structure which provides a much more secure environment. The following are tabs on the Internet menu bar:

\* General

This page has links to basic information concerning the Commission, its function, and oil and gas development in Colorado. The annual statistics and the weekly/monthly statistics are available here.

\* Contacts

This page has links to people and agencies that are involved with oil and gas regulation and related issues in the state. The page also contains phone lists and geographic areas of responsibility for COGCC staff.

\* Library

This page contains links to documents resulting from Commission studies, activity reports, and statistical downloads.

\* Hearings

This page has links to the current and previous hearing schedules, which allow for review of the dockets, agendas, applications and their outcome. It also has information that is useful when considering filing an application for hearing or finding information about Commissioners.

\* Rules

This page contains links to the Commission statute, Rules and Regulations, and policies.



- \* Orders  
This application provides searchable capability of the Commission's orders. The search by location is still under construction as we create the map layers for all spacing orders.
- \* Forms  
All are available as Adobe Acrobat documents that can be downloaded, completed, printed and mailed; some are available as Excel and Word documents. Some example and instruction documents are viewable. The forms used by operators to submit information on location of wells and completion reports have been modified to accept latitude and longitude data. Eventually, online forms will be available here, but the exact time frame is unknown.
- \* Staff Report  
Current and previous staff reports are viewable here.
- \* Permits  
This application shows the last 12 months of approved permits and current pending permits; it may be filtered by county.
- \* News/Media  
This is a new category added to the menu of items on our homepage, targeted to provide general information to the media. News and Media contains statistics, charts, graphs, and other items of interest.
- \* Database  
This application enables users to query well, production, and operator information. These queried databases contain the most current set of data and are updated throughout the day.
- \* Local Gov  
This application provides database searches for local government contact information and oil and gas activity within a selected area.
- \* Images  
This application is an interface to the COGCC's historical paper files. All well files, logs, and hearing files have been scanned. This application is not user friendly and the preferred method is to use the database queries and click on the

"docs" icon for wells and other facilities, or to use the Orders application.

- \* Maps  
This interactive map application allows the user to zoom, pan, and select types of information to display. This application will also display the database information for wells by selection tools or double clicking on a single item. There are also tools to allow annotations and to save reusable map files.

A statewide water wells map layer was added to the Internet on August 5, 2005. Many thanks to the Division of Water Resources for allowing us to display its data.

The online maps and GIS download files have been updated to switch the datum used to NAD 1983.

The National Resource Conservation Service Soil Data Mart is included on our maps. Through these links the public can get reports on the soil surveys for any area of the state.

Color images obtained from the United States Department of Agriculture-Farm Service Agency are included on the COGCC Online map system. These images encompass the entire state and were taken in 2005. The black and white images were obtained from the same federal agency. These images were taken in the years between 1989 and 2001.

The COGCC, in cooperation with the BLM, added map layers containing the lease stipulations from the BLM to the COGCC GIS Online site. Among the layers available include Federal Oil and Gas leases, Federal Surface leases, BLM Master Plats, and Federal Oil and Gas Subsurface Rights.

- \* Help  
The COGCC, with assistance from the Ground Water Protection Council, has produced two Macromedia Flash movies to help users understand the many features available within the COGCC GIS Online system. The movies are located by clicking on the HELP link from the main menu or by using the following link: [http://cogcc.state.co.us/COGIS\\_Help/Help.asp](http://cogcc.state.co.us/COGIS_Help/Help.asp)

Two applications on the COGCC website are available to help operators with the entering of data relating to locations. The first, a Footage calculator, will take a new latitude and longitude and calculate new footage calls based on the location supplied at the time of permitting. The tool should only be used to compare locations where latitude and longitude were supplied on the permit as required by the December 1, 2005, rule change. The second application converts Latitude and Longitude as measured in degrees, minutes, and seconds into decimal degrees. The decimal degree format is what COGIS is expecting on all forms requiring lat/long coordinates.

- \* Reports  
This area is still in development; the application malfunctions. The goal is to have selectable data sets and statistical queries.

#### ➤ Local Area Network

The COGCC staff is connected to services by a Local Area Network ("LAN") connection which provides e-mail and data sharing capabilities. The LAN is connected to the Centennial Building at 1313 Sherman Street by a wireless interface; this connection provides access to the Internet and other state services. COGCC staff utilizes the same applications in its work as Internet users, in addition to others outlined below.

- \* Database  
The COGCC maintains a comprehensive database of regulated facilities (wells, pits, injection sites), incidents (inspections, complaints, spills), and affiliations (companies and contacts).
- \* Imaging  
This application provides the capability to convert the paper documents received by the Commission to electronically available documents.
- \* Form Processor  
This set of applications allows user to input, route, edit, and update regulatory reports submitted by oil and gas operators.
- \* Geographic Information Systems ("GIS")  
These applications provide the capability to

create custom maps, convert survey calls to geographic coordinates, and convert and utilize geographic positioning system ("GIS") data.

The GIS Administrator creates daily updates for the Internet map data downloads.

- \* COGIS Tools  
This set of applications allows COGCC staff to correct data in the database in addition to performing specialized workflow administration.

#### Remote Users

This is the final component of the COGIS system. The deployment of this system was delayed due to database synchronization problems; laptops have been deployed to COGCC field inspectors and environmental staff. While the application is still buggy, the feedback is that having information available in the field is a tremendous asset.

This laptop system consists of Internet applications and other report tools necessary for COGCC field staff to facilitate data collection and provide information.

- \* Electronic Business  
There are approximately 200 operators reporting production electronically.

#### ◆ COGIS Projects, Updates and Changes

##### LAS File Upload

Beginning August 24, 2006, all digital well logs submitted to the COGCC over the Internet are to be in LAS (log ASCII) format. In addition to the LAS file, a paper log file is still required. Additionally an operator can submit the same log file in a PDS format, but the PDS format cannot replace the LAS requirement. To submit digital well logs over the Internet, an application must be completed. The application is available from the "Forms" page on the COGCC website <http://www.cogcc.state.co.us>. To utilize the system, the operator will need to submit a Designation of Agent Form, Form 1A. COGCC staff is working with operators and logging companies to gain compliance with the digital log submission requirement. The rule still requires the operator to submit a paper copy of each well log (Rule 308A).

The COGCC has become aware of numerous operators who have not been complying with the digital submission of well logs. Effective May 1, 2007, all operators are required to be in compliance with this Rule for all wells completed since July 2004.

#### Mapping Directional Wellbores Project

This is an industry-sponsored project to make the directional wellbores visible on the Internet map. The project is underway with the application development nearing completion for the COGCC GIS and database applications. The COGCC, along with other states, is working with the Ground Water Protection Council to establish a standard format for electronic submission of directional survey data. The states are gathering their requirements for review and are working towards a delivery date of October 2007 for this format. Once the format is approved, an application will be created for Colorado to receive the directional surveys electronically. Many thanks to Mr. Dewey Gerdom of Petroleum Development Corporation for his insight regarding the need for such a data set.

#### US Standard XML Reporting Project

The COGCC, the Ground Water Protection Council, and agencies from several other states have been working together to establish an XML file format for permitting wells and reporting well completions. The working group issued a beta version to members of industry for their review and comment in February 2007. After a second set of review and discussion among the working group, the final version was published to the industry in June 2007. The next phase of this project will be the development of the application within the agencies to handle the submission of the XML files for processing.

#### Data Management of Bradenhead and Bottom Hole Pressure Systems

Development of the data entry functions for the Bradenhead test reports has been completed and implemented. The backlog of test reports are being entered into the COGIS system. The next phase of the project will be the requirements gathering and design of the Bottom Hole Pressure data system. This phase will incorporate the current form, Bottom Hole

Pressure, Form 13, for operators to use when reporting test results to the COGCC. The test results will then be entered into the new tables within the COGIS system. The existing data that has already been collected will be converted to the new system as part of the project.

#### Delinquent Operations Report

This project created an internal application for the COGCC staff to identify forms/reports that may be required and are missing from the COGCC database. The Information Technology staff is working to develop the automated settings in the database to review data on a monthly basis and reevaluate when well data is modified. The data cleanup that is part of this process is underway and is expected to take several months to complete. Oil and gas operators are being asked to review a list of forms/reports that have not been submitted and either provide the form/report, or provide information substantiating why it is not required.

#### Spacing Orders Project

The spacing orders are being evaluated and posted on the maps, with over eighty-five percent (85%) of the state having been reviewed. The Wattenberg Field in northeast Colorado is the only area remaining to be completed.

#### Database Cleanup Project

The database cleanup project updated almost 35,000 historic well records before funding was exhausted. There remains fewer than 28,000 well records left to be updated. Additional funding has been approved and a new one-year project started July 1, 2007.

#### Production Information Update

The project to incorporate the production data prior to 1999 into the COGIS database environment continues. This project will deliver new web pages for Production Data inquires. The data for the years before 1999 is associated by lease instead of by well requiring new types of queries to be created. A new feature of these pages will be the ability to download the detail information that is displayed.

## **VIII. VARIANCES**

A variance was granted to Texas American Resources Company (TARC) in accordance with Rule 502.b.(1) to allow for a change in the surface casing cement design for the Moran 31-30 well, located in the NW¼ of the NE¼ of Section 30, Township 2 South, Range 64 West, 6<sup>th</sup> P.M., Adams County.

Surface casing was set at a depth of 1676 feet. During surface casing cementing operations, TARC attempted to circulate the cement out of the hole following a pumping equipment failure, but the cement set up before the operation was completed. TARC over displaced the cement, leaving the bottom 300 feet of surface casing uncemented.

TARC requested a variance to Rule 317.h., which requires a continuous column of cement from the bottom of casing to surface. COGCC staff and TARC agreed to continue drilling operations to total depth and stage cement in the production casing from 1800 feet to 1250 feet. This interval would provide cement coverage from at least 100 feet below the surface casing shoe to at least 100 feet above the bottom of the surface casing cement. TARC is required to verify cement coverage using a cement bond log.

**OIL AND GAS CONSERVATION AND ENVIRONMENTAL RESPONSE FUND, BOND CLAIM, AND SPECIAL APPROPRIATIONS  
PLUGGING, ABANDONMENT AND WELL RECLAMATION (PAWR) PROJECTS FOR ORPHANED LOCATIONS  
FISCAL YEAR 2007 - 2008**

<b>PLANNED</b>		<b>ESTIMATED FYE2008 COSTS</b>				<b>ACTUAL FYE2008 EXPENDITURES</b>			
<b>COUNTY</b>	<b>PROJECT NAME</b>	<b>BOND</b>	<b>PAWR</b>	<b>SPECIAL</b>	<b>TOTALS</b>	<b>BOND</b>	<b>PAWR</b>	<b>SPECIAL</b>	<b>TOTALS</b>
ADAMS	MONAGHAN #1 AND #2 RECLAMATION	\$0	\$9,800	\$0	\$9,800	\$0	\$0	\$0	\$0
ARCHULETA	SIERRA OIL & GAS CO. BOND CLAIM	\$30,000	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0
BOULDER	MCKENZIE 1-21X ABANDONMENT	\$0	\$25,000	\$0	\$25,000	\$0	\$0	\$0	\$0
DELTA	SPALDING #1 RE-ABANDONMENT	\$0	\$0	\$50,000	\$50,000	\$0	\$0	\$0	\$0
GARFIELD	STARBUCK #1 ABANDONMENT	\$0	\$0	\$200,000	\$200,000	\$0	\$0	\$0	\$0
RIO BLANCO	RANGELY MANCOS ORPHANS ABANDONMENT	\$0	\$25,000	\$0	\$25,000	\$0	\$0	\$0	\$0
	<b>TOTALS =&gt;</b>	<b>\$30,000</b>	<b>\$59,800</b>	<b>\$250,000</b>	<b>\$339,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>IN PROGRESS</b>									
<b>COUNTY</b>	<b>PROJECT NAME</b>	<b>BOND</b>	<b>PAWR</b>	<b>SPECIAL</b>	<b>TOTALS</b>	<b>BOND</b>	<b>PAWR</b>	<b>SPECIAL</b>	<b>TOTALS</b>
BOULDER	MAXWELL #5 ABANDONMENT	\$0	\$25,000	\$0	\$25,000	\$0	\$1,500	\$0	\$1,500
LOGAN	LITTLE HOOT GAS PLANT RECLAMATION	\$0	\$15,000	\$0	\$15,000	\$0	\$0	\$0	\$0
MOFFAT	BELNAP #1 ABANDONMENT	\$0	\$30,000	\$0	\$30,000	\$0	\$0	\$0	\$0
WASHINGTON	JOLLY RANCH WELLS ABANDONMENT	\$0	\$75,000	\$0	\$75,000	\$0	\$9,157	\$0	\$9,157
WELD	WINTER #1 GROUNDWATER MONITORING	\$0	\$1,000	\$0	\$1,000	\$0	\$0	\$0	\$0
VARIOUS	BLACKWOLF UNIT AND CAUSEY UNIT RECLAMATION	\$0	\$15,000	\$0	\$15,000	\$0	\$0	\$0	\$0
	<b>TOTALS =&gt;</b>	<b>\$0</b>	<b>\$161,000</b>	<b>\$0</b>	<b>\$161,000</b>	<b>\$0</b>	<b>\$10,657</b>	<b>\$0</b>	<b>\$10,657</b>
<b>COMPLETED</b>									
<b>COUNTY</b>	<b>PROJECT NAME</b>	<b>BOND</b>	<b>PAWR</b>	<b>SPECIAL</b>	<b>TOTALS</b>	<b>BOND</b>	<b>PAWR</b>	<b>SPECIAL</b>	<b>TOTALS</b>
CHEYENNE	BARTHOLOMEW #1 ABANDONMENT	\$0	\$5,000	\$0	\$5,000	\$0	\$2,622	\$0	\$2,622
VARIOUS	HOFFMAN AND STATE PYLE WELLS ABANDONMENT	\$0	\$8,500	\$0	\$8,500	\$0	\$8,500	\$0	\$8,500
	<b>TOTALS =&gt;</b>	<b>\$0</b>	<b>\$13,500</b>	<b>\$0</b>	<b>\$13,500</b>	<b>\$0</b>	<b>\$11,122</b>	<b>\$0</b>	<b>\$11,122</b>
<b>ACTUAL</b>									
<b>BOND</b>	<b>ERF</b>	<b>SPECIAL</b>	<b>TOTALS</b>	<b>BOND</b>	<b>ERF</b>	<b>SPECIAL</b>	<b>TOTALS</b>		
\$30,000	\$234,300	\$250,000	\$514,300	\$0	\$21,779	\$0	\$21,779		
<b>ESTIMATED</b>									
<b>BOND</b>	<b>ERF</b>	<b>SPECIAL</b>	<b>TOTALS</b>	<b>BOND</b>	<b>ERF</b>	<b>SPECIAL</b>	<b>TOTALS</b>		
\$30,000	\$234,300	\$250,000	\$514,300	\$0	\$21,779	\$0	\$21,779		

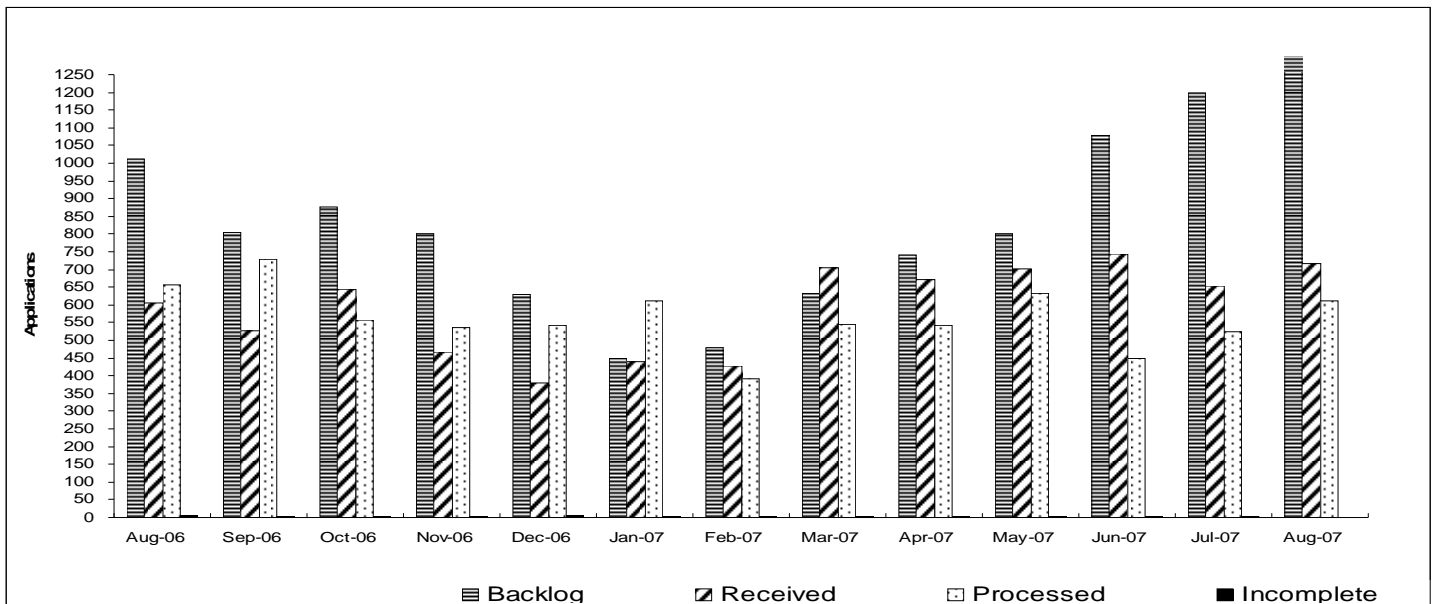
Project Types: "PLUG." indicates plugging and abandonment, "REC." indicates reclamation, and "ENV." indicates environmental.

## Colorado Oil & Gas Conservation Commission

### Monthly Breakout of Drilling and Recompletion Permits

	Backlog	Received	Processed	Withdrawn	Rejected	Incomplete	In-Process	Remaining
<b>Drilling</b>								
Aug-06	1084	578	626	58	0	7	971	978
Sep-06	978	498	698	9	0	4	765	769
Oct-06	769	620	532	15	0	3	839	842
Nov-06	842	451	512	7	0	2	772	774
Dec-06	774	374	516	10	0	7	615	622
Jan-07	622	422	605	8	0	3	428	431
Feb-07	431	426	376	4	0	3	474	477
Mar-07	477	659	529	9	0	3	595	598
Apr-07	598	653	519	22	0	3	707	710
May-07	710	686	598	12	0	2	784	786
Jun-07	786	728	446	17	0	2	1049	1051
Jul-07	1051	643	514	9	0	2	1169	1171
Aug-07	1171	688	589	1	0	1	1268	1269
<b>Recompletion</b>								
Aug-06	43	26	31	3	0	0	35	35
Sep-06	35	29	30	0	0	0	34	34
Oct-06	34	26	25	0	0	0	35	35
Nov-06	35	17	25	0	0	0	27	27
Dec-06	27	7	26	0	0	0	8	8
Jan-07	8	18	7	2	0	0	17	17
Feb-07	17	2	16	0	0	0	3	3
Mar-07	3	46	15	0	0	0	34	34
Apr-07	34	20	23	0	0	0	31	31
May-07	35	17	35	1	0	0	16	16
Jun-07	16	16	3	1	0	0	28	28
Jul-07	28	12	11	0	0	0	29	29
Aug-07	29	28	23	2	0	0	32	32
<b>Total</b>								
Aug-06	1127	604	657	61	0	7	1006	1013
Sep-06	1013	527	728	9	0	4	799	803
Oct-06	803	646	557	15	0	3	874	877
Nov-06	877	468	537	7	0	2	799	801
Dec-06	801	381	542	10	0	7	623	630
Jan-07	630	440	612	10	0	3	445	448
Feb-07	448	428	392	4	0	3	477	480
Mar-07	480	705	544	9	0	3	629	632
Apr-07	632	673	542	22	0	3	738	741
May-07	745	703	633	13	0	2	800	802
Jun-07	802	744	449	18	0	2	1077	1079
Jul-07	1079	655	525	9	0	2	1198	1200
Aug-07	1200	716	612	3	0	1	1300	1301

Incomplete are permits that have missing or inaccurate data and cannot be approved.

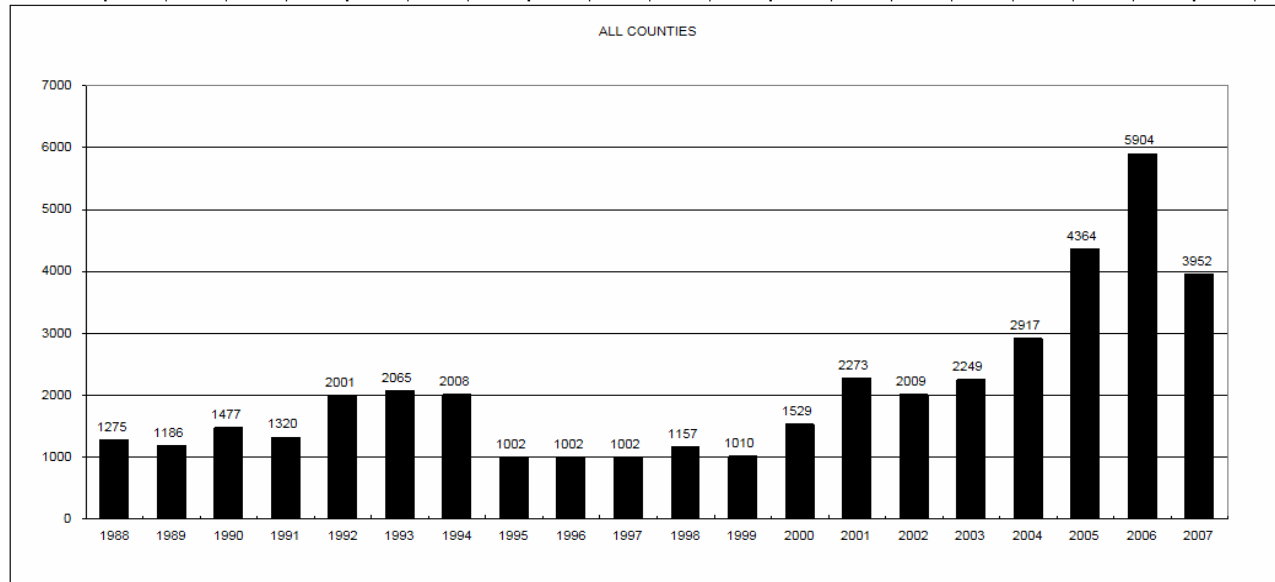


Backlog = Incomplete + In-process = Remaining permits from previous month

COLORADO OIL AND GAS CONSERVATION COMMISSION

**ANNUAL PERMITS BY COUNTY**

COUNTY	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007 as of 8/21/07	
ADAMS	46	34	44	53	92	58	137	34	9	33	24	19	38	28	9	26	39	34	37	76	
ARAPAHOE	5	5	15	14	11	4	20	12	2	9	1	2	0	2	1	2	5	7	11	10	
ARCHULETA	8	5	18	5	2	1		3		3		1	7	9	6	10	8	13	14	13	
BACA	6	4	15	10	23	9	12	24	10	7	13	15	22	6	2	3	7	8	2	5	
BENT				1		2	2	4	2	5	3	5	2				5	3	8	1	
BOULDER	1		1	13	38	159	38	5	8	2	5		1	5	6	7	17	13	21	31	
BROOMFIELD															2	7			1	1	
CHEYENNE	203	149	102	93	71	58	48	55	43	31	41	7	3	3	3	3	3	10	21	14	
COSTILLA																					
CROWLEY	1		1	1																	
DELTA	1	1	2												7	4	5	10	9	2	
DENVER										5	3	3		3						19	25
DOLORES	2		4	1	2	1										1	1	1	6	4	
ELBERT	9	12	8	5	3		2	13	16	11	1		2						4		
EL PASO															1						
FREMONT	9	5	6	7	1	2	2	1	2	1							1	3	2	3	
GARFIELD	19	66	111	36	18	56	143	78	109	141	95	130	213	353	362	567	796	1509	1845	1497	
GRAND							1														
GUNNISON			2	2		1									5	10	1	9	19	5	
HUERFANO	3	5		4	17	3	3	2	1	3	40	26	41	27	27		8	2			
JACKSON	3	1	4	6	2	2	3	2	2	6	3		34	18	21	9	14	6	8	5	
JEFFERSON	1		4	2		1		1	1		1	2	1						1		
KIOWA	15	39	40	46	28	28	21	26	13	17	10	2	11	18	2	4	2	1	11	5	
KIT CARSON	9	5	7	8	8	15	26	11	7	6	9	5				1	3	5	4	3	
LA PLATA	302	218	388	128	120	40	40	20	71	40	82	107	127	156	104	162	102	115	235	121	
LARIMER	4	4	3	6	13	7	3		1	3	1		2		1			1	4		
LAS ANIMAS	10	30	36			9	32	95	134	136	195	195	268	400	259	180	332	413	500	246	
LINCOLN	8	6	4	7	7	11	8	9	3	2			2	2	1	6	3	4	1	2	
LOGAN	18	21	23	13	14	30	15	13	6	12	7		4	7	3	3	6	13	17	9	
MESA	1	12	29	20	22	2	22	6	11	10	2	6	13	27	30	27	54	136	265	190	
MOFFAT	13	25	27	19	40	52	43	40	41	28	21	15	35	52	62	63	63	60	120	52	
MONTEZUMA	6	7	10	8	7	11	15	9	13	5	4	1	4		5	8	8	11	5	5	
MONTROSE				1						1			1	3	2	4	2		1		
MORGAN	34	27	36	13	10	11	19	12	10	11	10	12	9	9	2	7	9	7	3	5	
OTERO				2																	
PARK				1								1									
PHILLIPS			3		1	1							1	2		7	13	17	12	37	
PITKIN		1			2												1				
PROWERS	19	9	5	10	14	7	3	5	5	3	9	3	2	5	4		7	5	7	3	
RIO BLANCO	34	83	77	33	81	83	126	81	33	40	51	95	89	187	105	179	154	161	360	181	
RIO GRANDE	2	3	4	1			1						1	1		1					
ROUTT	4	3	12	4	2	3	1	2	1	1	1	4	20	13	1		4	6	9	7	
SAGUACHE	1							2					2		2					2	
SAN MIGUEL			2	2					1	1	4	2	11	13	27	18	42	45	35	17	
SEDGWICK				1				3		2						1	5	2	7	2	
WASHINGTON	40	29	23	28	24	26	25	12	19	26	18	3	23	17	27	34	128	50	69	36	
WELD	424	357	366	656	1224	1319	1030	254	305	285	392	288	509	702	760	757	832	901	1418	993	
YUMA	14	20	45	60	104	53	167	168	123	116	111	60	31	205	160	138	237	782	797	341	
Total	1275	1186	1477	1320	2001	2065	2008	1002	1002	1002	1157	1010	1529	2273	2009	2249	2917	4364	5904	3952	



**Colorado Oil and Gas Conservation Commission**  
**Form 2 Application for Permit to Drill (APD)**  
**Re-filing Guidance Document**  
**March 20, 2007**

A Permit to Drill is at times not exercised before the expiration of the permit. In order to drill a well that has had its permit expire, the operator must first re-file the Application For Permit to Drill (APD). If this occurs, the re-filed APD will be reviewed to ensure that the APD is in compliance with any new or previously existing Colorado Oil and Gas Conservation Commission (COGCC) rules and orders. The COGCC will give all re-filed APDs the highest priority in processing but will not approve any APD before the minimum ten (10) day Local Governmental Designee comment period required by COGCC Rule (303) (d.) (3.) or the minimum thirty (30) day time period for Surface Owner Notification required by Rule (305) (b.) (1.) has expired.

Re-filed APDs must be complete and on the most current version of the COGCC Application for Permit to Drill, Form 2. The operator shall provide on the form the current applicable spacing order for the well, if any, and reflect any changes to the original APD that were submitted via sundry notice, such as location changes and surface casing setting depths. The operator shall state the following in the comments field on the re-filed APD:

- Any changes to the surrounding land use (changes in land use, new buildings, etc.),
  - Any changes to the well construction plan ,
  - Any changes to the mineral lease description upon which the proposed well site is located,
- Whether or not the proposed well site has been built and if so, is any drilling currently taking place on the well site.

Below are the attachment requirements for submitting a re-filed APD under various circumstances:

If the location of the proposed well has not been moved, then a re-filed APD **is not** required to include the following:

- Drill Site/Access Road Reclamation Form, Form 2A
- Color Pictures
- Plat
- Topographic Map
- Directional Plan

If the location of the proposed well has been moved and no Sundry Notice, Form 4 was previously filed to change the well location, then a re-filed APD **is** required to include the following:

- Drillsite/Access Road Reclamation Form, Form 2A
- Color Pictures
- Plat
- Direction Plan

If the well site and access road for the proposed well has not been built, then the re-filed APD is required to include the following:

- Confirmation of a New Rule 305 Thirty (30) day Surface Owner Notice
- New COGCC Director Exception Location Request and Surface Owner and/or Mineral Owner Waivers (if the location is an exception location)

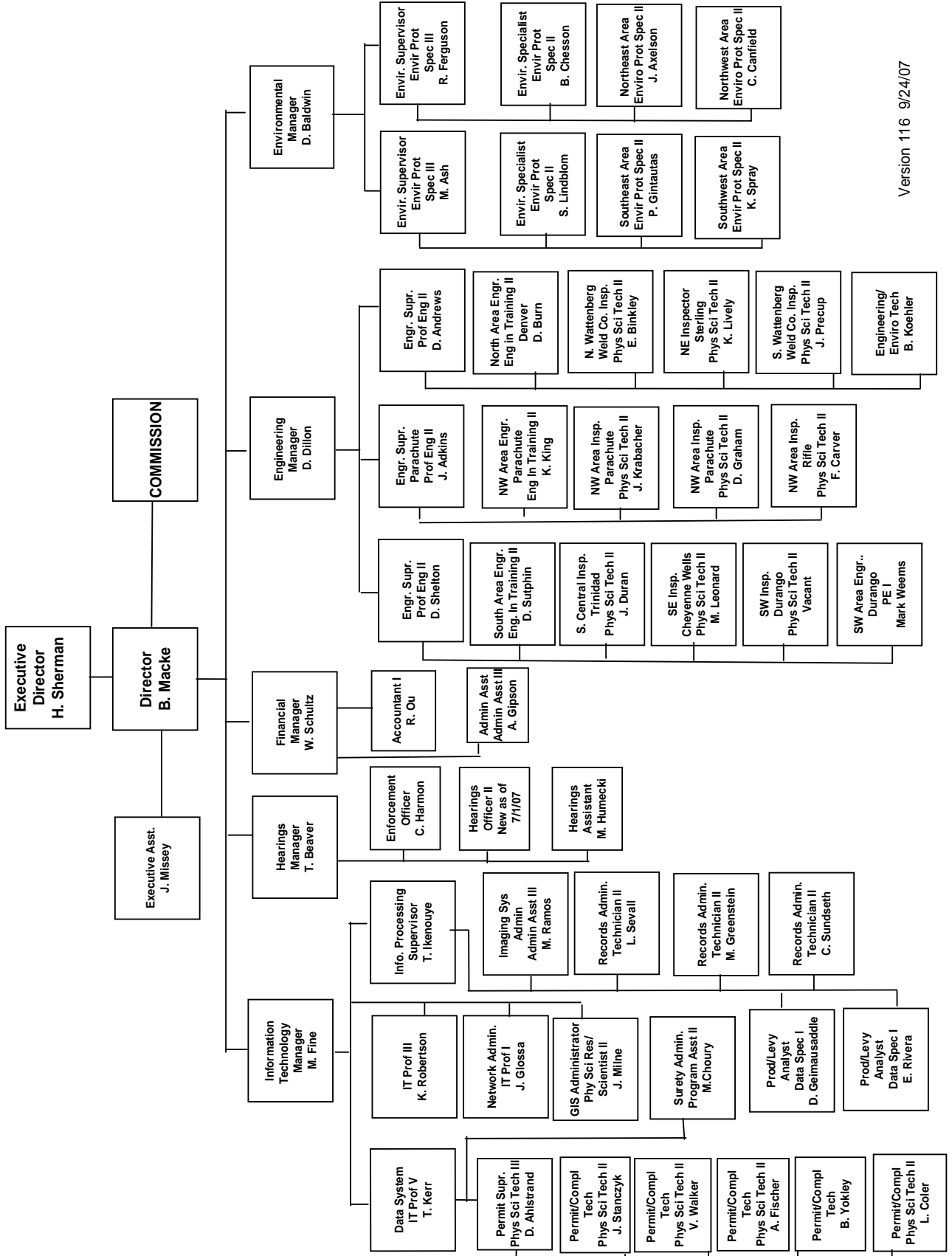
If the well site and access road for the proposed well has been built, then the re-filed APD is required to include:  
Confirmation of a New Rule 305 Thirty (30) day Surface Owner Notice

If the well site and access road has been built and there is a rig actively drilling on the well site, then the re-filed APD **is not** required to include:  
Confirmation of a New Rule 305 Thirty (30) day Surface Owner Notice

It shall be the operator's responsibility to insure that the Rule 306 onsite consultation has taken place. It is also the operator's responsibility to ensure that the surface owner consultation date as well as an indication as to whether or not a surface owner's agreement is still in force is correctly indicated on the Application for Permit-To-Drill, Form 2.



# COLORADO OIL & GAS CONSERVATION COMMISSION ORGANIZATION



Colorado Oil Gas Conservation Commission  
Monthly Statistics

YEAR	MO	Baker - Hughes rig count	Permits												Active Wells	Unedited Historic Records	Public Visits			Well Oper Change
			Drilling			Recompletion			Injection			Pits					Data	Office	Internet	
			Apvd	Rcvd	Apvd	Rcvd	Apvd	Rcvd	Apvd	Rcvd	Apvd	Rcvd	Apvd	Rcvd						
2004	Total		2917	3120	145	164	25	22	242	219					550	549	423127	5806		
2005	JAN	65	263	299	7	36	0	3	8	7	2722	0	0	60	41	49839	2357			
	FEB	70	251	343	29	14	1	1	17	10	27427	0	0	44	71	51277	378			
	MAR	73	339	416	33	27	4	4	36	26	27595	0	0	59	34	60298	432			
	APR	69	420	414	14	25	1	1	26	27	27723	0	0	58	56	52606	394			
	MAY	65	340	319	13	8	0	3	25	35	27853	0	0	46	43	58881	308			
	JUN	69	340	365	13	8	2	3	58	63	28032	0	0	58	33	51402	403			
	JUL	69	314	362	19	23	3	5	50	39	28164	0	0	50	33	53182	365			
	AUG	75	379	508	9	27	5	5	25	76	28364	0	0	67	50	56820	679			
	SEP	78	391	461	24	15	3	1	101	60	28631	0	0	57	48	62058	513			
	OCT	86	437	499	19	21	1	0	27	70	28720	0	0	51	47	66542	462			
	NOV	85	368	534	14	15	0	4	72	25	28866	0	0	61	40	62880	626			
	DEC	83	531	390	15	26	3	0	33	47	28952	0	0	58	44	61024	774			
2005	Total		4373	4910	209	245	23	30	478	485				669	540	686809	7691			
	JAN	84	420	396	21	28	2	1	21	3	29181	0	0	69	61	73154	678			
	FEB	84	266	501	27	20	0	11	4	5	29384	0	0	25	58	73190	458			
	MAR	81	392	508	26	31	0	7	3	1	29751	0	0	35	92	105602	532			
	APR	88	501	594	27	13	7	7	34	23	29907	0	0	30	152	88082	810			
	MAY	89	398	532	26	29	2	4	19	22	30185	0	0	52	60	88825	619			
	JUN	90	563	548	15	38	3	1	43	47	30324	0	0	64	61	88661	1230			
	JUL	92	482	571	36	38	7	4	42	59	30397	0	0	71	44	85027	911			
	AUG	93	626	578	31	26	3	1	27	33	30613	0	0	40	102	78339	477			
	SEP	94	698	498	30	29	7	1	51	33	30732	0	0	78	48	79705	749			
	OCT	92	532	620	25	26	3	2	36	45	30805	0	0	20	68	89950	607			
	NOV	88	512	451	25	17	3	1	19	19	30985	0	0	37	91	75569	412			
	DEC	91	516	374	26	7	0	0	15	3	31096	0	0	10	60	86182	309			
2006	Total		5906	6171	315	302	37	40	314	293				531	897	1012286	7792			
	JAN	96	605	422	7	18	3	1	21	27	31297	0	0	20	79	100089	578			
	FEB	94	376	426	16	2	3	3	13	12	31378	0	0	34	94	77886	501			
	MAR	98	529	659	15	46	2	2	22	22	31550	0	0	26	81	98738	516			
	APR	109	519	653	23	20	4	1	25	26	31691	0	0	26	95	99974	500			
	MAY	107	598	686	35	17	4	2	5	6	31897	0	0	17	82	98585	634			
	JUN	108	446	728	3	16	5	2	5	7	32021	0	0	29	112	170945	807			
	JUL	107	514	643	11	12	1	1	3	24	32135	0	0	29	93	173428	198			
	AUG	113	589	688	23	28	5	10	10	9	33204	0	0	34	103	118720	23			
2007	Total		4176	4905	133	159	27	22	104	133				215	739	938365	3757			

Apvd = Approved, Rcvd = Received, Ind = Individual, Blntk = Blanket, Apps = Application for Hearing, NOAV = Notice of Alleged Violation, AOC = Administrative Order of Consent, OFV = Order Finding Violation, Cmpmt = Complaint, Comp = Completed

Colorado Oil Gas Conservation Commission  
Monthly Statistics

YEAR	MO	Operators		Release		Bonds		Claim		Hearings		Violations		Remediation		Field Insp		
		New	Inactive	Ind.	Blink	Replace	Ind.	Blink	Apps.	Order	NOAV	AOC	OFV	Cmplt	Spills		Rcvd	Comp
2004	Total	105	63	55	36	118	0	2	62	50	235	29	3	154	230	53	60	7716
2005	JAN	10	3	3	7	10	0	1	8	3	18	0	1	12	20	9	3	623
	FEB	8	6	4	2	13	0	1	6	6	6	0	0	11	23	9	2	530
	MAR	8	10	8	3	12	0	0	3	5	6	0	0	21	21	12	14	725
	APR	10	5	7	4	13	0	0	8	4	16	0	1	26	22	15	9	428
	MAY	9	5	7	5	14	0	1	NA	NA	15	NA	NA	10	34	3	1	697
	JUN	15	11	2	5	14	0	0	10	7	20	3	0	13	39	15	7	651
	JUL	14	9	7	5	14	0	0	8	4	37	0	0	22	28	14	2	538
	AUG	10	2	1	2	6	0	0	4	3	36	0	0	19	28	10	4	566
	SEP	17	5	7	5	12	0	0	4	3	15	0	0	24	31	14	8	709
	OCT	14	4	6	2	12	0	0	8	8	34	0	0	35	23	3	8	499
	NOV	18	9	3	6	12	1	16	NA	NA	14	NA	NA	25	22	18	11	780
	DEC	12	3	5	2	17	1	4	15	8	38	2	2	13	39	12	3	751
2005	Total	145	72	60	48	149	2	23	74	51	255	5	4	231	330	134	72	7497
	JAN	15	5	17	5	13	0	0	14	10	6	2	1	21	31	8	18	1096
	FEB	16	2	6	4	14	0	0	11	6	11	2	0	19	37	9	2	955
	MAR	13	5	5	3	16	0	1	11	5	43	1	2	20	33	29	13	682
	APR	14	8	5	8	13	1	0	9	11	32	0	0	34	38	14	3	608
	MAY	12	5	6	4	10	0	0	NA	NA	16	NA	NA	29	23	14	6	1033
	JUN	18	3	2	8	18	0	0	18	15	11	2	0	20	34	17	10	814
	JUL	10	9	2	7	8	0	0	17	11	12	1	2	31	31	13	8	659
	AUG	9	11	7	5	13	0	0	12	6	13	0	0	41	24	35	6	695
	SEP	10	4	3	5	11	0	0	12	7	37	2	0	30	13	7	8	491
	OCT	9	5	3	5	21	0	0	12	11	30	0	0	23	26	29	9	730
	NOV	12	2	3	5	20	0	0	17	16	23	2	0	21	23	14	12	1077
	DEC	9	5	3	3	10	0	0	NA	NA	13	NA	NA	19	30	11	2	827
2006	Total	147	64	62	62	167	1	1	133	98	247	12	5	308	343	200	97	9667
	JAN	15	0	2	2	12	0	0	20	10	14	1	0	17	26	20	2	1324
	FEB	10	4	2	1	12	0	0	5	7	14	0	0	20	27	17	0	1192
	MAR	9	3	3	5	11	3	1	6	11	15	0	0	44	35	18	2	853
	APR	12	6	10	7	11	0	0	NA	NA	29	NA	NA	35	31	6	2	1100
	MAY	13	3	3	4	11	0	0	6	7	33	1	0	38	26	8	15	1014
	JUN	15	1	5	2	9	0	0	NA	NA	34	NA	NA	28	20	10	7	671
	JUL	11	0	3	1	14	0	0	14	20	44	0	0	41	24	23	13	888
	AUG	17	4	4	3	13	0	0	14	10	41	2	0	24	11	11	13	576
2007	Total	102	21	32	25	93	3	1	65	65	224	4	0	247	200	113	54	7618

Apvd = Approved, Rcvd = Received, Ind = Individual, Blinkt = Blanket, Apps = Application for Hearing, NOAV = Notice of Alleged Violation, AOC = Administrative Order of Consent, OFV = Order Finding Violation, Cmplt = Compliant, Comp = Completed

# HEARING DOCKET: November 2007

PRELIMINARY  
09/25/2007

Docket Number	Cause	Applicant/Attorney or Representative	Application Received	Field Formation County	Matter	Remarks
0705-AW-11	1	Kerr-McGee Oil & Gas Onshore LP./ David R. Little/Christopher G. Hayes	03/20/2007	Wattenberg Cretaceous Age Weld	Request for an order to vacate Order No. 1-41, which established a high density area for the N½ of Section 8, Township 1 North, Range 68 West, 6th P.M. and place the lands under the provisions of the Rules & Regulations of the Commission and applicable orders in Cause Nos. 232, 407, 493, 496 and 499, or in the alternative for an order to grant variances from the high density setback requirement for 4 wells to be drilled.	Continued from August
0706-UP-11	9	DJ Resources, Inc./ Barry W. Spector	04/20/2007	Walker "O" Sand and "J" Sand Logan	Request for an order to establish 40-acre drilling and spacing units for certain lands in Sections 23 through 26 of Township 11 North, Range 53 West, 6th P.M. and to pool all nonconsenting interests in the 40-acre drilling and spacing unit consisting of the NE¼ NW¼ of said Section 26.	Protest filed by Linear Energy Management Continued from June, July and August
0707-GA-01	1	Monument Gas Marketing, Inc./ Scott M. Campbell	05/31/2007	Kiowa	Request for an order to amend or rescind Order No. 1V-238 which required re-entry and re-plugging of the Bucklen #2-34 Well.	Continued from July, August and October
0708-SP-21	191	Dolphin Energy Corp./ Stephen J. Sullivan	07/06/2007	Mamm Creek Iles Garfield	Request for an order to establish a 40-acre drilling and spacing unit consisting of the NE¼ SE¼ of Section 16, Township 6 South, Range 92 West, 6th 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 outside boundary.	Continued from August and October
0708-UP-24	407	Great Western Oil and Gas Co./ Michael J. Morgan	07/06/2007	Wattenberg Codel/Niobrara Weld	Request for an order to establish a 160-acre drilling and spacing unit in the NE¼ of Section 26, Township 6 North, Range 67 West, 6th P.M., and to pool all nonconsenting interests in said unit for the drilling of the Great Western 26-51 Well, and to pool all nonconsenting interests in the 80-acre drilling and spacing unit consisting of the W½ NE¼ of said Section 26 for the drilling of the Great Western 26-31 and Great Western 26-32 Wells.	Protests filed by Penne Powers and Judith P. Jenny Continued from August and October

0710-EX-08	112	Williams Production Co./ William A. Keefe	07/27/2007	Ignacio-Blanco Mesaverde La Plata	Request for an order allowing an exception to the permitted location in Order No. 112-46 for the drilling of the relocated Bondad 33-9 #5A Well to be drilled in the SE¼ 1170 feet FSL and 420 feet FEL in Section 3, Township 33 North, Range 9 West, N.M.P.M.	Continued from October
0710-AW-22	112	Chevron USA Inc. and Four Star Oil & Gas Co./ William A. Keefe	08/09/2007	Ignacio-Blanco Fruitland Coal La Plata	Request for an order to allow 2 additional wells for a total of 4 in the 320-acre drilling and spacing units in certain lands in Township 34 North, Ranges 9 and 10 West, N.M.P.M., with the permitted well to be located no closer than 660 feet from the outer unit boundary.	Continued from October
0711-UP-30	404	Penny Adams and Timothy Werner/ William D. Bontrager	09/12/2007	Red Mesa Mesaverde/Dakota La Plata	Request for an order to establish a 160-acre drilling and spacing unit consisting of the NW¼ of Section 26, and the E½ NE¼ of Section 27, both in Township 33 North, Range 12 West, N.M.P.M. and to pool all interests in the 160-acre drilling and spacing unit.	
0711-UP-31	139	Laramie Energy II, LLC/ William A. Keefe	09/13/2007	Rulison Williams Fork/lles Garfield	Request to pool all nonconsenting interests in the 320-acre drilling and spacing unit consisting of the W½ of Section 20, Township 6 North, Range 93 West, 6th P.M. for the proposed Overcracker Federal 20-14D Well.	
0711-AW-24	440	EnCana Oil & Gas (USA) Inc./ Scott M. Campbell	09/14/2007	Parachute Williams Fork/lles Garfield	Request for an order 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 in the E½ of Section 15, Township 7 South, Range 95 West, 6th P.M.	
0711-SP-31	530	Cohort Energy Co./ Scott M. Campbell	09/14/2007	Powder Wash Fox Hills Moffat	Request for an order to establish 160-acre drilling and spacing units consisting of the SW¼ of Section 31, Township 12 North, Range 96 West, 6th P.M., and the SE¼ of Section 36, Township 12 North, Range 97 West, 6th P.M., with the permitted well to be located no closer than 600 feet from the unit boundary.	
0711-AW-23	166	Plains Exploration & Prod. Co./ Scott M. Campbell	09/14/2007	East Plateau Williams Fork/Rollins/Cozzette / Corcoran Mesa	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 Sections 3, 10, 11, 14, and 15 of Township 10 South, Range 94 West, 6th P.M.	
0711-AW-25	429	Plains Exploration & Prod. Co./ Scott M. Campbell	09/14/2007	Brush Creek Williams Fork/Rollins/Cozzette /Corcoran Mesa	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 in certain lands of Township 9 South, Range 93 West, 6th P.M.	

0711-EX-09	315	Rosetta Resources Inc./ Michael J. Wozniak/ Susan L. Aldridge	09/14/2007	Vernon Niobrara Yuma	Request for an order allowing an exception to the permitted location in Order No. 315-3 for the drilling of the Schobe 22-1 Well to be drilled 722 feet FNL and 617 feet FEL in the NE¼ NE¼ of Section 22, Township 1 South, Range 44 West, 6th P.M.
0711-UP-32	232 & 407	EnCana Oil & Gas (USA) Inc./ Michael J. Wozniak/ Susan L. Aldridge	09/14/2007	Wattenberg "J" Sand, Codell and Niobrara Weld	Request for an order to establish a 320-acre drilling and spacing unit for the W½ of Section 18, Township 1 North, Range 68 West, 6th P.M., and to pool all nonconsenting interests in said unit for the proposed Sosa 11-18, 12-18, 21-18 and 22-18 Wells.
0711-SP-32	139	Noble Energy Inc./ Michael J. Wozniak/ Susan L. Aldridge	09/14/2007	Rullison Williams Fork/lles Garfield	Request for an order to establish 40-acre drilling and spacing units consisting of the NW¼ NE¼, the NE¼ NE¼ and the NE¼ NW¼ of Section 3, Township 8 South, Range 96 West, 6th P.M., and allow one well per 10 acres, with the permitted well to be located no closer than 100 feet from the unit boundary.
0711-OV-09	1V	Staff Recommendation	08/31/2007	Weld	AOC-Failure by Diversified Operating Corporation to comply with Rule 905.a., failure to submit a Site Investigation and Remediation Workplan, Form 27, for prior COGCC approval before closing an unlined production pit; and Rule 907.a.(1), failure to ensure that E&P waste is properly stored, handled, transported, treated, recycled or disposed to prevent threatened or actual significant adverse environmental impacts to air, water, soil or biological resources for the Long Draw #1-22 Well located in the NE¼ NE¼ of Section 22, Township 3 North, Range 62 West, 6th P.M.
0711-OV-10	1V	Staff Recommendation	08/14/2007	Las Animas	AOC-Failure by Red River Ranch Holdings LLC. to comply with Rule 209., failure to take special precautions in drilling the Red River Ranch No.18-3E Well located in the NW¼ SW¼ of Section 18, Township 35 South, Range 67 West, 6th P.M., Rule 324A.a. for not taking adequate precautions to prevent significant adverse environmental impacts to water resources, Rule 324A.b. for violating WQCC's standard that surface waters of the state shall be free from substances attributable to human-caused point source or non-point source discharge, Rule 907.a.(1) for not ensuring that E&P waste was properly treated, stored, handled, or disposed of to prevent threatened or actual significant adverse environmental impact, Rule 907.a.(2) for failure to conduct E&P waste management activities and construct and operate E&P waste facilities to protect the waters of the state from significant adverse environmental impact.