



Staff Report

October 28, 2008

I. STATISTICS

- ◆ Our monthly statistics report is attached. As of October 20, 2008, there have been 6,275 Applications for Permits-to-Drill ("APDs") approved. At this pace, it is estimated that approximately 7,800 APDs will be approved in calendar year 2008. This represents a 22% increase over the previous record high of 6,368 APDs approved in 2007, which was 8% higher than the 5,904 permits issued in 2006.
- ◆ The 2008 drilling permit totals for the top seven counties as of October 20th are:

County	2008 (% of Total)	2007	2006	2005
Garfield	2404 (38%)	2550 (40%)	1844 (31%)	1508
Weld	1755 (28%)	1527 (24%)	1418 (24%)	901
Yuma	392 (6%)	541 (8%)	798 (14%)	782
Rio Blanco	370 (6%)	321 (5%)	360 (4%)	161
Mesa	361 (6%)	293 (5%)	265 (4%)	136
La Plata	280 (4%)	251 (4%)	235 (4%)	117
Las Animas	232 (4%)	362 (6%)	500 (8%)	413
State Total	6,275	6,368	5,904	4,364

- ◆ The following table shows a summary of oil and gas well permits requiring new well locations that have been approved by the COGCC in 2006 and through October 20, 2008. 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
2006	5,848	3,933 (67%)	1,915 (33%)	1,223 (21%)	692 (12%)	689 (12%)	3 (<1%)	0 (0%)
2007	6,335	3,876 (61%)	2,459 (39%)	1,558 (25%)	901 (14%)	900 (14%)	1 (<1%)	0
2008	6,230	3,856 (62%)	2,374 (38%)	1,572 (25%)	809 (13%)	796 (13%)	3 (<1%)	3 (<1%)

Published in conjunction with COGCC hearings



II. NORTHWEST COLORADO

◆ Northwest Colorado Oil and Gas Forum

The Forum is an informal gathering of local, state, and federal government officials, oil and gas industry representatives, and citizens that has met regularly since 1989. The purpose of the Forum is to share information about oil and gas development in northwest Colorado 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's Acting Director, Dave Neslin, and Garfield County Commissioner Larry McCown.

The next meeting is scheduled for December 4, 2008, at the Garfield County Fairgrounds.

All parties wishing to be placed on the meeting agenda should contact Chris Canfield at 970-625-5682 or via email at: chris.canfield@state.co.us.

◆ Notice to Operators Drilling Wells within 3/4 Mile of the Rim of the Roan Plateau in Garfield County

On June 12, 2008, COGCC staff issued a Notice to Operators Drilling Wells within 3/4 Mile of the Rim of the Roan Plateau in Garfield County, Pit Design, Construction, and Monitoring Requirements (NTO). The NTO acknowledges the continued need for the use of pits in the Area of Concern defined in the NTO and the potential problems and environmental impacts that can occur even when a closed loop or semi-closed loop system is used. Nonetheless, the NTO encourages continued infrastructure development, and the evaluation and use of alternatives to pits. The NTO includes specifications for designing, constructing, lining, operating, maintaining, monitoring, permitting, and closing pits. Because of recent releases within and outside of the Area of Concern, COGCC staff is collecting additional data and considering an expansion of the Area of Concern.

◆ Local Project Status Update

The Garfield County Phase II Hydrogeologic Characterization Project was conducted for Garfield County by S.S. Papadopoulos & Associates. This is another Public Project In Lieu of Fines that was funded by EnCana Oil & Gas (USA). The Investigation included: 1) the collection and analysis water samples from domestic water wells and produced water and gas samples from oil and gas wells, and 2) the evaluation of the analytical results. The final report and a companion domestic well water quality guidelines pamphlet will be made available on the COGCC website.

◆ Rulison Area

The 3 operators that currently hold most of the oil and gas leases within 3 miles of the Project Rulison blast site, Noble Energy, Inc., Williams Production RMT, and EnCana Oil & Gas (USA) and a third-party consultant, URS Corporation (URS), have developed a comprehensive monitoring, sampling, analysis, and emergency response plan (Plan) for drilling activities within a 3-mile radius area around the test site. The Plan has been expanded to include monitoring for inorganic and non-radionuclide constituents. The Plan will be modified as necessary as additional data are collected. The revised Plan and all other documents related to Project Rulison and activities in the area have been scanned and placed on the COGCC website under Project Number 1991. In addition, the First Quarter 2008 Operational and Environmental Monitoring Report for oil and gas activities within the 3-mile radius of Project Rulison, has been submitted to the COGCC by the 3 operators (Noble, Williams, and EnCana) and has also been posted to the COGCC website Library, Piceance Basin.

Quarterly meetings between COGCC and CDPHE, DOE, and BLM are conducted to review oil and gas activities in the area and to discuss the results of monitoring by industry and the DOE. A quarterly meeting was held on September 16, 2008, and the next meeting is scheduled for December 3, 2008.



COGCC staff with support from M.H. Chew & Associates has completed the first annual inspection of drilling and production operations subject to the Rulison Sampling and Analysis Plan (RSAP). The annual inspection included a review of all documentation generated since approval and implementation of the RSAP as well as two days of field inspections. No adverse findings were made during the inspection. The final report of the inspection has been posted to the COGCC website Library, Piceance Basin and is also available in the Project 1991 files.

◆ Rio Blanco Area

Project Rio Blanco was the second and final underground nuclear blast conducted by the Atomic Energy Commission, the predecessor to the Department of Energy (DOE), to investigate the use of nuclear explosives to stimulate gas production in Colorado. The target formations for this test were the Mesa Verde and Fort Union Formations in Rio Blanco County, approximately 52 miles northeast of Grand Junction. Meetings between COGCC, CDPHE, DOE, BLM and industry will be scheduled as needed to review oil and gas activities in the area around the Rio Blanco test site and to discuss the results of monitoring by industry and the DOE.

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 and Four Corners Geoscience collected another round of ground water samples from water wells in the area during the week of October 13, 2008. Methane was not detected in any of the soil gas monitoring probes and has not been detected by any of the surveys conducted since July 2007. The ground water samples are being analyzed and the results should be available in approximately one month. The reports of ongoing activities are available on the COGCC website Library (www.cogcc.state.co.us Library, San Juan Basin\ Bondad).

◆ Gas and Oil Regulatory Team (GORT) Meeting

The GORT/Southwest Colorado Oil and Gas Stakeholders meeting was held on September 18, 2008, in the Florida Room at the La Plata County Fairgrounds. Approximately 35 people attended the meeting, including representatives from industry, county, SUIT, BLM, USFS, and other interested stakeholders. We would like to thank COGCC Commissioners Tom Compton and Kim Gerhardt, La Plata County Commissioner Wally White and Archuleta County Director of Development Services Rick Bellis for taking time out of their busy schedules to participate. The next GORT/Southwest Colorado Oil and Gas Stakeholders meeting is scheduled for December 11, 2008, at 8:30 am in the La Plata Room at the La Plata County Fairgrounds.

All parties wishing to be placed on the next meeting agenda should contact either Karen Spray at 970-259-1619 or karen.spray@state.co.us.

◆ Fruitland Formation Outcrop Mitigation and Monitoring Projects (4M Projects)

As part of the 4M Projects, the Colorado Geological Survey (CGS) is preparing a detailed geologic map of the Fruitland Formation outcrop in Archuleta County. This work is similar to mapping done in 1999-2000 by the CGS as part of the 3M Project. The work includes mapping the surface expression of the uppermost Cretaceous units, Pictured Cliffs Sandstone, Fruitland Formation, Kirtland Shale, along the rim of the San Juan Basin in Archuleta County between the La Plata-Archuleta County line and the northern boundary of the Southern Ute Indian Reservation.

In addition to mapping geologic contacts, the study includes measurement and analysis of fractures in these formations and mapping of individual coal beds in the Fruitland Formation. When completed, the final report will be added to the Library section of the COGCC website. Formation contact data will be made available as a layer on the COGCC online GIS maps. Field



work began in May 2008 and was completed in late July 2008. Compilation of data and report production is ongoing. Twenty-two measured sections were completed or compiled from previous work. In addition to CGS staff, the CGS used faculty and staff from Fort Lewis College in Durango and the University of Colorado - Denver to assist in the mapping project.

Drilling and installation of monitoring wells for the 4M Project in Archuleta County began at the Wagon Gulch site in the SW¼ SW¼ of Section 4, Township 34 North, Range 5 West on September 27, 2008. To date, 2 monitoring wells have been completed at the Wagon Gulch location. Interpretation of drill cuttings and geophysical logs indicates that the base of the Fruitland Formation lies approximately 840 feet below ground surface. Two significant coals were encountered near the base of the Fruitland Foundation, each approximately 10 to 13 feet thick. Core samples were collected from both coals and are undergoing desorption analysis. Neither borehole produced formation water during drilling. The CGS also participated in the interpretation of lithologic and geophysical data collected from these monitoring wells.

During the week of October 13, 2008, the drilling rig was moved to the Fosset Gulch location and drilling began on the first of the monitoring wells. The COGCC project manager is using COGCC staff from the Environmental, Engineering, Permitting, and Information Technology groups, all with backgrounds in geology and engineering, to assist in the field oversight of the project.

Souder Miller Associates is serving as a general contractor and providing field services. Scorpion Drilling is providing and operating the drilling rig and is using a closed loop system to minimize surface impacts. Cuttings are contained in a steel tank and then transferred to a lined drying area prior to burial onsite.

Due to costs, budget, and expected surface impacts, 2 of the 6 sites initially proposed may be eliminated from the study. The sites that may be eliminated from the scope of work are

those along the Piedra River in Section 24, Township 34 North, Range 5 West, and in the Little Squaw Creek drainage in Section 10, Township 34 North, Range 5 West. The actual number of wells completed at each location will depend upon conditions encountered in the field and actual costs.

LT Environmental (LTE) has completed design work for the 4M Outcrop Mitigation Project in La Plata County. The design package was reviewed by the Technical Working Group (TWG) with final approval by the COGCC. The COGCC continues to work with BP America to finalize surface use agreements on the proposed pilot system locations at South Fork Texas Creek and Pine River Ranches. In addition, the COGCC and LTE presented the proposed Pine River Ranches project and mitigation system to the Pine River Ranches Home Owners Association (PRRHOA) Board on September 8, 2008. It is anticipated that system installation will begin by the end of October 2008.

COGCC staff is also developing a Scope of Work for the La Plata County Fruitland Formation Additional Characterization and Monitoring Project. COGCC continues to negotiate with private surface owners to obtain access for the installation of new Fruitland Formation monitoring wells in La Plata County.

◆ 3M Fruitland Formation Outcrop Monitoring Well Data Collection

COGCC and Norwest Applied Hydrology (NAH) staff visited all of the existing La Plata County monitoring well locations on September 3, 2008, to download data from the data loggers and perform routine maintenance. All monitoring locations were determined to be in good condition and no major repairs are needed. A draft report is currently being reviewed by COGCC staff and should be available soon. Project reports are available on the COGCC website (www.cogcc.state.co.us, Library, San Juan Basin, 3M Project Reports).



V. SOUTHEAST COLORADO

◆ Monitoring, Investigation and Mitigation of Huerfano County Water Wells Venting Methane

Monitoring

On October 8, 2008, Norwest Applied Hydrology (NAH), on behalf of Petroglyph Energy Inc. (PEI), submitted a summary of activities conducted from August 25, 2008, to September 30, 2008. This report and the supporting data have been posted on the website (www.cogcc.state.co.us, Library, Raton Basin, Huerfano County).

During the period from August 25, 2008, to September 30, 2008, NAH and PEI screened 77 domestic water wells for the presence of methane; 53 of the monitored wells showed little change from the previous month's monitoring, 8 wells showed slight increases in methane concentration, 12 wells showed decreases in methane concentration, and 4 wells were monitored for the first time.

Gas flow from a domestic water well in Section 3, Township 29 South, Range 67 West, 6th P.M., has been monitored continuously since August 2007. Gas flow from this water well decreased rapidly in March and April 2008 to a level that cannot be readily measured and has remained at that low level. This decrease in gas flow from a seriously impacted water well coincides with drilling of several methane removal and injection wells by Petroglyph as part of the MIMMP.

At the request of landowners, the COGCC, with its contractor Whetstone Associates, continues to monitor 2 impacted water wells located in Sections 10 and 15, Township 29 South, Range 67 West, 6th P.M. The gas flow rate in the domestic water well located in Section 15 has decreased; however measurable gas flow from this well continues while the flow of methane from the domestic water well in Section 10 has decreased to a level that cannot be readily measured.

Investigation

Four recovery wells and 8 injection wells have been drilled by PEI as part of Phase 1 of the MIMMP. The last of these was completed on May 10, 2008. One recovery well was subsequently plugged and abandoned as it had not produced water or gas. Three of the MIMMP wells were producing a total of 70 MCF/day in the middle of May 2008, with no production of water. Pressure gauges have been installed in each of the wells and the wells were shut-in for a period in June 2008. Gas flow from the MIMMP wells resumed after the shut-in test at similar rates to those observed in May 2008. There were no observable changes in gas flow from water wells during the shut-in period.

NAH, on behalf of PEI, presented the results of pumping tests performed in the removal and injection wells at a September 29, 2008, meeting. Representatives from the Colorado Geological Survey, Environmental Protection Agency, Water Quality Control Division, and the COGCC attended. A report summarizing the pump tests and associated water quality results had been submitted to the COGCC and the EPA on September 25, 2008. Review of the report and data collected is underway by COGCC staff, its 3rd party contractor, and the EPA.

Mitigation

PEI is currently supplying water to 15 homes upon request of the well owner.

Samples of Poison Canyon Formation water were collected and submitted for analysis to gather information to be used in PEI's applications to the EPA for injection permits.

Emergency Planning

PEI submitted the Monitoring and Response Plan to the COGCC and it has been posted on the website. PEI added a fulltime staff member in its La Veta offices to perform environmental monitoring as well as act as a safety officer for its operations. This staff member is conducting routine and event specific methane monitoring.



Petroglyph Outreach

Petroglyph Energy Inc., plans on providing an update to citizens of Huerfano County via full-page newspaper articles in the near future. All landowners immediately adjacent to mitigation wells will be notified prior to commencement of any injection operations.

COGCC Outreach

The COGCC plans on hosting an informational forum on the activities and results of Phase 1 in the next month.

On October 9, 2008, Peter Gintautas attended a second roundtable discussion in Huerfano County concerning preserving water resources while developing mineral rights. It was hosted by various homeowner and property owner associations and was attended by U.S. Representative John Salazar and several of his staff, Huerfano County Commissioners, and Gary Beers (CDPHE Water Quality Control Division).

Stream Depletion Study

On September 16, 2008, Peter Gintautas attended a presentation by Adam Bedard (Norwest Applied Hydrology) of a finite element model for stream depletion caused by coalbed methane (CBM) production. The study has been submitted to the State Engineers' Office on behalf of XTO Energy and Pioneer Natural Resources (Pioneer). The study concluded that several areas showed depletions significant enough to consider the ground water tributary.

Pioneer also hosted a tour of 3 continuous monitoring stations along the Apishapa River in Las Animas County. Peter Gintautas, Gary Beers (WQCD), and several county officials attended. Flow, temperature, and conductivity are measured continuously at 15-minute intervals. Sodium adsorption ratio (SAR) can be estimated from the measured parameters and compared to the results of the chemical analyses of the river water samples collected at each monitoring sites. The data can be used to instantaneously assess water quality by local

irrigators concerned with possible agricultural impacts from permitted discharge of CBM produced water discharges to the Apishapa drainage basin. The WQCD is in the process adding a narrative standard to new and renewing permits to address possible impacts to agricultural users from permitted discharges. Previously collected data from the sites can be viewed on an FTP site maintained by Norwest Applied Hydrology for Pioneer Natural Resources (FTP Site: <ftp://server.appliedhydrology.com> User name = Raton Password = apishapa). With landowner permission, current data can be viewed at each of the 3 sites in real time.

VI. ORGANIZATION

The COGCC is pleased to announce our newest Permit Technician, Penny Garrison. Penny has been working as a contract technician in the Permit Group for the last 8 months and brings several years of experience in the oil and gas industry.

The IT staff has grown by one with the addition of Yihsin Lin as our new application developer. Yihsin has over 9 years experience in developing and supporting application software. Along with his practical experience, Yihsin has a masters degree in computer science from the University of Colorado. The knowledge he brings to our team will enable us to meet the challenges we face in the coming year as we begin to implement the new business processes that technology offers, in addition to the requirements of the new rules. We look forward to working with Yihsin and teaching him the oil and gas business.

For a complete list of COGCC staff, please go to our website and click on "Contacts" on our homepage, and then "Staff Contact Information."

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. From September 7, 2007, through October 7, 2008 (not including the original 4 NOAVs referenced above), NOAVs related to pit violations have been issued for locations in Adams County (37), Arapahoe County (7), Elbert County (2), Larimer County (16), Logan County (9), Morgan County (4), Washington County (31), and Weld County (3), for a total of 109 NOAVs. Corrective action is complete and has been verified in the field by COGCC staff for 80 of the 109 NOAVs.

◆ HB 07-1298 and HB 07-1341 Rulemaking Update

Deliberations are scheduled to continue October 26 and October 27, 2008, at 9:00 am in the Columbine Room at the Sheraton Downtown. For the latest information, to review the proposed rules, and to review all documents and comments submitted on the draft rules, a special rulemaking page has been established on the COGCC website at www.cogcc.state.co.us.

◆ Public Outreach Opportunities

On September 16, 2008, Bob Chesson attended the Transportation Environmental Resource Council (TERC) Oil & Gas Subcommittee meeting at the US Forest Service Regional Office in Golden, Colorado. The Oil & Gas Subcommittee is comprised of representatives of the Bureau of Land Management, U.S. Fish and Wildlife Service, U.S. Forest Service, U.S. Environmental Protection Agency, Colorado Department of Transportation, and the Federal Highway Administration to discuss issues related to transportation and the current oil and gas boom in the state. This was the third meeting of the subcommittee. Along with Brian St. George (BLM), Bob presented a brief discussion of COGCC's well permitting process on non-federal lands with an emphasis on transportation issues under COGCC jurisdiction. He additionally provided a brief update on the current COGCC rulemaking process.

◆ 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 121 requests for onsite inspections.

Twenty-six onsite inspections have been conducted, 67 requests for inspections have been withdrawn, and 28 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 121 requests for Onsite Inspection, 64 were for locations in Weld County, 24 for Las Animas County, 8 for Adams County, 6 for La Plata County, 4 for Garfield County, 3 each for Archuleta, Boulder and Yuma Counties, 2 for Morgan County and 1 each for Baca, Kiowa, Larimer, and Logan Counties.



◆ Plugging and Well Reclamation (PAWR) Fund Status

Pages 13 and 14 show spreadsheets listing PAWR projects for Fiscal Year '07-'08 (revised to include security fence rental costs for the Trinidad MGP #1 Abandonment project) and Fiscal Year '08-'09. Summaries are provided for projects that are planned (work has not yet commenced), in progress (bids have been solicited and some field work may have been performed), or completed (the final invoice has been received).

◆ December 2008 Hearing Docket

A preliminary docket for the December 2008 hearing has been provided. Hearing dockets are available on our website by clicking on "Hearings". Links to the notices and hearing applications 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 category provides general information to the media. It 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

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 Rulemaking Activity Page

With the advent of the activity involved in the rulemaking for the implementation of HB07-1298 and HB07-1341, a set of Web pages has

been created to assist with the dissemination of information. Included within these pages are links to all the documents associated with the rulemaking, including audio of the rulemaking proceedings. The pages also allow for the reading of large documents containing public comments on the process. The pages can be accessed at <http://cogcc.state.co.us/RuleMaking/2007RuleMaking.cfm>.

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 is underway with the development of the application within the agencies to handle the submission of the XML files for processing. An additional feature of this project will be the ability of operators to file their forms over the Internet. The development of this application is now underway, and we look forward to releasing the application to the industry in the first quarter of 2009.

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).



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. Many thanks to Mr. Dewey Gerdom of Petroleum Development Corporation for his insight regarding the need for such a data set.

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 85% of the state having been reviewed. The Wattenberg Field in northeast Colorado is the only area remaining to be completed.

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.

VIII. VARIANCES

- ◆ A variance under Rule 502.b. was granted on October 6, 2008, with the approval of the Notice of Intent to Conduct Seismic Operations for the Shell Exploration and Production Piceance Seismic Project in Rio Blanco County. Shell has requested a variance to Rules 333.e. and 705. requiring financial assurance be posted for surface reclamation. The variance was granted because the project is on federal lands where there is a bond already posted and on fee lands owned by Shell. Additionally, a bond has been posted with the county covering road damage.
- ◆ A variance under Rule 502.b. was granted on October 15, 2008, with the approval of the Application for Permit-to-Drill the Petrox Resources Tierra Piedra 33-5 #15R-1 Well, located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 15, Township 33 North, Range 5 West in Archuleta County. This well is a replacement well for the Tierra Piedra 33-5 #15-1 which was abandoned in October of 2008, due to a fish in the hole. The well location is an exception to Order No. 112-85 which states:

"The units shall consist of the N $\frac{1}{2}$ and S $\frac{1}{2}$ or the E $\frac{1}{2}$ and W $\frac{1}{2}$ of a full section with the permitted well located, when north of the north line of Township 32 North, in the NW $\frac{1}{4}$ and SE $\frac{1}{4}$ of the section, and when south of the north line of Township 32 North, in the NE $\frac{1}{4}$ and SW $\frac{1}{4}$ of the section, and no closer than 990 feet to any outer boundary of the unit, nor closer than 130 feet to any interior quarter section line."

The well is to be a pilot hole and horizontal well drilled from the NW $\frac{1}{4}$ NW $\frac{1}{4}$ to the NW $\frac{1}{4}$ SW $\frac{1}{4}$ and 871 feet from the west line



of the stand-up $W\frac{1}{2}$ 320-acre drilling and spacing unit. The operator has obtained waivers from 88% of the northern and western offset mineral holders. No negative responses have been received.

- ◆ Petroleum Development Corporation ("PDC") submitted a surface casing cement report to COGCC staff on September 16, 2008, for several wells on their Puckett 12D pad, including the Puckett 22A-12D Well. The Puckett 22A-12D Well is located in the $NE\frac{1}{4}$ $NW\frac{1}{4}$ of Section 12, Township 7 South, Range 97 West, 6th P.M.

The surface casing cement program for the Puckett 22A-12D was generally consistent with the surface casing cement program for other wells on the Puckett 12D pad. Surface casing was set at a depth of 2,250 feet. PDC reported pumping lead cement consisting of 1,311 sacks Type III cement with additives (11.6 pounds per gallon, 3.2 cubic feet per sack yield) and tail cement consisting of 400 sacks Type III cement with additives (14.2 pounds per gallon, 1.64 cubic feet per sack yield).

Cement was not circulated to surface, and PDC proceeded with "topping-out" the surface casing cement, which is a common procedure for surface casing cementing in this area. PDC reportedly topped out with 50 sacks of Type III cement with additives (14.2 pounds per gallon, 1.64 cubic feet per sack yield). This top-out cement volume was significantly less than other wells on the same pad, which according to PDC, required 300 sacks to 600 sacks of Type III cement with additives (14.2 pounds per gallon, 1.64 cubic feet per sack yield).

COGCC staff suspects that the hole may have sloughed in towards the casing, creating a bridge. As a result, cement may not be present in a continuous column from the base of the surface casing to ground level, as required by Rule 317.h. However, based on calculation using the flowing casing pressure during the cement job, approximately 1,200 feet of cement is present above the surface casing shoe. Any further attempts to squeeze remedial cement may compromise the integrity of the surface casing.

COGCC staff granted PDC a variance in accordance with Rule 502.b.(1) for the cement requirements of Rule 317.h. PDC contends that the requested variance will not violate the basic intent of the Oil and Gas Conservation Act because environmental protection was achieved by the cement job as pumped.



**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**

PLANNED	COUNTY	TYPE	PROJECT NAME	ESTIMATED FYE2008 COSTS			ACTUAL FYE2008 EXPENDITURES			DESCRIPTION		
				BOND	PAWR	SPECIAL	TOTALS	BOND	PAWR		SPECIAL	TOTALS
	BOULDER	PLUG.	MCKENZIE 1-21X ABANDONMENT	\$0	\$25,000	\$0	\$25,000	\$0	\$0	\$0	Plug and abandon well. All available PAWR funds have been encumbered for FY2007-2008. Therefore, this project was postponed until FY2008-2009.	
			TOTALS ==>	\$0	\$25,000	\$0	\$25,000	\$0	\$0	\$0		
IN PROGRESS												
	COUNTY	TYPE	PROJECT NAME	BOND	PAWR	SPECIAL	TOTALS	BOND	PAWR	SPECIAL	TOTALS	DESCRIPTION
	ARCHULETA	PLUG.	SIERRA OIL & GAS CO. BOND CLAIM	\$30,000	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	Plug and abandon Schick, Mizar #1, and reclaim the surface at Binkley #2. Schick, Mizar #1 was postponed until FY2008-2009 to accommodate the surface owner's timing preferences. Reclamation at Binkley #2 was postponed until FY2008-2009 to accommodate the surface owner's timing preferences. A contractor has been selected to perform the reclamation work. Security fence rental while waiting to re-enter, plug and abandon well.
	LAS ANIMAS	PLUG.	TRINIDAD MGP #1 ABANDONMENT	\$0	\$0	\$0	\$0	\$0	\$703	\$0	\$0	
			TOTALS ==>	\$30,000	\$0	\$0	\$30,000	\$0	\$703	\$0	\$0	
COMPLETED												
	COUNTY	TYPE	PROJECT NAME	BOND	PAWR	SPECIAL	TOTALS	BOND	PAWR	SPECIAL	TOTALS	DESCRIPTION
	ADAMS	REC.	MONAGHAN #1 AND #2 RECLAMATION	\$0	\$9,800	\$0	\$9,800	\$0	\$11,000	\$0	\$11,000	Monaghan #1: Removed gathering line, steel posts and weeds. Re-graded and placed grass seed over disturbed areas. Monaghan #2: Removed and disposed of junk and trash on site. Demolished, transported and disposed of concrete pad. Re-graded and placed grass seed over disturbed areas.
	BOULDER	PLUG.	MAXWELL #5 ABANDONMENT	\$0	\$25,000	\$0	\$25,000	\$0	\$57,816	\$0	\$57,816	Project commenced in FYE2007. Hot tapped valve on well in to monitor pressure. FYE2008: Performed soil gas survey around well. Re-entered, plugged and abandoned well.
	CHEYENNE	PLUG.	BARTHOLOMEW #1 ABANDONMENT	\$0	\$5,000	\$0	\$5,000	\$0	\$2,622	\$0	\$2,622	Tagged bottom with wireline inside surface casing. Re-set top plugs, cut off and capped casing. Location left level to be farmed.
	DELTA	PLUG.	SPAULDING #1 RE-ABANDONMENT	\$0	\$0	\$50,000	\$50,000	\$0	\$12,273	\$54,009	\$66,282	Prepared surface location. Re-entered, plugged and abandoned well. Reclaimed surface.
	GARFIELD	PLUG.	STARBUCK #1 ABANDONMENT	\$0	\$0	\$200,000	\$200,000	\$0	\$0	\$195,991	\$195,991	Prepared surface location. Re-entered, plugged and abandoned well. Reclaimed surface.
	LOGAN	REC.	LITTLE HOOT GAS PLANT RECLAMATION	\$0	\$15,000	\$0	\$15,000	\$0	\$24,850	\$0	\$24,850	Reclamation work commenced in FYE 2007. Tasks completed in FYE2008: Removed concrete, piping and anchor posts; demolished building; graded disturbed areas to match existing topography; and re-seeded to match existing vegetation.
	MOFFAT	PLUG.	BELNAP #1 ABANDONMENT	\$0	\$30,000	\$0	\$30,000	\$0	\$28,500	\$0	\$28,500	Project commenced in FYE2007. Plugged and abandoned well. Tasks completed in FYE 2008: Cleaned up pit and oil-saturated soils, reclaimed surface and re-seeded.
	RIO BLANCO	PLUG.	RANGELY MANCOS ORPHANS ABANDONMENT	\$0	\$25,000	\$0	\$25,000	\$0	\$16,500	\$0	\$16,500	Filled each well with Mancos shale to within 50' of surface and topped off with Redi-Mix concrete. Installed dry hole markers with well information, removed all cable, junk and debris on location, recontoured and reclaimed to match surrounding terrain.
	WASHINGTON	PLUG.	JOLLY RANCH WELLS ABANDONMENT	\$0	\$75,000	\$0	\$75,000	\$0	\$82,474	\$0	\$82,474	Collected gas samples, re-entered, plugged and abandoned three wells. Reclaimed the surface at all three locations. Project commenced in FYE 2007: Installed and sampled groundwater monitoring wells to evaluate potential groundwater impact from the Winter #1 well. Impact was not observed. Remaining tasks for FYE2008: Performed a follow-up groundwater sampling event on 3/12/2008. Currently waiting on contractor availability to plug and abandon the monitoring wells. Cleaned up locations and removed junk. Buried concrete blocks, leveled surface, and re-seeded affected areas.
	WELD	ENV.	WINTER #1 GROUNDWATER MONITORING	\$0	\$1,000	\$0	\$1,000	\$0	\$1,051	\$0	\$1,051	
	VARIOUS	REC.	BLACKWOLF UNIT AND CAUSEY UNIT RECLAMATION	\$0	\$15,000	\$0	\$15,000	\$0	\$3,264	\$0	\$3,264	Project commenced in FYE2007. Plugged and abandoned two wells. Tasks completed in FYE 2008: Removed junk and reclaimed surface at both locations.
	VARIOUS	PLUG.	HOFFMAN AND STATE PYLE WELLS ABANDONMENT	\$0	\$8,500	\$0	\$8,500	\$0	\$8,500	\$0	\$8,500	
			TOTALS ==>	\$0	\$209,300	\$250,000	\$459,300	\$0	\$248,850	\$250,000	\$498,850	
				ESTIMATED				ACTUAL				
				BOND	PAWR	SPECIAL	TOTALS	BOND	PAWR	SPECIAL	TOTALS	
			GRAND TOTALS ==>	\$30,000	\$234,300	\$250,000	\$514,300	\$0	\$249,553	\$250,000	\$498,850	
				Project Types: "PLUG." indicates plugging and abandonment, "REC." indicates reclamation, and "ENV." indicates environmental.								
				Revised October 7, 2008 Revision includes security fence rental costs for Trinidad MGP #1 Abandonment								



**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 2008 - 2009**

PLANNED		ESTIMATED FYE2009 COSTS				ACTUAL FYE2009 EXPENDITURES				DESCRIPTION	
COUNTY	TYPE	PROJECT NAME	BOND	PAWR	SPECIAL	TOTALS	BOND	PAWR	SPECIAL	TOTALS	
BACA	PLUG.	WALLACE OIL & GAS INC. BOND CLAIM	\$15,000	\$60,000	\$0	\$75,000	\$0	\$0	\$0	\$0	COGCC Staff is working with an operator who may take these wells over for production. Otherwise, plug and abandon three wells.
BOULDER	PLUG.	MCKENZIE 1-21X ABANDONMENT	\$0	\$25,000	\$0	\$25,000	\$0	\$0	\$0	\$0	Carryover from FY 2007-2008 (not enough funds). Plug and abandon well.
HUERFANO	REC.	MAJOR #1 RECLAMATION	\$0	\$5,000	\$0	\$5,000	\$0	\$0	\$0	\$0	Landowner complaint. Cut casing, weld plate, backfill pits, re-contour, re-seed, set dry hole marker, and remove junk.
HUERFANO	REC.	SMITH #1 RECLAMATION	\$0	\$5,000	\$0	\$5,000	\$0	\$0	\$0	\$0	Landowner complaint. Backfill pits, re-contour, re-seed, and remove junk.
JACKSON	REC.	BATTLESHIP FIELD PRODUCTION TANK RECLAMATION	\$0	\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0	Landowner complaint. Empty contents of tank and dispose. Demolish 10,000 bbl tank for scrap. Demolish building. Remove junk and trash. Remove oil-saturated soil, re-contour, and re-seed.
KIT CARSON	PLUG.	FIVE FIELDS #1 ABANDONMENT	\$0	\$2,500	\$0	\$2,500	\$0	\$0	\$0	\$0	Cut casing and weld plate.
LA PLATA	PLUG.	DAVIE 1-22 ABANDONMENT	\$0	\$0	\$35,000	\$35,000	\$0	\$0	\$0	\$0	Plug and abandon leaking well.
MESA	PLUG.	DEBEQUE ORPHANS ABANDONMENT	\$0	\$0	\$50,000	\$50,000	\$0	\$0	\$0	\$0	Plug and abandon two leaking wells.
MESA	PLUG.	MCDANIEL 1-11 ABANDONMENT	\$0	\$0	\$120,000	\$120,000	\$0	\$0	\$0	\$0	Plug and abandon leaking well.
MESA	REC.	RED OAK OPERATING RECLAMATION	\$0	\$10,000	\$0	\$10,000	\$0	\$0	\$0	\$0	Landowner complaint. Remove junk, re-contour and re-seed.
MONTEZUMA	PLUG.	WALTER GOFF #1 ABANDONMENT	\$0	\$25,000	\$0	\$25,000	\$0	\$0	\$0	\$0	Plug and abandon leaking well.
RIO GRANDE	PLUG.	JYNNIFER #1 ABANDONMENT (BOND CLAIM)	\$5,000	\$45,000	\$0	\$50,000	\$0	\$0	\$0	\$0	Plug and abandon well.
ROUTT	PLUG.	BAIERL #2 ABANDONMENT (BOND CLAIM)	\$5,000	\$10,000	\$0	\$15,000	\$0	\$0	\$0	\$0	Landowner complaint. Plug and abandon well. Reclaim surface.
		TOTALS ==>	\$25,000	\$237,500	\$205,000	\$467,500	\$0	\$0	\$0	\$0	
IN PROGRESS											
COUNTY	TYPE	PROJECT NAME	BOND	PAWR	SPECIAL	TOTALS	BOND	PAWR	SPECIAL	TOTALS	DESCRIPTION
ARCHULETA	PLUG.	SIERRA OIL & GAS CO. BOND CLAIM	\$30,000	\$0	\$0	\$30,000	\$3,048	\$0	\$0	\$3,048	Plug and abandon Schick, Mizar #1 and reclaim the surface at Binkley #2. Schick, Mizar #1 is postponed until Fall 2008 or Spring 2009 to accommodate the surface owner's timing preferences. Reclamation at Binkley #2 was completed on July 10, 2008.
LAS ANIMAS	PLUG.	TRINIDAD MGF #1 ABANDONMENT	\$0	\$7,500	\$90,000	\$97,500	\$0	\$348	\$55,411	\$55,411	Attempted to re-enter, plug and abandon well. Could not get to the planned TD because of junk in the hole. Re-contoured surface, re-installed security fence (rental), extended casing to vent well and installed wellhead. Forward plan is to purchase security fence and install a gate for access.
		TOTALS ==>	\$30,000	\$7,500	\$90,000	\$127,500	\$3,048	\$348	\$55,411	\$58,411	
ESTIMATED											
		GRAND TOTALS ==>	\$55,000	\$245,000	\$295,000	\$595,000	\$3,048	\$348	\$55,411	\$3,048	
ACTUAL											
		GRAND TOTALS ==>	\$55,000	\$245,000	\$295,000	\$595,000	\$3,048	\$348	\$55,411	\$3,048	

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

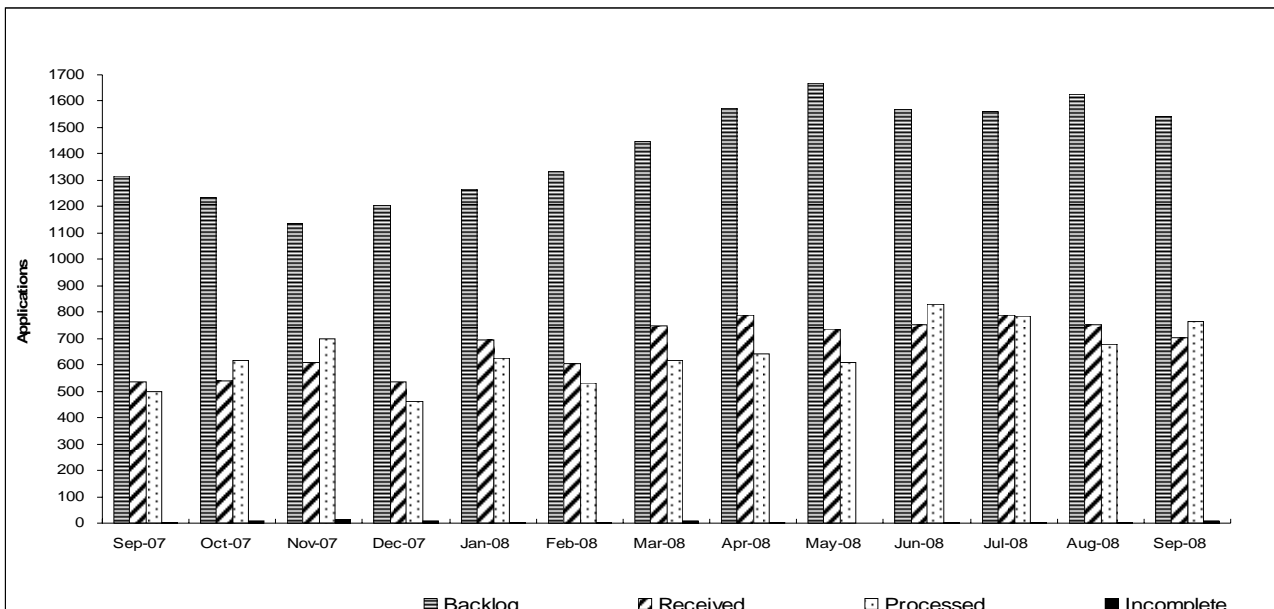
Updated October 7, 2008



Colorado Oil & Gas Conservation Commission Monthly Breakout of Drilling and Recompletion Permits

	Backlog	Received	Processed	Withdrawn	Rejected	Incomplete	In-Process	Remaining
Drilling								
Sep-07	1267	509	477	17	0	5	1277	1282
Oct-07	1282	511	605	6	0	8	1174	1182
Nov-07	1182	595	675	8	0	12	1082	1094
Dec-07	1094	511	436	8	0	7	1154	1161
Jan-08	1161	675	608	9	0	5	1214	1219
Feb-08	1219	591	514	3	0	5	1288	1293
Mar-08	1293	734	601	16	0	7	1403	1410
Apr-08	1410	784	607	18	0	4	1566	1569
May-08	1569	688	587	34	0	2	1636	1636
Jun-08	1636	730	802	21	0	2	1543	1543
Jul-08	1543	760	774	8	0	2	1519	1521
Aug-08	1521	696	640	7	0	2	1568	1570
Sep-08	1570	682	710	23	0	8	1511	1519
Recompletion								
Sep-07	33	26	23	2	0	0	34	34
Oct-07	34	30	11	0	0	0	53	53
Nov-07	53	13	22	0	0	0	44	44
Dec-07	44	24	25	0	0	0	43	43
Jan-08	43	20	17	0	0	0	46	46
Feb-08	46	14	18	1	0	0	41	41
Mar-08	41	13	16	0	0	0	38	38
Apr-08	38	4	33	3	0	0	6	6
May-08	6	47	20	1	0	0	32	32
Jun-08	32	20	27	0	0	1	24	25
Jul-08	25	28	12	0	0	1	39	41
Aug-08	41	54	37	1	0	1	55	57
Sep-08	57	19	54	1	0	1	20	21
Total								
Sep-07	1300	535	500	19	0	5	1311	1316
Oct-07	1316	541	616	6	0	8	1227	1235
Nov-07	1235	608	697	8	0	12	1126	1138
Dec-07	1138	535	461	8	0	7	1197	1204
Jan-08	1204	695	625	9	0	5	1260	1265
Feb-08	1265	605	532	4	0	5	1329	1334
Mar-08	1334	747	617	16	0	7	1441	1448
Apr-08	1448	788	640	21	0	4	1572	1575
May-08	1575	735	607	35	0	2	1668	1668
Jun-08	1668	750	829	21	0	3	1567	1568
Jul-08	1568	788	786	8	0	3	1558	1562
Aug-08	1562	750	677	8	0	3	1623	1627
Sep-08	1627	701	764	24	0	9	1531	1540

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



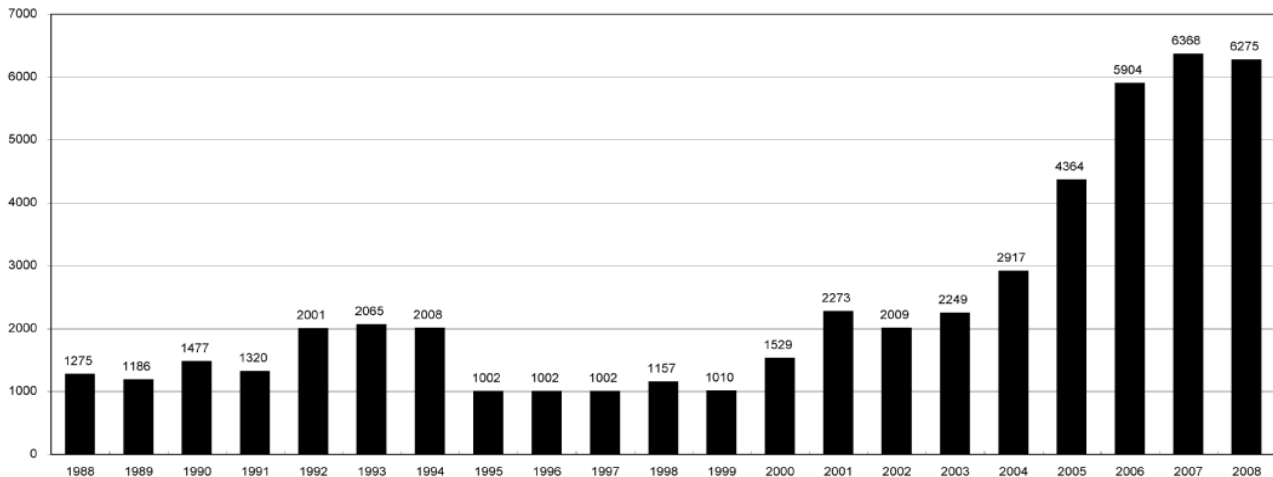
Backlog = Incomplete + In-process = Remaining permits from previous month



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	Through 10/19/2008	
ADAMS	46	34	44	53	92	58	137	34	9	33	24	19	38	28	9	26	39	34	37	89	40	
ARAPAHOE	5	5	15	14	11	4	20	12	2	9	1	2	0	2	1	2	5	7	11	10	6	
ARCHULETA	8	5	18	5	2	1		3		3		1	7	9	6	10	8	13	14	26	41	
BACA	6	4	15	10	23	9	12	24	10	7	13	15	22	6	2	3	7	8	2	11	7	
BENT				1		2	2	4	2	5	3	5	2				5	3	8	1	1	
BOULDER	1		1	13	38	159	38	5	8	2	5		1	5	6	7	17	13	21	37	29	
BROOMFIELD																2	7		1	1	2	
CHEYENNE	203	149	102	93	71	58	48	55	43	31	41	7	3	3	3	3	3	10	21	15	19	
COSTILLA												1										
CROWLEY	1		1	1																		
DELTA	1	1	2												7	4	5	10	9	2		
DENVER										5	3	3		3					19	25	24	
DOLORES	2		4	1	2	1										1	1	1	6	10	12	
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	4	7	
GARFIELD	19	66	111	36	18	56	143	78	109	141	95	130	213	353	362	567	796	1509	1845	2550	2404	
GRAND						1																
GUNNISON			2	2		1									5	10	1	9	19	7	9	
HUERFANO	3	5		4	17	3	3	2	1	3	40	26	41	27	27		8	2			7	
JACKSON	3	1	4	6	2	2	3	2	2	6	3		34	18	21	9	14	6	8	5	22	
JEFFERSON	1		4	2		1		1	1		1	2	1						1	3		
KIOWA	15	39	40	46	28	28	21	26	13	17	10	2	11	18	2	4	2	1	11	9	18	
KIT CARSON	9	5	7	8	8	15	26	11	7	6	9	5				1	3	5	4	4	12	
LA PLATA	302	218	388	128	120	40	40	20	71	40	82	107	127	156	104	162	102	115	235	251	280	
LARIMER	4	4	3	6	13	7	3		1	3	1		2		1			1		5	17	
LAS ANIMAS	10	30	36			9	32	95	134	136	195	195	268	400	259	180	332	413	500	362	232	
LINCOLN	8	6	4	7	7	11	8	9	3	2			2	2	1	6	3	4	1	2	48	
LOGAN	18	21	23	13	14	30	15	13	6	12	7		4	7	3	3	6	13	17	14	2	
MESA	1	12	29	20	22	2	22	6	11	10	2	6	13	27	30	27	54	136	265	293	361	
MOFFAT	13	25	27	19	40	52	43	40	41	28	21	15	35	52	62	63	63	60	120	68	48	
MONTEZUMA	6	7	10	8	7	11	15	9	13	5	4	1	4		5	8	8	11	5	12	20	
MONTROSE				1						1			1	3	2	4	2		1	3	2	
MORGAN	34	27	36	13	10	11	19	12	10	11	10	12	9	9	2	7	9	7	3	6	1	
OTERO				2																		
PARK				1								1										
PHILLIPS			3		1	1							1	2		7	13	17	12	69	50	
PITKIN		1			2												1			1		
PROWERS	19	9	5	10	14	7	3	5	5	3	9	3	2	5	4		7	5	7	5	4	
RIO BLANCO	34	83	77	33	81	83	126	81	33	40	51	95	89	187	105	179	154	161	360	321	370	
RIO GRANDE	2	3	4	1			1						1	1		1					1	
ROUTT	4	3	12	4	2	3	1	2	1	1	1	4	20	13	1		4	6	9	8	3	
SAGUACHE	1							2					2		2							
SAN MIGUEL			2	2					1	1	4	2	11	13	27	18	42	45	35	23	19	
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	45	10	
WELD	424	357	366	656	1224	1319	1030	254	305	285	392	288	509	702	760	757	832	901	1418	1527	1755	
YUMA	14	20	45	60	104	53	167	168	123	116	111	60	31	205	160	138	237	782	797	541	392	
Total	1275	1186	1477	1320	2001	2065	2008	1002	1002	1002	1157	1010	1529	2273	2009	2249	2917	4364	5904	6368	6275	

ALL COUNTIES





Colorado Oil Gas Conservation Commission Monthly Statistics

YEAR	MO	Baker - Hughes rig count	Drilling		Recompletion		Permits		Injection		Pits		Active Wells	Unedited Historic Records	Public Visits			Well Oper Change
			Apvd	Rcvd	Apvd	Rcvd	Apvd	Rcvd	Apvd	Rcvd	Apvd	Rcvd			Data	Office	Internet	
2005	Total		4373	4910	209	245	23	30	478	485					669	540	686809	7688
	JAN	84	420	396	21	28	2	1	21	3	29181	0	69	61	73154	678		
	FEB	84	266	501	27	20	0	11	4	5	29384	0	25	58	73190	458		
	MAR	81	392	508	26	31	0	7	3	1	29751	0	35	92	105602	533		
	APR	88	501	594	27	13	7	7	34	23	29907	0	30	152	88082	811		
	MAY	89	398	532	26	29	2	4	19	22	30185	0	52	60	88825	620		
	JUN	90	563	548	15	38	3	1	43	47	30324	0	64	61	88661	1229		
	JUL	92	482	571	36	38	7	4	42	59	30397	0	71	44	85027	904		
	AUG	93	626	578	31	26	3	1	27	33	30613	0	40	102	78339	476		
	SEP	94	698	498	30	29	7	1	51	33	30732	0	78	48	79705	653		
	OCT	92	532	620	25	26	3	2	36	45	30805	0	20	68	89950	614		
	NOV	88	512	451	25	17	3	1	19	19	30985	0	37	91	75569	412		
	DEC	91	516	374	26	7	0	0	15	3	31096	0	10	60	86182	311		
2006	Total		5906	6171	315	302	37	40	314	293			531	897	1012286	7699		
	JAN	96	605	423	7	18	3	1	22	27	31297	0	20	79	100089	586		
	FEB	94	375	428	16	2	3	3	13	15	31378	0	34	94	77886	502		
	MAR	98	525	662	15	46	2	3	22	22	31550	0	26	81	98738	521		
	APR	109	524	658	23	20	4	1	28	26	31691	0	26	95	99974	510		
	MAY	107	597	686	35	17	4	3	5	6	31897	0	17	82	98585	646		
	JUN	108	446	728	3	16	5	3	5	8	32021	0	29	112	170945	878		
	JUL	107	520	643	11	12	1	1	3	33	32135	0	29	93	173428	530		
	AUG	113	590	693	23	29	5	11	11	9	33204	0	34	103	118720	543		
	SEP	116	477	509	23	26	5	3	35	215	33357	0	34	40	97384	5399		
	OCT	111	605	511	11	30	2	4	6	35	33574	0	81	62	86694	480		
	NOV	113	675	595	22	13	5	3	0	26	33731	0	41	56	80961	657		
	DEC	109	436	511	25	24	3	2	4	6	33815	0	11	72	71727	589		
2007	Total		6375	7047	214	253	42	38	154	428			382	969	1275131	11841		
	JAN	100	608	675	17	20	0	5	5	12	34173	0	16	99	87783	685		
	FEB	115	514	591	18	14	4	8	4	22	34341	0	27	106	80083	524		
	MAR	118	601	734	16	13	3	3	11	3	34695	0	21	91	132081	601		
	APR	123	607	784	33	4	10	13	9	12	35058	0	18	84	141191	565		
	MAY	119	587	688	20	47	1	11	2	3	35390	0	16	98	123537	681		
	JUN	108	802	730	27	20	6	2	8	51	35686	0	12	102	79732	625		
	JUL	109	774	760	12	28	1	5	4	13	35978	0	12	82	75564	823		
	AUG	116	640	696	37	54	2	0	95	15	36271	0	23	122	70750	282		
	SEP	115	710	682	54	19	4	1	147	8	36516	0	21	143	67034	27		
2008	Total		5843	6340	234	219	31	48	285	139			166	927	857755	4813		



Colorado Oil Gas Conservation Commission Monthly Statistics

YEAR	MO	Operators		Release		Bonds		Claim		Hearings		Violations		Complt		Spills		Remediation		Field Insp
		New	Inactive	Ind.	Blanket	Replace	Ind.	Blanket	Apps.	Order	NOAV	AOC	OFV	Complt	Spills	Rcvd	Comp	Projects		
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	19	28	20	2	1330		
	FEB	10	4	2	1	12	0	0	5	7	14	0	0	20	27	17	0	1197		
	MAR	9	3	3	5	11	3	1	6	11	17	0	0	44	37	18	2	857		
	APR	12	6	10	7	11	0	0	NA	NA	29	NA	NA	35	40	7	2	1198		
	MAY	13	3	3	4	11	0	0	6	7	33	1	0	38	28	8	15	1157		
	JUN	15	1	5	2	9	0	0	NA	NA	35	NA	NA	30	23	12	7	761		
	JUL	11	0	3	1	14	0	0	14	20	44	0	0	41	23	27	13	1007		
	AUG	17	4	4	3	13	0	0	14	10	41	2	0	24	19	14	13	773		
	SEP	10	3	6	3	10	0	0	NA	NA	150	NA	NA	30	19	16	4	782		
	OCT	18	3	6	5	15	0	0	11	9	81	3	0	24	33	55	13	772		
	NOV	7	4	8	6	14	0	0	8	6	50	2	0	31	27	20	11	646		
	DEC	9	4	5	2	5	0	0	5	6	34	0	0	23	27	6	3	399		
2007	Total	146	35	57	41	137	3	1	89	86	542	9	0	359	331	220	85	10879		
	JAN	16	7	8	6	15	0	0	7	6	28	1	0	12	86	25	6	615		
	FEB	10	5	6	4	11	0	0	5	5	44	1	0	32	40	27	14	749		
	MAR	10	5	4	7	16	0	0	12	6	37	0	0	17	24	11	8	985		
	APR	11	5	8	7	11	0	0	NA	NA	34	NA	NA	31	29	28	13	666		
	MAY	11	3	2	3	7	0	0	11	11	13	1	0	16	24	23	22	445		
	JUN	20	2	2	5	8	0	0	17	11	31	10	0	18	23	16	12	622		
	JUL	22	5	3	5	8	0	0	11	15	34	0	0	26	26	21	2	749		
	AUG	13	2	5	4	6	0	0	6	3	24	1	0	23	31	43	2	611		
	SEP	15	4	6	7	8	0	0	29	25	9	0	2	14	23	27	10	621		
2008	Total	128	38	44	48	90	0	0	98	82	254	14	2	189	306	221	89	6063		



HEARING DOCKET: DECEMBER 2008

Docket Number	Cause Number	Applicant/Attorney or Representative	Application Received	Field Formation County	Matter	Remarks
11/3/2008						
0806-EX-04	139	Noble Energy, Inc./ Michael J. Wozniak	04/18/2008	Rulison Mancos/Iles Garfield	Request for an order allowing an exception to the permitted location for the Mancos Formation at a bottomhole location of 150 feet FSL and 440 feet FWL and the Iles Formation to be produced at a bottomhole location of 184 feet FSL and 440 feet FWL in the Cotner 35-14D Well located in the SW¼, SW¼ of Section 35, Township 7 South, Range 96 West, 6th P.M.	Protest filed by EnCana Oil & Gas (USA) and the BLM Application amended and continued from June, July, August and September and October
0809-GA-01	1	Colorado Board of Parks and Outdoor Recreation/ Timothy J. Monahan	12/05/2007	Adams	Request for an order to designate Barr Lake State Park as a Designated Outside Activity Area.	James Alexander, Alexander Energy Company, HRM Resources, Texas American Resources Company and Sovereign Energy LLC., Noble Energy, Inc., and Anadarko Petroleum Corporation Continued from October
0809-UP-20	407	Petroleum Development Corporation/ Scott Campbell/Nick Swartzendruber	08/04/2008	Wattenberg Sussex, Shannon, Codell-Niobrara, "J" Sand, Dakota Weld	Request for an order to vacate 80-acre drilling and spacing units established in Order No. 407-87 and establish a 320-acre drilling and spacing unit consisting of the W½ of Section 10, Township 5 North, Range 63 West, 6th P.M., and to pool all nonconsenting interests in the unit.	Continued from October



0810-AW-31	191	Bill Barrett Corporation/ William A. Keefe	09/08/2008	Mamm Creek Williams Fork/iles Garfield	Request for an order to allow the equivalent of one well per 10 acres, with the permitted well to be located no closer than 100 feet from the unit boundary for the W $\frac{1}{2}$ NW $\frac{1}{4}$ of Section 21, Township 6 South, Range 91 West, 6th P.M.	Continued from October
0810-AW-32	112	BP America Production Company/ Michael J. Wozniak/Susan L. Aldridge	09/08/2008	Ignacio-Blanco Fruitland coal seams La Plata	Request for an order to allow up to four optional wells in certain 320-acre drilling and spacing units, with the permitted well to be located no closer than 660 feet from the unit boundary and with no setback to any interior quarter section line, for certain lands in Townships 34 and 35 North, Ranges 6 through 8 West, N.M.P.M.	Intervention filed by La Plata County Continued from October
0810-AW-33	112	BP America Production Company and Red Willow Production Company/ Michael J. Wozniak/Susan L. Aldridge	09/08/2008	Ignacio-Blanco Fruitland coal seams La Plata and Archuleta	Request for an order to allow up to four optional wells in certain 320-acre drilling and spacing units, with the permitted well to be located no closer than 660 feet from the unit boundary and with no setback to any interior quarter section line, for certain lands in Township 32 North, Ranges 5, 6 and 9 West, N.M.P.M. and Township 34 North, Ranges 6 and 7 West, N.M.P.M.	Intervention filed by La Plata County Continued from October
0812-AW-34	112	Chevron Midcontinent, L.P. and Four Star Oil and Gas Company/ William A. Keefe	10/10/2008	Ignacio-Blanco Fruitland coal seams La Plata	Request for an order to allow up to four optional wells in certain 320-acre drilling and spacing units, with the permitted well to be located no closer than 660 feet from the unit boundary and no closer than 130 feet to any interior quarter section line, for certain lands in Township 34 North, Ranges 8 and 9 West, N.M.P.M. and Township 34.5 North, Range 9 West, N.M.P.M.	
0812-AW-35	139 & 440	Laramie Energy II, LLC/ William A. Keefe	10/09/2008	Rulison & Parachute Williams Fork/iles Garfield	Request for an order to allow the equivalent of one well per 10 acres, with the permitted well to be located no closer than 100 feet from the unit boundary for the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 22, Township 7 South, Range 95 West, 6th P.M.	
0812-SP-25	139	Laramie Energy II, LLC/ William A. Keefe	10/09/2008	Rulison Williams Fork/iles Garfield	Request for an order to vacate the 320-acre drilling and spacing unit consisting of the W $\frac{1}{2}$ of Section 21, Township 6 South, Range 93 West, 6th P.M., and establish an approximate 80-acre laydown drilling and spacing unit consisting of the N $\frac{1}{2}$ NW $\frac{1}{4}$ of said Section 21, and allow one well per 10 acres, with the permitted well to be located no closer than 100 feet to the unit.	



0812-SP-26	191	Antero Resources Piceance Corporation/ William A. Keefe	10/10/2008	Mamm Creek Williams Fork/lies Garfield	Request for an order to vacate the approximate 186.3-acre drilling and spacing unit and establish an approximate 154.36-acre and an approximate 36.845-acre drilling and spacing unit, and allow one well per 10 acres, with the permitted well to be located no closer than 100 feet to the unit for certain lands in the N½ of Section 12, Township 6 South, Range 93 West, 6th P.M.	
0812-UP-37	191	Antero Resources Piceance Corporation/ William A. Keefe	10/10/2008	Mamm Creek Williams Fork/lies Garfield	Request for an order to pool all nonconsenting interests in the approximate 154.36-acre drilling and spacing unit for certain lands in the N½ of Section 12, Township 6 South, Range 93 West, 6th P.M.	
0812-GA-04	1	Staff Recommendation	10/24/2008	Routt	AOC-Bond claim for the Baiel #2 domestic gas well located in the NE¼ SE¼ of Section 25, Township 5 North, Range 88 West, 6th P.M.	