



Staff Report

January 13, 2009

I. STATISTICS

- ◆ Our monthly statistics report is attached. For the year 2008, there were 8,027 Applications for Permits-to-Drill ("APDs") approved. This represents a 26% 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 are:

County	2008 (% of Total)	2007	2006	2005
Garfield	2888 (36%)	2550 (40%)	1844 (31%)	1508
Weld	2340 (29%)	1527 (24%)	1418 (24%)	901
Yuma	545 (7%)	541 (8%)	798 (14%)	782
Mesa	501 (6%)	293 (5%)	265 (4%)	136
Rio Blanco	477 (6%)	321 (5%)	360 (4%)	161
La Plata	328 (4%)	251 (4%)	235 (4%)	117
Las Animas	303 (4%)	362 (6%)	500 (8%)	413
State Total	8,027	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 December 31, 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	7,974	4,741 (59%)	3,233 (41%)	2,152 (27%)	1,081 (14%)	1,075 (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 have 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 last meeting of the Forum took place on December 4, 2008, at the Garfield County Fairgrounds in Rifle. The next meeting is scheduled for March 5, 2009.

All parties wishing to be placed on the meeting agenda should contact Chris Canfield by fax 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.

◆ Rulison Area

The 3 operators that currently hold most of the oil and gas leases within 3 miles of the Project Rulison test site, Noble Energy, Inc., Williams Production RMT, and EnCana Oil & Gas (USA), Inc. and a third-party consultant, URS Corporation (URS), have developed the Rulison Sampling and Analysis Plan (RSAP), a comprehensive operational and environmental monitoring, and radiological incident management plan for drilling and production activities within a 3-mile radius of the test site. The RSAP will be modified as necessary as additional data are collected. The COGCC staff met with the operators on November 19, 2008, to discuss possible revisions to the RSAP. The current RSAP (Revision 2.0) and all other documents related to Project Rulison and activities are available on the COGCC website, within the Library section under Piceance Basin Area Reports/Data. In addition, the Second 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 under Library, Piceance Basin.

Quarterly meetings among COGCC and the Colorado Department of Public Health and Environment (CDPHE), the U.S. Department of Energy (DOE), and the federal Bureau of Land Management (BLM) are conducted to review oil and gas activities in the area and to discuss the results of monitoring by industry and the DOE. The last meeting was held on December 3, 2008.

On December 18, 2008, Grand Valley Citizens' Alliance, Cary and Ruth Weldon, Wesley and Marcia Ken, and Western Colorado Congress filed suit against the COGCC and EnCana Oil & Gas (USA), Inc. (EnCana). The complaint alleges that the COGCC and its Director, violated the Oil and Gas Conservation Act (CRS § 34-60-105 (1)) and the Colorado Administrative Procedure Act (CRS § 24-4-101 et seq.) when they denied plaintiffs' request for a hearing on 5 of EnCana's applications for permits-to-drill (APDs) within the Rulison area. Plaintiffs seek



declaratory relief that the Oil and Gas Conservation Act and the Colorado Administrative Procedure Act entitle them to a hearing before the COGCC on EnCana's APDs. They request injunctive relief restraining EnCana from pursuing development associated with the APDs and restraining COGCC staff from approving development associated with the APDs. Plaintiffs also request an order compelling the COGCC to hold a hearing on EnCana's APDs prior to approval.

The complaint is Case No. 08CV10869 in Denver County District Court (Second Judicial District, State of Colorado). Pursuant to CRS § 34-60-105 (3), the Colorado Attorney General's office will handle the lawsuit on behalf of the COGCC and its Director.

◆ Rio Blanco Area

Project Rio Blanco was the second and final underground nuclear blast conducted by the Atomic Energy Commission, the predecessor to the U.S. 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 among 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. Methane in the groundwater continues

to decline slowly with only one well exhibiting concentrations above 10 mg/L, the south well at 10.5 mg/L. The reports of ongoing activities are available on the COGCC website Library www.colorado.gov/cogcc, Library, San Juan Basin\ Bondad). Another round of water well sampling will be scheduled in late January or February 2009.

◆ Gas and Oil Regulatory Team (GORT) Meeting

The GORT/Southwest Colorado Oil and Gas Stakeholders meeting was held on December 11, 2008, in Durango, Colorado. Presentations were given on the status of rulemaking, regional projects and the 4M Archuleta County Monitoring and La Plata County Mitigation studies. A special thanks to XTO and Martin Nee who provided a hands-on demonstration of infra-red camera technology and its use in identifying methane gas leaks/flow.

The next GORT/Southwest Colorado Oil and Gas Stakeholders meeting is scheduled for March 19, 2009, at 8:30 am at the La Plata County Fairgrounds in Durango, Colorado.

All parties wishing to be placed on the next meeting agenda should contact Karen Spray at 970-259-1619 or karen.spray@state.co.us. Demonstrations of new technology or unique solutions to problems are always well received.

◆ 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 are 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. A draft of the final map and report will be provided to COGCC staff for review.

The contract ending date has been extended so the CGS could continue work on the project after December 31, 2008. The revised project completion date is anticipated to be February 28, 2009. An abstract summarizing the project coauthored by Chris Carroll (CGS), Steve Lindblom (COGCC), Dr. David Gonzales (Ft. Lewis College) and Dr. Gary Gianinny (Ft. Lewis College) was submitted to the American Association for Petroleum Geologists (AAPG) for presentation at the annual meeting in 2009.

Drilling and installation of monitoring wells for the 4M Project in Archuleta County began on September 27, 2008. Supervision of field activities and interpretation of field data are being performed by a COGCC consultant with assistance from COGCC staff. The COGCC project manager is using COGCC staff from the Environmental, Engineering, and Information Technology groups, all with backgrounds in geology and engineering, to assist in the field oversight of the project. The CGS has also been an active participant in the drilling program.

Six monitoring wells have been installed at 3 well sites located in Sections 4 and 14U, Township 34 North, Range 5 West, and in Section 30, Township 34 North, Range 4 West. Core samples were collected from selected coal intervals and adjacent strata. Samples of coal are undergoing laboratory analysis to

determine gas content, gas composition, isotopic ratios, and other parameters.

At each location, 2 wells were constructed and were perforated across distinct coal intervals to monitor reservoir pressure in multiple intervals in the Fruitland Formation. At the Wagon Gulch location in Section 4, Township 34 North, Range 5 West, perforations in the first and second wells (MW-1 and MW-2) spanned intervals from 752 to 767 feet below ground surface (bgs) and from 821 to 833 feet bgs, respectively. At the Fosset Gulch location (Section 14U, Township 34 North, Range 5 West), MW-1 was perforated from 479 to 499 feet bgs while MW-2 was perforated across 2 coal intervals: 525 to 534 feet bgs and 548 to 551 feet bgs. The Highway 151 location in Section 30, Township 34 North, Range 4 West, was perforated and developed during the week of November 16, 2008. Monitored intervals will include 218 to 222 feet bgs, 231 to 241 feet bgs, 268 to 277 feet bgs, and 293 to 302 feet bgs, all of which correspond to coal zones interpreted from observations of drill cuttings, drilling characteristics, and geophysical logs.

Monitoring wells were developed after perforating to enhance communication between the monitoring well and the reservoir. None of the wells perforated and developed produced significant formation water during drilling or development.

Prior to monitoring well completion and development, COGCC staff arranged for Four Corners Geoscience to collect samples from nearby water wells to establish shallow water quality conditions in the area. These samples are currently undergoing laboratory analysis.

Souder Miller Associates served as the general contractor and provided field services. Scorpion Drilling provided and operated the drilling rig and used a closed loop system to minimize surface impacts. Cuttings were contained in a steel tank and then transferred to a lined drying area prior to burial onsite. Fluids used during drilling were transported offsite for disposal at a commercial disposal facility.



Pressure monitoring devices were installed during the week of December 1, 2008. Pressure transducers were installed at the well head and below the deepest perforated interval in each well. Pressure data are being collected at 8-hour intervals and being transmitted via satellite to the InSitu, Inc. data management system in Fort Collins where COGCC staff are able to access the data over the Internet.

Due to costs, budget, seasonal timing and expected surface impacts, 3 of the six sites initially proposed will not be drilled during this phase of the study. The sites not completed during the fall 2008 field program are those in Deep Canyon in Section 32, Township 34 North, Range 4 West, 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.

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. Installation of the subsurface systems at South Fork Texas Creek (SFTC) and Pine River Ranches began on October 17, 2008, and field installation activities concluded on October 31, 2008. Interim reclamation, consisting mostly of reseeding, was delayed due to snowfall and muddy ground conditions in early November, but was completed in mid-November.

The system at SFTC consists of 3 separate gas collection systems that are routed to a centralized equipment pad where the treatment/combustion shed and equipment will be housed. A significant amount of gas was encountered during installation and it is anticipated that the pilot test should be successful. The PRR system consists of multiple linear gas collection trenches that are also routed to a centralized equipment pad. In early December 2008, the COGCC identified and notified the mineral owners of record for both properties about the gas mitigation pilot project. Surface equipment is on order and installation will proceed once it is received. Testing of the systems will proceed throughout

the winter and into 2009.

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 December 10, 2008, to download data from the data loggers and perform routine maintenance. All monitoring locations were determined to be in good condition; however a small leak was identified on one of the South Fork Texas Creek wells. To ensure proper data collection, this leak will need to be repaired in the spring when the well can be accessed by truck. A new wellhead and telemetry equipment will be installed. The December 2008 monitoring report will be posted to the COGCC website www.colorado.gov/cogcc, Library, San Juan Basin, 3M Project Reports) when it has been reviewed and finalized.

◆ Northern San Juan Basin Technical Advisory Group

Steve Lindblom and Karen Spray have been participating in the Northern San Juan Basin Groundwater Model Technical Advisory Group (NSJB TAG). The NSJB TAG consists of experts in hydrogeology, groundwater modeling, geology, and water resources from industry, the Colorado Geological Survey, the COGCC, the Colorado State Engineers Office, and the Colorado School of Mines. The NJSB TAG has been meeting on a monthly basis since June 2008 to discuss technical issues related to a numerical groundwater model for the Northern San Juan Basin being developed by Norwest Applied Hydrology on behalf of several operators.



IV. NORTHEAST COLORADO

◆ Land Application of Water-Based Bentonitic Drilling Fluids

The COGCC continues to receive complaints regarding exploration and production (E&P) waste management, often associated with land application of water-based bentonitic drilling fluids. A large number of these complaints are located in Weld County. Although in many instances the land application has been performed in accordance with COGCC rules, there have also been several instances where violations were documented. As a reminder, oil and gas operators are allowed to use land application as a disposal method for water-based bentonitic drilling fluids in accordance with COGCC Rule 907d.(3), which outlines several requirements for proper application. Drilling fluids can only be applied as a beneficial amendment and no more than 3 inches thick prior to incorporation into native soils. The application of drilling fluids cannot result in concentrations of contaminants above the COGCC allowable levels presented in Table 910-1. Application needs to be done in a manner to prevent ponding or erosion.

In some cases drilling fluids have been applied to sloping agricultural areas where storm events caused the fluids to migrate onto adjacent properties or into waterways, which is a violation of COGCC Rules. In addition, drilling fluids should be incorporated into the native soils as soon as practicable. Operators retain responsibility for the land application of drilling fluids, even in cases where agreements between contract haulers and landowners have been made. Another common oversight in these cases is the surface owner approval requirement. Operators are required to obtain written authorization from the surface owner prior to land application. Other associated problems often include trucks tracking drilling fluids onto public roads from land application sites.

In addition to common land application violations, there are often waste generator violations associated with these complaints. In accordance with COGCC Rule 907.b.(2),

generators of E&P waste are required to maintain copies of each invoice, bill or ticket and such other records as necessary to document waste transportation and disposal. Specifically, the date of transport, identity of the waste generator and transporter, location of waste pickup site, type and volume of waste, and name and location of the treatment or disposal site are required. If land application is used as a disposal method for drilling fluids, the operator must have waste generator documentation for every load of drilling fluid applied at a given location.

While land application of water-based bentonitic drilling fluids continues to be a viable disposal alternative, operators are encouraged to review the COGCC 900 Series Rules regarding E&P waste management. Operators should also be aware that the Final Amended Rules include several changes regarding E&P waste management. For example, after April 1, 2009, drilling fluids can still be applied as a beneficial soil amendment, but lining of stock ponds and irrigation ditches will no longer be allowed. There is also a requirement to incorporate the drilling fluids into native soils within 10 days of application. Regarding waste transportation and disposal, documentation will need to be maintained for not less than 5 years. These are just a few examples of relevant changes. The Final Amended Rules are available on the COGCC website at www.colorado.gov/cogcc.

V. SOUTHEAST COLORADO

◆ Methane Investigation Monitoring, and Mitigation Plan (MIMMP) - Huerfano County

Phase 1 Update

One monitoring well, 4 recovery, and 8 injection wells have been drilled, completed and tested by Petroglyph Energy Inc. (PEI) as part of Phase 1 of the MIMMP. The pipelines for transporting the recovered fluids to the treatment area have been installed and tested. Separate pipelines that will transport recovered water from the separator area to the injection wells have also been installed. Treatment under Phase 1 consists of physically



separating dissolved methane from the recovered ground water using a vertical separator. The methane will be sent to a controlled flare for combustion. The flare has been installed and is operational.

Operation of the pump, treatment, and injection system started on December 8, 2008, and ran intermittently during the first week. Peter Gintautas provided a brief update on the initiation of the system to the Huerfano County Commission on December 17, 2008. PEI provided public notice prior to start up of the injection system by newspaper, direct mailing, and hand delivery.

PEI has applied to the federal Bureau of Land Management (BLM) for permission to drill an exploratory well in the vicinity of the impacted water well located in Section 15, Township 29 South, Range 67 West, 6th P.M. This impacted water well is located more than one mile south of the ring of injection wells. The exploratory hole will assist in determining if gas is present, at what level the gas occurs and whether additional venting or treatment is needed at that location. The current date for a BLM decision on the well is not known.

Gas flows are monitored at 4 domestic wells by PEI or its consultant, and at 2 domestic wells by COGCC and its consultant. Overall gas flow has decreased in all monitored domestic wells.

During the period from November 3, 2008, to December 15, 2008, NAH and PEI screened 66 domestic water wells for the presence of methane with hand held methane detectors for changes in percent volume of methane, %LEL, and %O₂; 44 of the monitored wells showed little change from the previous month's monitoring, 13 wells showed increases in methane concentration, 9 wells showed decreases in methane concentration.

Mitigation

PEI is currently supplying water to 15 homes upon request of the well owner. Methane alarms have been installed in 14 homes.

VI. ORGANIZATION

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

◆ Fiscal Year 2009-10 Budget Request

The Department of Natural Resources submitted its Fiscal Year 2009-10 budget request to the General Assembly on November 1, 2008. Included in the request is a decision item for 4 additional full-time employees and 2 contractors for the COGCC's information management section. The total cost of this request, which includes one production analyst, one imaging system administrator, and 2 records technicians is \$246,154 in FY 2009-10 and \$225,242 in FY 2010-11. The source of funding is the Oil and Gas Conservation and Environmental Response Fund.

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

The COGCC deliberated and unanimously adopted the Final Amended Rules at its hearing on December 9 through December 11, 2008. The Final Amended Rules and the Final Statement of Basis and Purpose have been posted on the COGCC website at www.colorado.gov/cogcc, under Public Announcements on the homepage.

On December 11, 2008, the COGCC also adopted an Interim Policy for applications for permits-to-drill (APDs). The policy covers APDs submitted during the interim period between January 5, 2009, and the effective date of the Final Amended Rules (*i.e.*, April 1, 2009, for non-federal lands, and May 1, 2009, for federal lands). The policy requests operators to identify whether each APD submitted during the interim period falls within one or more of the following areas: (1) drinking water protection area; (2) restricted surface occupancy area; (3) sensitive wildlife habitat area; and (4) riparian areas. The protected areas are identified on maps found on the COGCC website, and there is a tutorial for



navigating the maps and plotting the location of APDs.

If an APD falls within a drinking water protection area, the COGCC staff will notify the Colorado Department of Public Health and Environment (CDPHE). If an APD falls within a restricted surface occupancy area, a sensitive wildlife habitat area, or a riparian area, the COGCC staff will notify the Colorado Division of Wildlife (CDOW). Each respective sister agency will have an opportunity to review the relevant APDs and provide recommended conditions of approval prior to the COGCC Director's approval of the APD.

The Interim Policy, the certificate of compliance that should be attached to each APD submitted during the interim period, and the tutorial for using the maps are found on the COGCC's website homepage: www.colorado.gov/cogcc.

◆ Colorado Ground Water Quality Protection Council - 4th Quarterly Meeting 2008

The COGCC is a member of the Ground Water Quality Protection Council (GWQPC), which is composed of implementing agencies under Senate Bill 181 (SB 181, enacted in 1989 as CRS §25-8-202(7)). Other agencies include the Colorado Department of Public Health and Environment (CDPHE), the Division of Water Resources (DWR), the Colorado Department of Agriculture (CDA), the Office of Public Safety (OPS), and the Department of Reclamation, Mining and Safety (DRMS). The GWQPC meets quarterly to discuss various water quality issues and topics that affect all the SB 181 implementing agencies. The 4th Quarterly meeting of 2008 was held on December 12, 2008, at the COGCC offices. Bob Chesson represented the COGCC staff. Topics discussed included:

- Potential legislation for 2009 that would designate the Ground Water Commission (GWC) of the State Engineer's Office (DWR) as an SB 181 agency.
- Discussion of waste water re-use at man camps with respect to potential water rights issues (tributary vs. non-tributary

ground water) if the man camps use ground water as a water source.

- An update on the Water Quality Control Commission (WQCC) Triennial Review for Regulation No. 41 (Ground Water Basic Standards) including the possible need to form a work group to further clarify language in the regulation on point-of-compliance (POC). The information review hearing is scheduled for August 9, 2010, and the work group is tentatively scheduled to start in the spring of 2009 under the direction of the CDPHE.
- An update on DWR new monitoring well permit requirements.
- An update on the recently completed COGCC rulemaking including the proposed implementation dates.
- Open forum discussions

The next quarterly meeting of the GWQPC is scheduled for Friday, February 20, 2009, at 9:00 am in the COGCC Conference Room (1120 Lincoln Street, #801, Denver, CO 80203).

◆ 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 122 requests for onsite inspections.

Twenty-six onsite inspections have been conducted, 68 requests for inspections have been withdrawn, 2 onsite inspections are in the process of being scheduled, 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 122 requests for Onsite Inspection, 64 were for locations in Weld County, 24 for Las Animas County, 9 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

Page 15 shows a spreadsheet listing PAWR projects for Fiscal Year '08-'09 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).

◆ February 2009 Hearing Docket

A preliminary docket for the February 2009 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 the homepage of the COGCC website at: www.colorado.gov/cogcc.

◆ 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.

* 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. The annual statistics and the weekly/monthly statistics are available here.

* 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.

Three new map layers were added to the GIS Online main map in support of the Final Amended Rules approved in December 2008:

1. Wildlife Restricted Surface Occupancy (RSO) Areas
2. Sensitive Wildlife Habitats (SWH)
3. Rule 317B Surface Water Supply Area Buffers

These new map layers will be used to determine if a proposed drilling location is subject to the provisions of the new rules. In addition, a second map was added, entitled "Wildlife Map." The Wildlife map displays the wildlife species-specific RSO and SWH areas. The Wildlife map data were provided by Colorado Department of Wildlife (CDOW). Surface Water Supply area data were provided by Colorado Department of Public Health and Environment (CDPHE). The CDOW and CDPHE GIS staffs were very helpful regarding data requests.

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
In December 2008, 2 new search tools were added to the Help menu to be used in conjunction with the new map layers that were added for the Final Amended Rules.

The Oil & Gas Activity Notification Tool allows a user to enter a section-township-range of interest which returns a table identifying which quarter-quarter sections are subject to Rule 317B, Wildlife Restricted Surface Occupancy (RSO) Areas, and/or Sensitive Wildlife Habitats (SWH) requirements. The user can then click on a link which opens the map, and zoom to the section of interest for further inspection.

A second tool, the Map Temporary Coordinated Tool, allows the user to enter a latitude and longitude to view on the map. The user can then turn on the relevant map layers to see which layers intersect the enter coordinates.



A tutorial document for the COGCC Interim Policy for APDs is posted in the Help area and the homepage of the website. This document helps explain the interim process that the COGCC will be using for processing APDs until the Final Amended Rules take effect. Included in the document are explanations on how to use the new tools and map layers that have been developed for the Final Amended Rules.

The COGCC, with assistance from the Ground Water Quality 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://colorado.gov/cogcc/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.

➤ 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 Processors

This set of applications allows users 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 (GPS) 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. 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

Interim Policy for APDs

During December a number of training sessions were held at the COGCC office for the industry on this policy. The COGCC staff introduced the new map layers, along with the new Wildlife map that is now available. Additionally, some new tools were introduced to help industry in working through the changes that are underway in regards to filing APDs. Training sessions were also held for the staff members from the Division of Wildlife and the Department of Public Health and the Environment.

Rulemaking Activity Page

The Final Amended Rules have been published and posted to the COGCC's website homepage



at: <http://www.colorado.gov/cogcc>. The pages associated with rulemaking activity, including numerous documents filed, public comments, and audio recordings of the proceedings will soon be moving to the Library section of the website.

US Standard XML Reporting Project

The COGCC, the Ground Water Quality 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.colorado.gov/cogcc>. 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 COGIS and database applications. The COGCC, along with other states, is working with the Ground Water Quality 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 are 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 have 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 23, 2008, with the approval of the Application for Permit to Re-enter the Renegade State #1-16 Well located in the NW¼ NW¼ of Section 16, Township 20 South, Range 52 West in Kiowa County. The well location is an exception to Rule 318.a., as it is less than 600 feet from a lease line. The original well was permitted at a legal location. Modern survey techniques indicate that the original well was drilled at an exception location of 583 feet to the nearest mineral lease line with an encroachment of 17 feet. Renegade has obtained signed waivers from mineral interest owners representing 25% and verbal waivers representing 25% of the encroached-upon leasehold. Another 25% owner is choosing to ignore the request for a waiver, and the owner of the final 25% has not responded to 3 mailings and 3 phone calls.
- ◆ A variance under Rule 502.b. was granted on October 29, 2008, with the approval of the Application for Permit to Re-enter the Petrox Resources Mildred Wright #1 Well, located in the SE¼ NE¼ of Section 16, Township 33 North, Range 5 West in Archuleta County. This well is a sidetrack in the existing Mildred Wright #1 Well. The well location is an exception to spacing Order No. 112-85 which states:

"The units shall consist of the N½ and S½ or the E½ and W½ of a full section with the permitted well located, when north of the north line of Township 32 North, in the NW¼ and SE¼ of the section, and when south of the north line of Township 32 North, in the NE¼ and SW¼ 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 sidetrack is to be drilled entirely outside of the spacing window to take advantage of the cleating direction in the coal and the existing borehole. The operator has obtained waivers from 92.37% of the encroached-upon southern and eastern offset mineral holders. No negative responses have been received.

- ◆ EnCana Oil & Gas USA, Inc. (EnCana) made a verbal request on November 19, 2008, and subsequently submitted a Sundry Notice to COGCC staff on November 24, 2008. The request was for a variance to the compressive strength requirements of Rule 317.i. for the production casing cement on EnCana's Orchard Unit #10-11H (J100UB) Well. The Orchard Unit #10-11H (J100UB) Well is a horizontal well, which is located in the NW¼ of the SE¼ of Section 10, Township 8 South, Range 96 West, 6th P.M. This well has federal jurisdiction for surface and minerals.

EnCana's completions team was working with its cement vendor to design an alternative cement slurry which would mitigate against unexpectedly high breakdown pressures during fracturing operations in the horizontal leg of this well. Their design for a 15 pound per gallon acid soluble cement slurry did not meet the requirement of Rule 317.i., which specifies that production casing cement "shall be of adequate quality to achieve a minimum compressive strength of at least three hundred (300) psi after twenty-four (24) hours and eight hundred (800) psi after seventy-two (72) hours measured at ninety-five degrees fahrenheit (95°F) and at eight hundred (800) psi."

Based on laboratory testing, EnCana's proposed cement design managed to obtain 300 psi compressive strength in 28 hours, 47 minutes. The bottom hole temperature is estimated to be 248°F, and the slurry is retarded to give a 3-hour, 30-minute thickening time at 250°F. At 250°F, the proposed cement achieves a compressive strength of 1000 psi in under 8



hours. EnCana contends that none of the cemented interval will be exposed to temperatures less than $\approx 200^{\circ}\text{F}$.

COGCC staff granted verbal approval for the variance on November 19, 2008, and COGCC staff approved EnCana's Sundry Notice on November 26, 2008. COGCC staff concluded that EnCana's request complies with Rule 502.b.(1) for a variance to the cement requirements of Rule 317.i. EnCana contends that this requested variance will not violate the basic intent of the Oil and Gas Conservation Act. The Bureau of Land Management approved EnCana's cement change on November 20, 2008.

- ◆ A variance under Rule 502.b. was granted on December 9, 2008, with the approval of the Application for Permit to Drill the Petrox Resources Mildred Wright #1R Well, SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 16, Township 33 North, Range 5 West in Archuleta County. This well is a replacement well for the Mildred Wright #1 Well which was a re-entry attempt that was abandoned in December 2008 due to suspect mechanical integrity of the existing borehole. This re-drill well location is an exception to spacing 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 SE $\frac{1}{4}$ NE $\frac{1}{4}$ to the SE $\frac{1}{4}$ NW $\frac{1}{4}$ and 441 feet from the south line of the lay-down 320 N/2 unit. The operator obtained waivers for the re-entry of the Mildred Wright #1 from 94.95% of the southern and eastern offset mineral holders. No negative responses have been received. As the producing portion of the borehole will remain the same in the replacement well, the waivers are still in effect.



**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	DESCRIPTION
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.
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.
LA PLATA	PLUG.	DAVIE 1-22 ABANDONMENT	\$0	\$35,000	\$0	\$35,000	\$0	\$0	\$0	\$0	Plug and abandon leaking well.
MESA	PLUG.	DEBEQUE ORPHANS ABANDONMENT	\$0	\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0	Complaint. 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.
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	\$70,000	\$0	\$75,000	\$0	\$0	\$0	\$0	Landowner complaint. Plug and abandon well. Reclaim surface.
		TOTALS =>	\$25,000	\$280,000	\$120,000	\$425,000	\$0	\$0	\$0	\$0	
IN PROGRESS		ESTIMATED FYE2009 COSTS				ACTUAL FYE2009 EXPENDITURES				DESCRIPTION	
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 2009 to accommodate the surface owner's timing preferences.
LAS ANIMAS	PLUG.	TRINIDAD MGP #1 ABANDONMENT	\$0	\$7,500	\$90,000	\$97,500	\$0	\$348	\$57,488	\$57,836	Reclamation at Binkley #2 was completed on July 10, 2008. 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. Purchased security fence and installed a gate for access.
		TOTALS =>	\$30,000	\$7,500	\$90,000	\$127,500	\$3,048	\$348	\$57,488	\$60,884	
COMPLETED		ESTIMATED FYE2009 COSTS				ACTUAL FYE2009 EXPENDITURES				DESCRIPTION	
COUNTY	TYPE	PROJECT NAME	BOND	PAWR	SPECIAL	TOTALS	BOND	PAWR	SPECIAL	TOTALS	DESCRIPTION
MONTEZUMA	REC.	JOHN MCCORMICK #1 RECLAMATION	\$0	\$6,129	\$0	\$6,129	\$0	\$6,129	\$0	\$6,129	Re-contoured surface as a result of a landowner complaint. This location was formerly plugged and abandoned by COGCC.
		TOTALS =>	\$0	\$6,129	\$0	\$6,129	\$0	\$6,129	\$0	\$6,129	
			ESTIMATED				ACTUAL				
		GRAND TOTALS =>	\$55,000	\$283,629	\$210,000	\$558,629	\$3,048	\$6,477	\$57,488	\$67,013	

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

Updated December 19, 2008

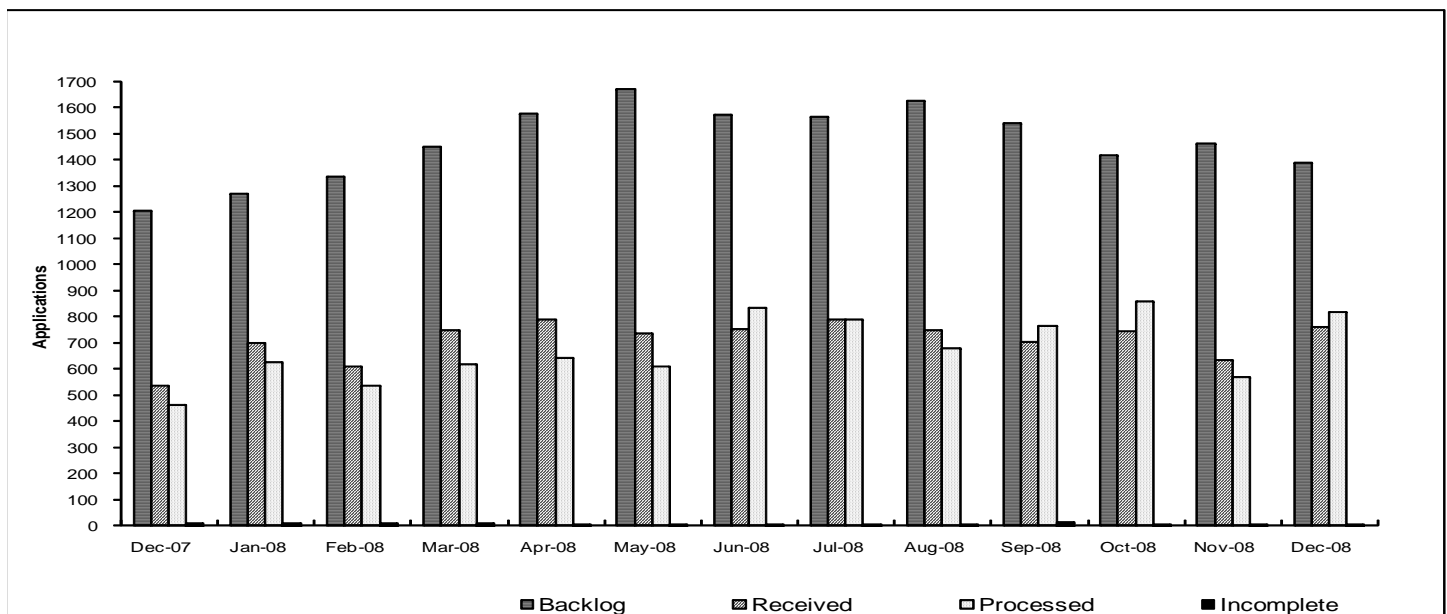


Colorado Oil & Gas Conservation Commission

Monthly Breakout of Drilling and Recompletion Permits

	Backlog	Received	Processed	Withdrawn	Rejected	Incomplete	In-Process	Remaining
Drilling								
Dec-07	1094	511	436	8	0	7	1154	1161
Jan-08	1161	677	608	9	0	5	1215	1221
Feb-08	1221	591	514	3	0	5	1289	1295
Mar-08	1295	734	601	16	0	7	1404	1412
Apr-08	1412	784	607	18	0	4	1566	1571
May-08	1571	688	587	33	0	2	1636	1639
Jun-08	1639	730	803	21	0	2	1542	1545
Jul-08	1545	759	774	8	0	2	1519	1522
Aug-08	1522	693	639	7	0	2	1566	1569
Sep-08	1569	681	709	23	0	8	1509	1518
Oct-08	1518	727	838	11	0	3	1394	1396
Nov-08	1396	607	558	16	0	1	1433	1429
Dec-08	1429	725	789	16	0	1	1348	1349
Recompletion								
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	21	55	1	0	1	20	22
Oct-08	22	16	18	2	0	0	18	18
Nov-08	18	23	7	2	0	0	28	32
Dec-08	32	32	26	0	0	0	38	38
Total								
Dec-07	1138	535	461	8	0	7	1197	1204
Jan-08	1204	697	625	9	0	5	1261	1267
Feb-08	1267	605	532	4	0	5	1330	1336
Mar-08	1336	747	617	16	0	7	1442	1450
Apr-08	1450	788	640	21	0	4	1572	1577
May-08	1577	735	607	34	0	2	1668	1671
Jun-08	1671	750	830	21	0	3	1566	1570
Jul-08	1570	787	786	8	0	3	1558	1563
Aug-08	1563	747	676	8	0	3	1621	1626
Sep-08	1626	702	764	24	0	9	1529	1540
Oct-08	1540	743	856	13	0	3	1412	1414
Nov-08	1414	630	565	18	0	1	1461	1461
Dec-08	1461	757	815	16	0	1	1386	1387

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



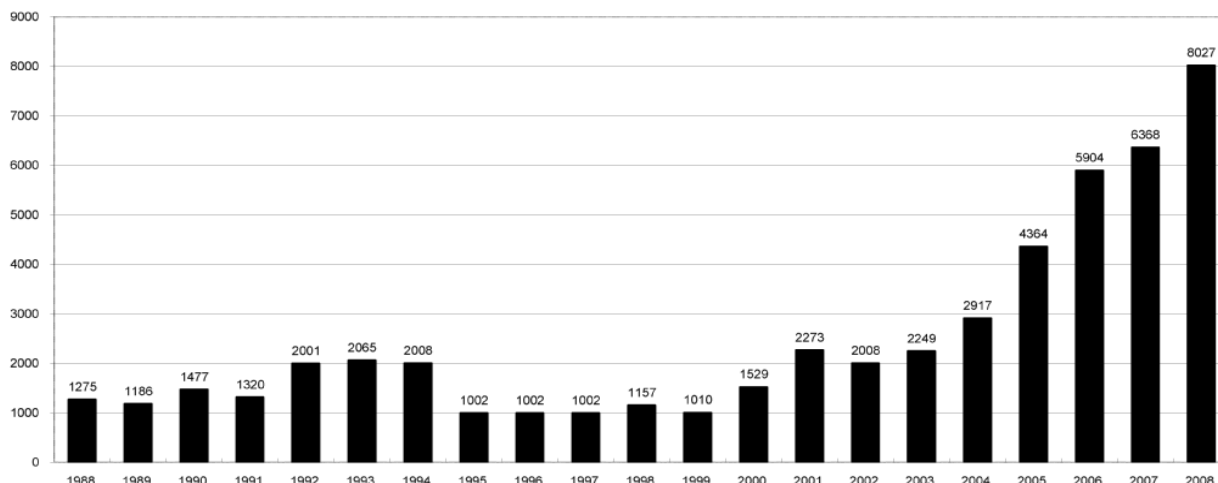
Backlog = Incomplete + In-process = Remaining permits from previous month



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	2008	
ADAMS	46	34	44	53	92	58	137	34	9	33	24	19	38	28	9	26	39	34	37	89	51	
ARAPAHOE	5	5	15	14	11	4	20	12	2	9	1	2	0	2	1	2	5	7	11	10	10	
ARCHULETA	8	5	18	5	2	1		3		3		1	7	9	6	10	8	13	14	26	47	
BACA	6	4	15	10	23	9	12	24	10	7	13	15	22	6	2	3	7	8	2	11	13	
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	32	
BROOMFIELD																7					2	
CHEYENNE	203	149	102	93	71	58	48	55	43	31	41	7	3	3	3	3	3	10	21	15	33	
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																						
FREMONT	9	5	6	7	1	2	2	1	2	1							1	3	2	4	14	
GARFIELD	19	66	111	36	18	56	143	78	109	141	95	130	213	353	362	567	796	1509	1845	2550	2888	
GRAND							1															
GUNNISON			2	2		1									5	10	1	9	19	7	10	
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	27	
JEFFERSON	1		4	2		1		1	1		1	2	1						1	3	2	
KIOWA	15	39	40	46	28	28	21	26	13	17	10	2	11	18	2	4	2	1	11	9	26	
KIT CARSON	9	5	7	8	8	15	26	11	7	6	9	5				1	3	5	4	4	13	
LA PLATA	302	218	388	128	120	40	40	20	71	40	82	107	127	156	104	162	102	115	235	251	328	
LARIMER	4	4	3	6	13	7	3		1	3	1		2		1					5	46	
LAS ANIMAS	10	30	36		9	32	95	134	136	195	195	268	400	259	180	332	413	500	362	303		
LINCOLN	8	6	4	7	7	11	8	9	3	2		2	2	1	6	3	4	1	2	58		
LOGAN	18	21	23	13	14	30	15	13	6	12	7		4	7	3	3	6	13	17	14	5	
MESA	1	12	29	20	22	2	22	6	11	10	2	6	13	27	30	27	54	136	265	293	501	
MOFFAT	13	25	27	19	40	52	43	40	41	28	21	15	35	52	62	63	63	60	120	68	57	
MONTEZUMA	6	7	10	8	7	11	15	9	13	5	4	1	4		5	8	8	11	5	12	22	
MONTROSE				1						1			1	3	2	4	2		1	3	3	
MORGAN	34	27	36	13	10	11	19	12	10	11	10	12	9	9	2	7	9	7	3	6	2	
OTERO				2																		
PARK				1								1										
PHILLIPS			3		1	1							1	2		7	13	17	12	69	82	
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	8	
RIO BLANCO	34	83	77	33	81	83	126	81	33	40	51	95	89	187	105	179	154	161	360	321	477	
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	4	
SAGUACHE	1							2					2		2					2	1	
SAN MIGUEL			2	2					1	1	4	2	11	13	27	18	42	45	35	23	20	
SEDGWICK				1				3								1	5	2	7	2	1	
WASHINGTON	40	29	23	28	24	26	25	12	19	26	18	3	23	17	27	34	128	50	69	45	11	
WELD	424	357	366	656	1224	1319	1030	254	305	285	392	288	509	702	760	757	832	901	1418	1527	2340	
YUMA	14	20	45	60	104	53	167	168	123	116	111	60	31	205	160	138	237	782	797	541	545	
Total	1275	1186	1477	1320	2001	2065	2008	1002	1002	1002	1157	1010	1529	2273	2008	2249	2917	4364	5904	6368	8027	

ALL COUNTIES





Colorado Oil Gas Conservation Commission Monthly Statistics

YEAR	MO	Baker - Hughes rig count	Permits						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				
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	677	17	20	0	4	5	12	34173	0	16	99	87783	686
	FEB	115	514	591	18	14	5	8	4	22	34341	0	27	106	80083	554
	MAR	118	601	734	16	13	3	5	11	3	34695	0	21	91	132081	616
	APR	123	607	784	33	4	10	13	9	12	35058	0	18	84	141191	577
	MAY	119	587	688	20	47	1	11	2	3	35390	0	16	98	123537	698
	JUN	108	803	730	27	20	6	2	8	51	35686	0	12	102	79732	637
	JUL	109	774	759	12	28	4	5	4	13	35978	0	12	82	75564	846
	AUG	116	639	693	37	54	2	1	96	15	36271	0	23	122	70750	671
	SEP	115	709	681	55	21	4	1	147	11	36516	0	21	143	67034	571
	OCT	116	838	727	18	16	3	3	38	5	36731	0	22	96	69574	477
	NOV	123	558	607	7	23	4	2	3	4	36987	0	17	161	60773	113
	DEC	104	789	725	26	32	0	1	1	27	37359	0	8	107	62871	943
2008	Total		8027	8396	286	292	42	56	328	178			213	1291	1050973	7389

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Colorado Oil Gas Conservation Commission Monthly Statistics

YEAR	MO	Operators		Release		Bonds		Claim		Hearings		Violations		Remediation		Field Insp		
		New	Inactive	Ind.	Blnkt	Ind.	Replace	Ind.	Blnkt	Apps.	Order	NOAV	AOC	OFV	Cmplt		Spills	Rcvd
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	29	1	0	12	86	25	6	617
	FEB	10	5	6	4	11	0	0	5	5	44	1	0	31	40	27	14	769
	MAR	10	5	4	7	16	0	0	12	6	37	0	0	17	24	11	8	997
	APR	11	5	8	7	11	0	0	NA	NA	37	NA	NA	31	29	28	13	790
	MAY	11	3	2	3	7	0	0	11	11	13	1	0	16	24	23	22	688
	JUN	20	2	2	5	8	0	0	17	11	31	10	0	19	23	16	12	728
	JUL	22	5	3	5	8	0	0	11	15	34	0	0	25	26	21	2	770
	AUG	13	2	5	4	6	0	0	6	3	24	1	0	22	32	44	2	635
	SEP	15	4	6	7	8	0	0	29	25	9	0	2	14	25	28	10	900
	OCT	11	2	6	4	8	0	0	5	3	25	0	0	7	26	9	2	804
	NOV	5	3	0	5	6	0	0	NA	NA	10	NA	NA	8	20	10	8	713
	DEC	9	1	0	2	3	0	0	6	7	11	2	0	21	26	9	13	653
2008	Total	153	44	50	59	107	0	0	109	92	304	16	2	223	381	251	112	9064

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HEARING DOCKET: February 2009

Docket Number	Cause Number	Applicant/Attorney or Representative	Application Received	Field Formation County	Matter	Remarks
01/08/2009						
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.	Protests filed by James Alexander, Alexander Energy Company, HRM Resources, Texas American Resources Company and Sovereign Energy LLC., Noble Energy, Inc., and Anadarko Petroleum Corporation Continued from January
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.	Continued from January
0812-SP-25	139	Laramie Energy II, LLC/ William A. Keefe	10/09/2008	Rulison Williams Fork/lles Garfield	Request for an order to vacate the 320-acre drilling and spacing unit consisting of the W½ of Section 21, Township 6 South, Range 93 West, 6th P.M., and establish an approximate 160-acre drilling and spacing unit consisting of the NW¼ 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.	Protest filed by Bureau of Land Management Continued from January Application amended



0901-SP-04	449	Direct Petroleum Exploration, Inc./ David R. Nelson	11/24/2008	Arapahoe Morrow Cheyenne	Request for an order to vacate 80-acre drilling and spacing units established in Order No. 449-7 and place the lands under Rule 318.a. for Section 33, Township 14 South, Range 42 West, 6th P.M.	Continued from January
0902-SP-07	474	Samson Resources Company/ Susan L. Aldridge	01/05/2009	Craig Niobrara Moffat	Request for an order to establish a 320-acre drilling and spacing unit consisting of the E½ of Section 5, Township 6 North, Range 91 West, 6th P.M., and allow one additional well, with the bottom hole location no closer than 660 feet to the outside boundary of the unit with no setback required to any interior quarter section line.	
0902-SP-08	474	Samson Resources Company/ Susan L. Aldridge	01/05/2009	Craig Niobrara Moffat	Request for an order to establish a 320-acre drilling and spacing unit consisting of the N½ of Section 8, Township 6 North, Range 91 West, 6th P.M., and allow one additional well, with the bottom hole location no closer than 660 feet to the outside boundary of the unit with no setback required to any interior quarter section line.	
0902-SP-09	474	Samson Resources Company/ Susan L. Aldridge	01/05/2009	Craig Niobrara Moffat	Request for an order to establish a 320-acre drilling and spacing unit consisting of the S½ N½ and N½ S½ of Section 15, Township 6 North, Range 91 West, 6th P.M., and allow one additional well, with the bottom hole location no closer than 660 feet to the outside boundary of the unit with no setback required to any interior quarter section line.	
0902-UP-02	112	Samson Resources Company/ Michael J. Wozniack/Susan L. Aldridge	01/05/2009	Ignacio-Blanco Fruitland coal seams Moffat	Request for an order to pool all nonconsenting interests in the 320-acre drilling and spacing unit consisting of the S½ of Section 12, Township 34 North, Range 7 West, 6th N.M.P.M.	