



Staff Report

December 12, 2011

I. STATISTICS

Our monthly statistics and permit activity report are on pages 16-24. These statistics include the permit and location assessment information previously included on the first page of the staff report.

II. NORTHWEST COLORADO

◆ Northwest Colorado Oil and Gas Forum

The Northwest Colorado Oil and Gas Forum (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 the COGCC's Director, Dave Neslin, and Garfield County Commissioner, Mike Samson.

The next meeting is scheduled for March 1, 2012, at 10:00 am. The venue will once again be the Colorado Mountain College – West Garfield Campus, 3695 Airport Road in Rifle, CO.

All parties wishing to be placed on the meeting agenda should contact Chris Canfield at 970-625-2497 or via email at: chris.canfield@state.co.us.

III. SOUTHWEST COLORADO

◆ Gas and Oil Regulatory Team (GORT) Meeting

The next GORT/Southwest Colorado Oil and Gas Stakeholders meeting is scheduled for January 19, 2012, 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.

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

Fruitland Formation Outcrop - 4M Pilot Scale Mitigation Projects La Plata County. The South Fork Texas Creek (SFTC) Mitigation system continued operation, but because of operational problems the system has been throttled back from 13kW to 11kW, which has resulted in more continuous generation of electricity. During the period October 1, 2011, through November 2, 2011, it operated approximately 87% of the time. In addition, coalescing filters were replaced, and a check valve and two additional control valves were installed prior to the turbine. Gas continues to be collected and vented at the Pine River Ranches (PRR) location. Methane concentrations currently average 99% at SFTC and less than 1% at PRR. Operations & Maintenance activities are continuing.

4M Monitoring Wells La Plata and Archuleta Counties. There are 17 wells at 11 locations in the COGCC 4M monitoring program. Well pressures are monitored remotely via satellite telemetry with one or two maintenance visits per year, depending upon data received. Periodic data transmission upsets have been less prevalent at the Beaver Creek, Wagon Gulch, and Deep Canyon locations than in the past. A surface use agreement that allowed access to the Beaver Creek Ranch locations was not renewed by the landowner and access to this site is currently restricted. COGCC staff are evaluating other potential access routes and are assessing the potential need to plug and abandon the wells should reliable access not be obtained. Discussions are ongoing.



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

COGCC staff continue to monitor groundwater from 4 domestic water wells in the vicinity of the plugged and abandoned Bryce 1-X in Bondad, Colorado. Sampling was conducted on October 12, 2011. Free methane concentrations in 3 of the wells showed decreases during this sampling event; however the north well recorded a notable increase. This has been observed before in the 10 years of data collection and will be further evaluated during the next sampling event. Linear trend analysis on major parameters (TDS, sodium, chloride, etc.) from each well indicates an overall decrease in concentration over time for most parameters. Repairs to the methane detection systems located inside the Bondad Fire Station were completed by LT Environmental on October 29, 2011. Two methane sensors were replaced and the new ones were successfully calibrated.

IV. NORTHEAST COLORADO

◆ New Raymer Gas Plant, Weld County

COGCC staff are working with an operator to remove equipment and reclaim an abandoned gas processing plant in northern Weld County. Water samples were collected for a broad range of constituents from a nearby water well in the fall of 2010 and no impacts were detected. COGCC staff visited the site on June 29, 2011, after most equipment was removed and collected several shallow soil samples. Subsequent field investigations were conducted on August 2, 2011, and August 22, 2011, to collect deeper soil samples using a direct push drilling rig and to collect samples for background arsenic determination. No impacts have been detected and a final inspection is pending for site closure.

◆ Other E&P Waste Disposal Options

COGCC staff recently identified numerous incidents involving the improper management of tank bottoms in northeast Colorado. Operators are reminded that tank bottoms, workover fluids, pigging wastes from gathering and flow-

lines, and natural gas gathering, processing, and storage wastes are considered "Other E&P Waste" and must be managed in accordance with Rule 907.f., which states that these types of wastes may be treated or disposed as follows:

- Disposal at a commercial solid waste disposal facility;
- Treatment at a centralized E&P waste management facility permitted in accordance with Rule 908;
- Injection into a Class II injection well permitted in accordance with Rule 325; or
- An alternative method proposed in a waste management plan in accordance with Rule 907.a.(3) and approved by the Director.

Neither the use of tank bottoms or other oily waste for stabilizing sandy or loose soils nor the intentional dumping of tank bottoms or other oily waste, which results in an impact to site soils, are acceptable land treatment alternatives. However, land treatment of oily waste is allowed by Rule 907.e. with certain requirements set forth in Rule 907.e.(2).

◆ Baseline Water Quality Sampling

COGCC environmental staff responded to, or are in the process of responding to, requests for baseline water quality sampling in Elbert, Douglas, Rio Grande, and Weld Counties. These requests are being tracked as complaints in the COGCC database under the baseline sampling request category. Staff also provided concerned landowners with information about the COGCC permitting and regulatory process, as well as an overview of the current level of activity in the area.

As of November 18, 2011, there is one approved permit in Elbert County for a vertical well in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 10, Township 6 South, Range 64 West, and one pending permit in Rio Grande County in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 24, Township 39 North, Range 5 East. There are no pending or approved permits in Douglas County.



A written report summarizing the results of the analyses of baseline water sampling in Elbert and Douglas Counties from the Dawson and Denver aquifers will be prepared and placed in the Library section of the COGCC website.

V. SOUTHEAST COLORADO

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

Petroglyph Energy Inc. (PEI) has completed plugging their CBM wells in Huerfano County.

Phase 2 Operations

PEI shut down operations of the Phase 2 reinjection system in September 2011. PEI reached agreements with 4 landowners on installation of methane mitigation systems at the landowners' homes as was approved at the September 2011 hearing.

VI. ORGANIZATION

The Field Inspection Unit is pleased to announce 2 new Engineering Field Technicians. **John Montoya** has more than 20 years of oil and gas experience including drilling, well completions, lease operations, and overseeing production operations. He worked throughout Colorado with extensive specific experience in the Wattenberg Field. **Mike Hickey** has a degree in petroleum engineering and provided consulting services to petroleum clients in permitting, field inspections, implementing storm-water requirements, and remediation of Notification of Alleged violations. Mike has experience working in land acquisition and development. Mike and John started on December 1, 2011, and work in the Northeastern Region reporting to Jim Precup.

An organizational chart can be found on pages 12-14. For contact information, please go to our website and click on "Contacts" on our homepage, and then "Staff Contact Information."

VII. PLANNING/ADMINISTRATION/OTHER

◆ Consultations with the Colorado Division of Wildlife and the Colorado Department of Public Health and Environment

According to Rule 306.c.(1), the Commission must consult with the Colorado Division of Wildlife (DOW) (now Colorado Parks and Wildlife) when: 1) an operator requests a modification of an existing Commission order to increase well density to more than one well per 40 acres; 2) a consultation is required in accordance with the 1200-series rules; 3) an operator requests a variance from a provision in the 1200-series rules; or 4) if DOW requests a consultation due to the presence of a federally listed threatened or endangered species. Correspondence regarding wildlife consultation should be submitted to:

Dean Riggs
Assistant Regional Manager - Northwest Division
711 Independent Avenue
Grand Junction, CO 81505

Similarly, Rule 306.d.(1)B requires the Commission to consult with the Colorado Department of Public Health and Environment (CDPHE) when an operator requests a modification of an existing Commission order to increase well density to more than one well per 40 acres. Operators should direct all documents submitted in this regard to:

Kent Kuster
Oil & Gas Consultant Coordinator
CDPHE
4300 Cherry Creek Drive South
Denver, CO 80246-1500

◆ Public Outreach Opportunities

On October 18, 2011, Debbie Baldwin, Environmental Manager, and Peter Gintautas, Southeast Colorado Environmental Protection Specialist, participated in a scientific workshop on the potential effects of natural gas development on water and air in the west. The workshop was co-hosted by CU's Colorado Water and Energy Research Center and CSU's Colorado Water Institute. The goal of the workshop was to bring together researchers from diverse



background to discuss sampling and analytical methods and screening tools, discuss gaps in the scientific understanding of the subject, and network on current and future projects. Debbie and Peter presented information about the COGCC's role in implementing the water quality standards established by CDPHE - WQCC and investigating complaints alleging impacts to water resources from oil and gas operations, including fracturing.

On October 26, 2011, Dave Neslin, Director, participated in a panel on the Role of Regulations at CSU's Natural Gas Symposium.

On October 27, 2011, Dave Neslin met with the County Commissioners for El Paso County to discuss COGCC regulation of oil and gas development.

On November 1, 2011, Dave Neslin participated in a panel on hydraulic fracturing for the City Club of Denver. And on November 2, Dave Neslin participated in a panel on hydraulic fracturing for a League of Women Voters meeting in Arapahoe County.

Dave Neslin, Thom Kerr, Technical Services Manager, Debbie Baldwin, Stuart Ellsworth, Engineering Manager, and Margaret Ash, Field Inspection Manager, gave a presentation on hydraulic fracturing to approximately 20 Colorado legislators on November 2, 2011.

Dave Neslin gave a presentation on the COGCC to the Colorado Petroleum Association on November 3, 2011.

On November 8, 2011, the COGCC staff met with CDPHE - WQCC Commissioner Chris Wiant, Steve Gunderson, WQCD Director, other representatives of the WQCD, and Kent Kuster, oil and gas liaison, to discuss a variety of topics related to oil and gas development in the state. A member of the COGCC Commission is needed to volunteer to participate in these quarterly meetings.

Dave Neslin, in Denver, met with representatives of the Marcellus Roundtable to discuss oil and gas regulation on November 11, 2011.

Dave Neslin participated in a Natural Gas Roundtable with members of the House of Representatives Energy and Commerce Committee on November 14, 2011.

On November 15, 2011, Debbie Baldwin and Jim Precup, Northeast Inspection Supervisor, participated in a public meeting of the Longmont City Council. Debbie presented an overview of the COGCC's role in regulating oil and gas operations, introduced the group to the COGCC website and the information that is accessible using this tool, and explained how water resources are protected, how impacts are remediated and mitigated, and how allegations of impacts are investigated. More than 150 people attended this meeting. On December 7, 2011, Debbie and Jim also participated in a similar meeting that included many of the Longmont City Council's Advisory Boards.

Dave Neslin attended a meeting of the Arapahoe County Planning Commission on November 15, 2011.

Also on November 15, 2011, Dave Neslin gave a talk on oil and gas development to the Natural Resource Section of the Colorado Bar Association.

On November 17, 2011, Dave Neslin participated in a Rocky Mountain Mineral Foundation program on hydraulic fracturing in Denver.

Thom Kerr participated in a meeting in Elbert County regarding pooling and spacing on November 18, 2011.

Dave Neslin, Thom Kerr, Stuart Ellsworth, Margaret Ash, Wendy Schultz, Financial Manager, and Peter Gowen, Acting Hearings Manager, met with a delegation of Jordanian oil and gas officials in Denver on December 1, 2011.

On December 2, 2011, Debbie Baldwin and Jim Precup participated in a public meeting of the City and County of Broomfield. Debbie's presentation was similar to those made in Longmont.

Dave Neslin, Thom Kerr, Debbie Baldwin, Stuart Ellsworth, and Margaret, had a meeting with the General Accounting Office on December 6, 2011.



On December 6, 2011, Kris Neidel, Northwest Field Inspector, met with the Routt County Planning Commission.

Stuart Ellsworth met with the Adams County Planning Commission on December 8, 2011.

◆ How Well Do You Know Your Water Well

The ever popular brochure *How Well Do You Know Your Water Well* has been updated and revised to include information about mitigating methane in water wells, current contact information for various agencies, and water well maintenance and record keeping. Water well owners are provided this useful brochure when water samples are collected from their wells by COGCC staff, operators, or third party contractors. The update project was initiated by COGA with support from the COGCC and cooperation of the Colorado Department of Public Health and Environment and the Department of Water Resources. Copies of the updated brochure have been provided to the COGCC Commissioners. An electronic version of the brochure is available in the Library section of the COGCC website.

◆ New Policy - COGCC Directional Survey Electronic Data Submittals

The COGCC has been working with industry and its IT developers to formulate a methodology to electronically report directional well bore locations. The tactic was to make the reporting process work for plans submitted at the time of permitting and for the final as-drilled survey data. The last stakeholder meeting was on October 26, 2011, and we went over the Internet reporting application, the standardized format, and the reporting and filing process. We have met and discussed this with industry engineering and regulatory representatives, the directional drilling companies, the data vendors, and agency IT staff.

With all of this accomplished, a new policy to require that all directional and horizontal well permits and completion reports include electronically submitted directional surveys and plans has been created and will go into effect January 1, 2012. This will allow mapping the

entire wellbore path, providing a more accurate picture of where these wells are being proposed and drilled. The new COGCC Policy for Electronic Submittal of Directional Surveys and Plans is available for download from the "POLICIES" page on the COGCC website.

◆ Onsite Inspection Policy

The COGCC has received a total of 146 requests for onsite inspections to date under the Policy For Onsite Inspections On Lands Where The Surface Owner Is Not A Party To A Surface Use Agreement Policy, effective for Applications for Permits-to-Drill (APDs) submitted after February 15, 2005.

Thirty-two onsite inspections have been conducted, while 97 requests for inspections have been withdrawn. Sixteen onsite inspections are pending and will be scheduled, if necessary, after the Application for Permit-to-Drill (APD) is received, or after issues related to local governmental designee consultation, location change, or surface use agreements are resolved.

Of the 146 requests for onsite inspection, 80 were for locations in Weld County, 26 in Las Animas County, 9 in Adams County, 7 in La Plata County, 5 in Garfield County, 3 each in Archuleta, Boulder, Logan, and Yuma Counties, 2 in Morgan County, and 1 each in Baca, Cheyenne, Kiowa, Larimer, and Washington Counties.

COGCC staff have attended on-site meetings to facilitate communication between the parties and to minimize impacts to the surface owner through voluntary measures implemented by the operator in instances where surface owners have requested Onsite Inspections beyond the 10 business-day window provided for in the Policy, and where there is a dispute between parties regarding the date of the Rule 306 consultation.

In addition to the Onsite Inspection Policy, onsite inspections are being conducted in the San Juan Basin under Cause 112, Order Nos. 156 and 157. These are cases where an Onsite Inspection was required because an APD was submitted without a surface use agreement.



◆ Plugging and Reclaiming Abandoned Wells (PRAW) - Project Status

On page 15 is a spreadsheet listing PRAW projects for Fiscal Year 2011-2012 that are planned (work has not yet commenced, awaiting cost estimates), in progress (bids have been solicited and some field work may have been performed), or completed.

◆ January 2012 Hearing Docket

A docket for the January 2012 hearing will be available shortly after the December hearing. 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")

COGIS is made up of many different components that are used by the COGCC, 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 COGCC, 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 COGCC 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 COGCC statute, Rules and Regulations, and policies.

* Policies

This page contains links to COGCC policies.

* Orders

This application provides searchable capability of the COGCC's orders. The search by location is still under construction as we create the map layers for all spacing orders.

* Forms

All forms 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

The Maps tab takes interested parties to the COGCC GIS Online page. From that page an Interactive map of the State of Colorado can be accessed by clicking on View Map. GIS specialists can also download GIS Shapefiles from a link on the GIS Online page. The COGCC is grateful to the many agencies that have contributed data to our GIS Online map, including BLM, State Land Board, Division of Water Resources, Colorado Geologic Survey, CDPHE, NRCS, and others.

The Interactive map (GIS Online) was designed to display COGCC well data, field boundaries, spacing orders, special rule areas, and other COGCC data along with more than 100 other map layers that are relevant to oil and gas operations. The map has proven to be a valuable tool for oil and gas permitting, and for researching COGCC's oil and gas data repository. Some of the more important layers are:

1. Oil and Gas Wells - All wells in the State displayed as red dots on the map; a double click on any point opens the electronic informational "scout card" for that well.
2. Directional Bottomhole Locations - Points with leader lines to actual and planned bottomhole locations.
3. Permits - All valid oil and gas well permits in the State.

4. Pending Permits/Pending 2A Locations - Permit and Location applications that are currently under review by COGCC staff.
5. Field Boundaries - Polygon outlines of field boundaries.
6. Water Wells - Water well locations as mapped by the Division of Water Resources (DWR); this layer is updated monthly by DWR.
7. DOW Sensitive Wildlife Habitats and Restricted Surface Occupancy Areas.
8. Rule 317B Surface water, source water protection areas as mapped by CDPHE.
9. BLM data including Exploratory Units, Participating Areas, Subsurface Authority, Oil and Gas Leases, Lease Stipulations, etc.
10. State Land Board active leases.
11. Many Base Layers including roads, cities, towns, geology, soil surveys, topographic maps, and 2009 aerial photographs.

A second interactive map called "Wildlife Map" is also available for those who need to view specific wildlife activity or species information along with oil and gas well data.

GIS Shapefiles that are available for download include: Well locations, Directional Bottom Hole locations, Oil and Gas Field Boundary polygons, Facilities locations (primarily pits), DOW Wildlife Habitats, Rule 317B Buffers, and a few other area-specific shapefiles.

Currently, GIS Staff are reviewing "As Drilled" location submittals for accuracy, and are completing development of a new version (MapGuide 2010) of the Interactive Map. The new version is available internally to staff and should be available to the public sometime this month.

Completed formations were added to Internet Map and the Fields Polygon shapefile in July 2011.



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Help

In December 2008, two search tools were added to the Help menu to be used in conjunction with the 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, RSO areas, or SWH requirements. The user can then click on a link, which opens the map, and zoom to the section of interest for further inspection.

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 entered 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 used for processing APDs until the Final Amended Rules took 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.

The eForm Training Manual has been updated to include all of the forms available within the system. It can be found at http://cogcc.state.co.us/COGIS_Help/eFormtraining/eFormTraining.htm. A document explaining the Local Government Designee process in eForm is now available in the Help section. The forms currently available in eform are: Applications for Permits-to-Drill (Form 2); Oil and Gas Location Assessment Form (Form 2A); Drilling Completion Report (Form 5); Completed Interval Report (Form 5A); Well Abandonment Report (Form 6); and Bradenhead Test Report (Form 17).

➤ Local Area Network

COGCC staff are connected to services by a Local Area Network ("LAN") connection which provides email 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 utilize the same applications in their work as Internet users, in addition to others outlined below.

* Database

The COGCC maintain 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 COGCC 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.

* eForm

This application utilizes the same code base that industry uses to submit Applications for Permits-to-Drill (Form 2), Oil and Gas Location Assessment Form (Form 2A), Drilling Completion Report (Form 5), Completed Interval Report (Form 5A), Well Abandonment Report (Form 6) and Bradenhead Test Report (Form 17). All of these forms are also being used by staff to input, route, edit, and update these forms internally.



* **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.

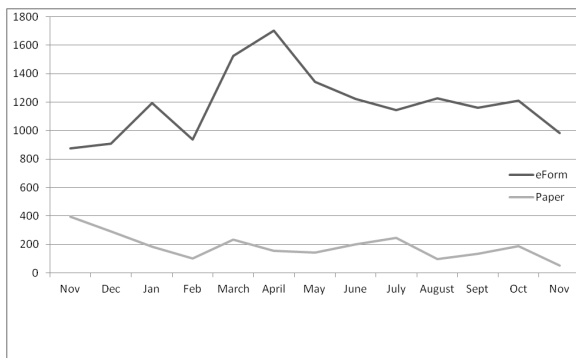
➤ **Remote Users**
 This is the final component of the COGIS system. This laptop system consists of Internet applications and other report tools necessary for COGCC field staff to facilitate data collection and provide information.

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

◆ COGIS Projects, Updates and Changes

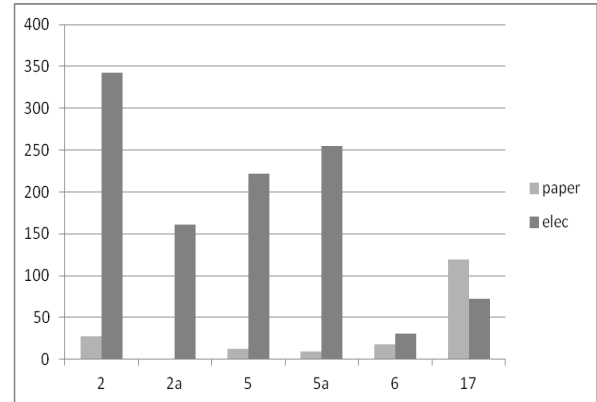
Electronic Form Submissions (eForm)

TOTAL ELECTRONIC FORM SUBMITTALS
 NOVEMBER 2010–NOVEMBER 2011



- Forms currently available through eForm:
- Form 2 - Application for Permit to Drill
 - Form 2A - Oil and Gas Location Assessment
 - Form 5 - Drilling Completion Report
 - Form 5A - Completed Interval Report
 - Form 6 - Well Abandonment Report
 - Form 17 - Bradenhead Test Report

Following is a breakdown by form for the month of November.



The development of the Form 10, Certification of Clearance and/or Change of Operator, is underway. Due to some delays in the development process, the IT staff is now looking to release the beta version by the end of January.

The Field Staff Inspection Form has been released to the Inspectors and other field staff. This new form is more comprehensive and allows for a more focused inspection to take place. Utilizing the eForm platform, this new version of eForm will run locally on the field laptop and allow for the form to be completed in the field. When the staff is connected to the network, the forms will be uploaded to COGIS and become part of the master database. When searching the database, the results will now separate the old and new inspection reports.

The IT staff will be looking at converting some other forms to the eForm platform. Each time a form is converted, an announcement will appear on the homepage letting the industry know which form is now available. The first form that will be released from this project will be the Form 15, the Pit Permit and Report. It is expected to be released in mid-December. The Form 4, the Sundry Notice should be released by the end of February.

As forms are released on eForm, updates to the PDF forms on our website have not occurred. COGCC staff are currently starting to update the PDF forms that are available for paper submissions.



Along with the eForm system, a page is available where the operators can review all known bugs within the system and report any new ones they discover. Currently there are 248 operators signed up to use eForm.

The public can make comments on all submitted Oil and Gas Location Assessment (OGLA) forms (Forms 2A) through the eForm system. This is accomplished by going to the COGCC website (<http://www.colorado.gov/cogcc>) and clicking on the menu option, "Permits", (or <http://cogcc.state.co.us/COGIS/DrillingPermits.asp>).

On the COGIS-Permits page, two search options are available for OGLA forms, "All Pending Location Assessments for" and "All Approved Location Assessments for." When the results are displayed for forms in process, the public can click on the document number, which logs the user onto the new eForm application. Once the page is displayed with the selected document, the user can select the Comment button to make a comment on that particular form. The public can use this same method to make comments on APDs (Form 2s).

For any operator not currently enrolled in eForm, instructions for starting the process can be found at <http://cogcc.state.co.us/Announcements/COUAINformation.pdf>

COGCC GIS Online

The latest version of the COGCC GIS Online is now available on the commission's website. This new version of the GIS site utilizes a different technology than the old site. The new technology eliminates the need for the user to download and install a plugin, which limited the browser that it could be used in to Internet Explorer. The new version will work with almost any browser.

LAS File Upload

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 are 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.

Spacing Orders Project

The spacing orders project has been completed for the first pass through the state. As new orders are issued, the map layers will be updated.

Historic Wells Mapping Project

COGCC's GIS staff obtained historic maps of the Florence Oil Field and had well locations converted to GIS formats. The GIS layer was added to the Field Inspectors' laptops so that they can look for these old wells on the ground. Any old wells located will be added to the COGCC database and evaluated for further actions, if necessary. A 1927 Map Image of the Boulder Oil Field was added to the Internal map to assist in identifying historic wells in the area.

VIII. VARIANCES

1. ExxonMobil Oil Corporation ("ExxonMobil") submitted a Sundry Notice requesting a variance to the production casing compressive strength requirements of Rule 317.i. for the Freedom Unit 297-15B1 Well, which is located in the SE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 15, Township 2 South, Range 97 West, 6th P.M. This well has federal jurisdiction for surface and minerals.

As a result of the use of high-temperature-capable cement retarders in the cement slurry, ExxonMobil's production casing cement design for these wells does not meet the temperature 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 meas-



ured at ninety-five degrees fahrenheit (95°F) and at eight hundred (800) psi.” ExxonMobil’s production casing cement design will meet the required compressive strengths within the required timeframes at the expected downhole temperatures.

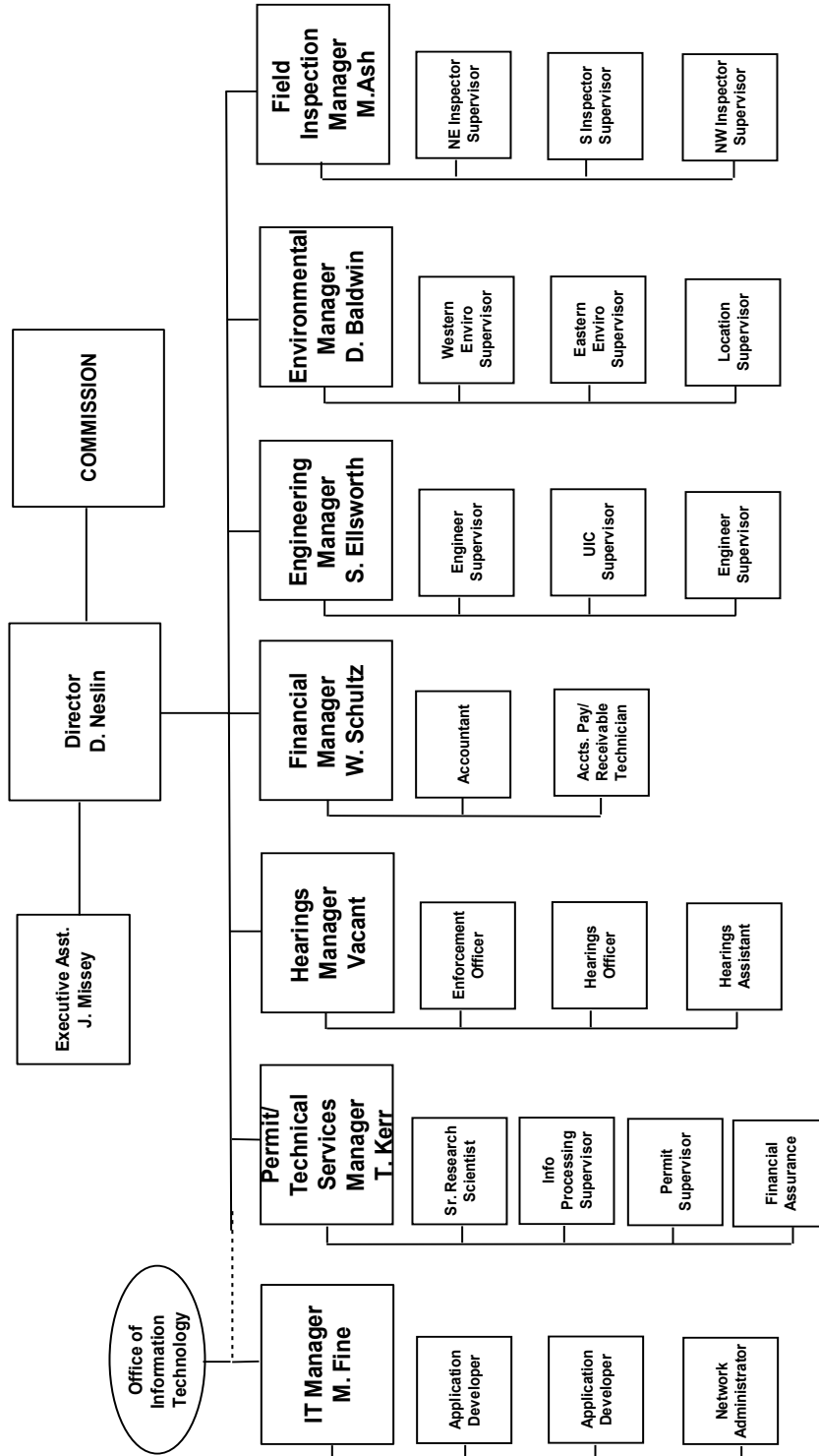
ExxonMobil contends that the requested variances do not violate the basic intent of the Oil & Gas Conservation Act. On November 22, 2011, COGCC staff approved ExxonMobil’s Rule 317.i variance requests for the well listed above. ExxonMobil has submitted a similar request to the Bureau of Land Management.

2. SRC has a contract with Ensign United State Drilling to use Ensign Rig #33. Rig #33 has a Derrick Height of 104’, requiring the wellheads to be 156’ from overhead power-lines to the north. SRC requested a shorter ADR rig, unfortunately, all ADR rigs are contracted for the next year and beyond.

Site adjustments include: service equipment and other large vehicles will stay south of a hay-bale noise and light mitigation barrier constructed along the northern edge of the drilling pad; and increasing the number of guide-wires on the rig. SRC is open to any COGCC requirements necessary to approve the variance request.



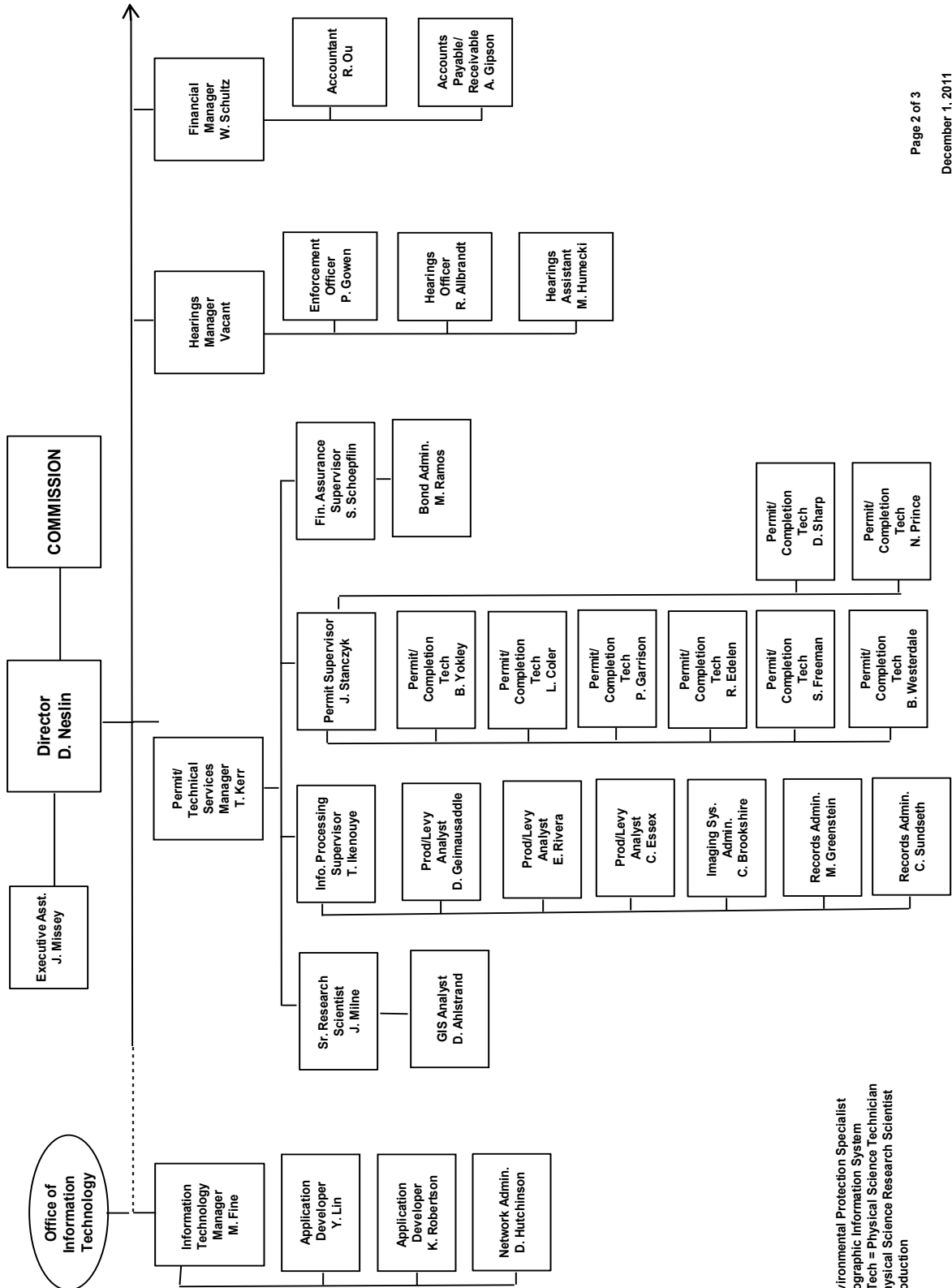
COLORADO OIL & GAS CONSERVATION COMMISSION



See the next two pages for details



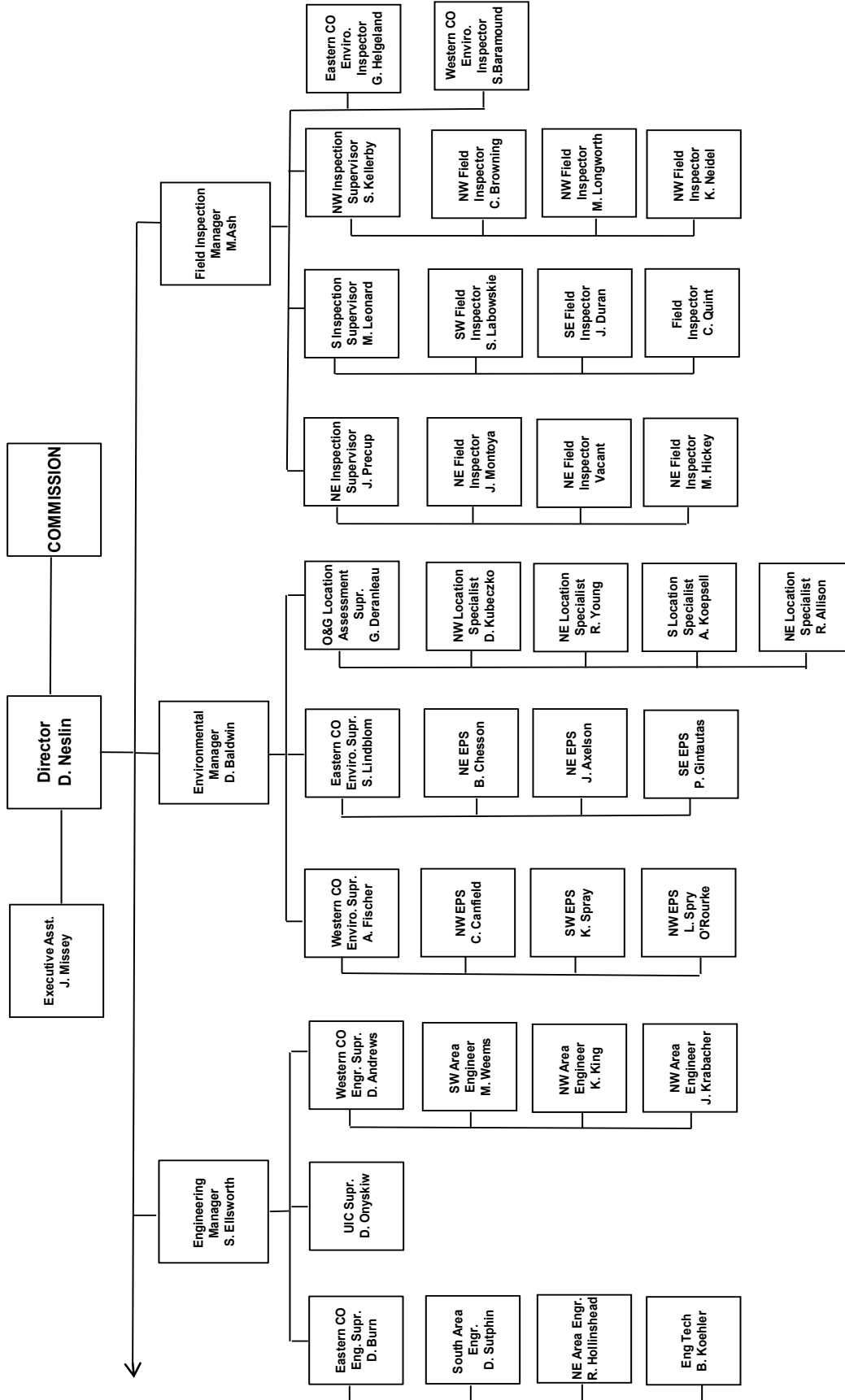
COLORADO OIL & GAS CONSERVATION COMMISSION ORGANIZATION



EPS = Environmental Protection Specialist
 GIS = Geographic Information System
 Phys/Sci Tech = Physical Science Technician
 PSRS = Physical Science Research Scientist
 Prod = Production



COLORADO OIL & GAS CONSERVATION COMMISSION ORGANIZATION



EIT = Engineer in Training
 EPS = Environmental Protection Specialist
 OGLA = Oil & Gas Location Assessment
 Phys Sci Tech = Physical Science Technician
 UIC = Underground Injection Control



PLUGGING, ABANDONMENT, AND WELL RECLAMATION PROJECTS FOR ORPHANED LOCATIONS
FISCAL YEAR 2011-2012

COUNTY	TYPE	PROJECT NAME	ESTIMATED TOTAL PROJECT COST				FY 2011-2012 YTD EXPENDITURES				DESCRIPTION
			BOND	PRAW	EMGY	TOTALS	BOND	PRAW	EMGY	TOTALS	
BACA	REC	LEPEL 1-2	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Remove pipeline riser
BACA	REC	PETROWSKY	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Two small areas of no crop growth in wheat
BACA	REC	BAUGHMAN FARMS 1-A	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	7.5 x 7.5' area remains bare in wheat field, possible salt kill
BACA	REC	ERWISTING 1-28	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Large area in grass has not revegetated.
BACA	REC	COGBURN 1-21, LEPEL 1-2, BAJMAN B 1-3, NEWMAN 1-12, AND NEU 1-34	\$0	TBD	\$0	\$0	\$0	\$0	\$0	\$0	Remove equipment and reclaim surface.
FREMONT	PLUG	4 WELLS	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Plug abandoned wells in Florence area.
GARFIELD	PLUG	BISCUIT RANCH 10-31D AND BRO3-03B AND MULVHILL 15-32D	\$30,000	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Reclaim five well pads, plug and abandon four conductor pipes, and plug and abandon three wells. Project is ready to put out for bids.
JEFFERSON	REC	STATE 16-4 #1	\$0	\$1,000	\$0	\$1,000	\$0	\$0	\$0	\$0	Weed remediation
KIOWA	REC	CHIVINGTON GRZNG 1 A	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Salt kill, oily soil, pit, risers, road
KIOWA	REC	CHIVINGTO GRZNG 2	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Wellhead, riser, fuel line.
LA PLATA	REC	KEG 1 RECLAMATION	\$0	\$20,000	\$0	\$20,000	\$0	\$0	\$0	\$0	Reclamation work.
LOGAN	REC	SINCLAIR OIL & GAS COMPANY L HISCOCK 1	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Salt kill, erosion, pipe
LOGAN	REC	R E LECKLER, LECKLER	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Salt kill, erosion, pipe
LOGAN	REC	MITTELSTADT #1	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Salt kill, erosion, pipe
MESA	PLUG	DEBEQUE ORPHANS ABANDONMENT - EARTHWORK CONST. AND RECL.	\$0	\$8,719	\$0	\$8,719	\$0	\$0	\$0	\$0	Additional reclamation work will be performed after the Pasture well is plugged, possible re-seeding.
MOFFAT	PLUG	CULVERWELL AND ELDON GERBER	\$30,000	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Plug and abandon two conductor pipes and one well and reclaim the pad including a drilling pit.
MORGAN	REC	LEFFLER-MARTIN 1-A	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Pump jack pad, risers, subsidence
MORGAN	REC	MARTIN-LEFLER 3A	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Pump jack pad, cable, poor growth
OURAY	PLUG	RIDGEWAY WELLS	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Plug and abandon old wells. Wells will be inspected in October before estimate is prepared.
WELD	REC	THOMAS A L #1	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	Salt kill, excess material.
TOTALS =>			\$60,000	\$28,719	\$0	\$28,719	\$0	\$0	\$0	\$0	

COUNTY	TYPE	PROJECT NAME	ESTIMATED TOTAL PROJECT COST				FY 2011-2012 YTD EXPENDITURES				DESCRIPTION
			BOND	PRAW	EMGY	TOTALS	BOND	PRAW	EMGY	TOTALS	
LOGAN	REC	COGCC KOENIG-ASHBY #1 AND R E LECKLER #1	\$0	\$30,000	\$0	\$30,000	\$0	\$0	\$0	\$0	Salt kill, erosion, concrete. Considerable earth work. Project has been put out for bids.
LOGAN	REC	MITTELSTADT #1 AND LECKLER #1	\$60,000	\$0	\$0	\$60,000	\$0	\$0	\$0	\$0	Salt kill, erosion, pipe. Research is ongoing into bond claim.
MESA	PLUG	DEBEQUE ORPHANS ABANDONMENT - PLUGGING AND ABANDONMENT	\$0	\$0	\$179,512	\$179,512	\$0	\$0	\$0	\$0	Complaint. Two wells have been plugged. Plug and abandon two remaining leaking wells. Work is in progress.
MORGAN	REC	HUEY #1, HUEY #2A, HUEY #5, HUEY #9, HUEY #20, AND GEORGE E HUEY #1	\$0	\$24,900	\$0	\$24,900	\$0	\$24,900	\$0	\$24,900	Excess material. Work is complete. Awaiting final invoice.
TOTALS =>			\$60,000	\$54,900	\$179,512	\$294,412	\$0	\$24,900	\$0	\$24,900	

COUNTY	TYPE	PROJECT NAME	ESTIMATED TOTAL PROJECT COST				FY 2011-2012 YTD EXPENDITURES				DESCRIPTION
			BOND	PRAW	EMGY	TOTALS	BOND	PRAW	EMGY	TOTALS	
CHEYENNE	PLUG	GOLDEN HAMMER	\$30,000	\$20,000	\$0	\$50,000	\$30,000	\$6,575	\$0	\$36,575	Project is completed.
FREMONT	PLUG	HW-1619S69W #1, HW-34 19S69W #2, HW-2919S69W #3, AND HW-2919S69W #4	\$0	\$22,600	\$0	\$22,600	\$0	\$20,075	\$0	\$20,075	Project is completed.
LA PLATA	REC	DAVIES 1-22	\$0	\$8,899	\$0	\$8,899	\$0	\$0	\$0	\$0	Project is completed.
LA PLATA	PLUG	KEG 1 WELL PLUGGING	\$5,000	\$19,700	\$0	\$24,700	\$5,000	\$19,700	\$0	\$24,700	Project is completed.
TOTALS =>			\$35,000	\$71,199	\$0	\$106,199	\$35,000	\$46,350	\$0	\$81,350	

COUNTY	TYPE	PROJECT NAME	ESTIMATED TOTAL PROJECT COSTS				FY 2011-2012 YTD EXPENDITURES				
			BOND	PRAW	EMGY	TOTALS	BOND	PRAW	EMGY	TOTALS	
GRAND TOTALS =>			\$155,000	\$155,818	\$179,512	\$490,330	\$35,000	\$71,250	\$0	\$106,250	

Project Types: "PLUG" indicates plugging and abandonment, "REC" indicates reclamation, and "ENV" indicates environmental
 EMGY: indicates funding by the Emergency Response line item
 TBD: Cost estimates in process.
 PRAW: indicates funding by the Plugging and Reclaiming Abandoned Wells line item
 Updated November 23, 2011



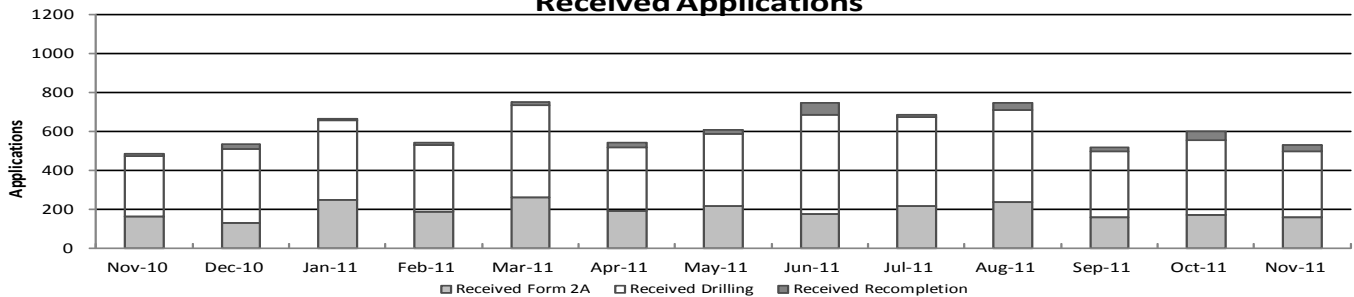
Colorado Oil & Gas Conservation Commission

Monthly Permit Activity

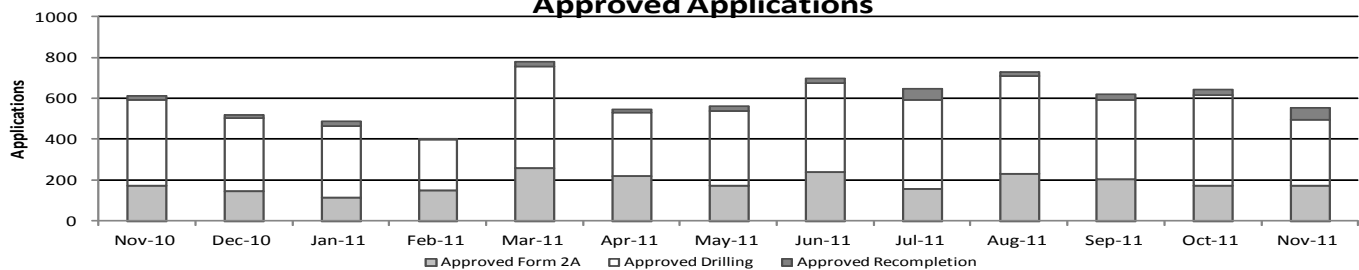
	Backlog	Received	Approved	Withdrawn	Rejected	Incomplete	In-Process	Remaining
Form2A								
Nov-10	161	162	171	13	0	16	123	139
Dec-10	139	128	144	2	0	25	96	121
Jan-11	121	249	112	4	0	37	217	254
Feb-11	254	184	150	7	0	50	231	281
Mar-11	281	261	258	6	0	80	198	278
Apr-11	278	190	218	6	0	80	164	244
May-11	244	214	171	10	0	88	189	277
Jun-11	277	172	239	4	0	60	146	206
Jul-11	206	215	158	8	0	65	190	255
Aug-11	247	236	229	6	0	66	182	248
Sep-11	244	159	203	6	0	58	136	194
Oct-11	194	171	172	12	0	50	119	181
Nov-11	194	159	173	9	0	69	102	171
Drilling								
Nov-10	465	308	421	18	0	39	294	334
Dec-10	334	379	361	4	0	68	280	348
Jan-11	348	405	351	7	0	114	281	395
Feb-11	395	343	249	3	0	113	373	486
Mar-11	486	471	499	3	0	129	326	455
Apr-11	455	325	314	7	0	129	330	459
May-11	459	372	367	15	0	142	307	449
Jun-11	449	512	436	2	0	99	424	523
Jul-11	523	457	436	9	0	107	428	535
Aug-11	535	472	482	8	0	141	376	517
Sep-11	517	336	389	8	0	108	348	456
Oct-11	456	381	443	16	0	85	293	378
Nov-11	378	339	324	8	0	146	239	385
Recompletion								
Nov-10	19	14	19	4	0	2	8	10
Dec-10	10	26	12	0	0	4	20	24
Jan-11	24	8	23	2	0	5	2	7
Feb-11	7	15	2	0	0	8	12	20
Mar-11	20	18	23	0	0	1	14	15
Apr-11	15	26	15	1	0	0	25	25
May-11	25	20	25	0	0	3	17	20
Jun-11	20	61	22	0	0	3	56	59
Jul-11	59	13	55	2	0	6	9	15
Aug-11	15	37	17	0	0	6	29	35
Sep-11	35	22	29	0	0	3	25	28
Oct-11	28	46	29	0	0	3	42	45
Nov-11	45	29	57	2	0	4	11	15

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

Received Applications



Approved Applications



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



Colorado Oil and Gas Conservation Commission
Status of Permit Applications Filed By Month
 December 2, 2011

Form 2A Location Assessment

Year	Month	Received	Approved	Withdrawn	In Process	Percent In Process	Median Days to Process	Less Than 30 Days	30 to 49 Days	Greater Than 50 Days
2010	1	225	206	17	0	0%	36	153	27	26
2010	2	236	222	14	0	0%	41	169	39	14
2010	3	283	272	11	0	0%	36	197	58	17
2010	4	279	273	6	0	0%	34	176	76	21
2010	5	195	190	5	0	0%	31	76	93	21
2010	6	258	254	4	0	0%	28	177	58	19
2010	7	187	179	8	0	0%	36	64	98	17
2010	8	218	212	6	0	0%	35	113	64	35
2010	9	185	184	1	0	0%	27	123	54	7
2010	10	165	158	7	0	0%	27	112	35	11
2010	11	163	160	3	0	0%	26	118	36	6
2010	12	126	123	3	0	0%	28	81	24	18
2010	Total	2520	2433	85	0			1559	662	212
2011	1	236	234	2	0	0%	33	147	58	29
2011	2	174	163	11	0	0%	37	99	35	29
2011	3	281	273	8	0	0%	33	198	42	33
2011	4	189	177	9	3	2%	37	112	30	35
2011	5	211	198	13	0	0%	30	126	58	14
2011	6	184	178	3	3	2%	30	135	27	16
2011	7	211	197	8	6	3%	34	89	89	19
2011	8	245	236	4	5	2%	33	123	86	27
2011	9	156	143	7	6	4%	31	80	53	10
2011	10	167	141	8	18	11%	27	89	52	0
2011	11	171	40	4	127	74%	23	40	0	0
2011	12	9	0	0	9	100%				
2011	Total	2234	1980	77	177	8%		1238	530	212

Form 2 Application For Permit to Drill (APDs)

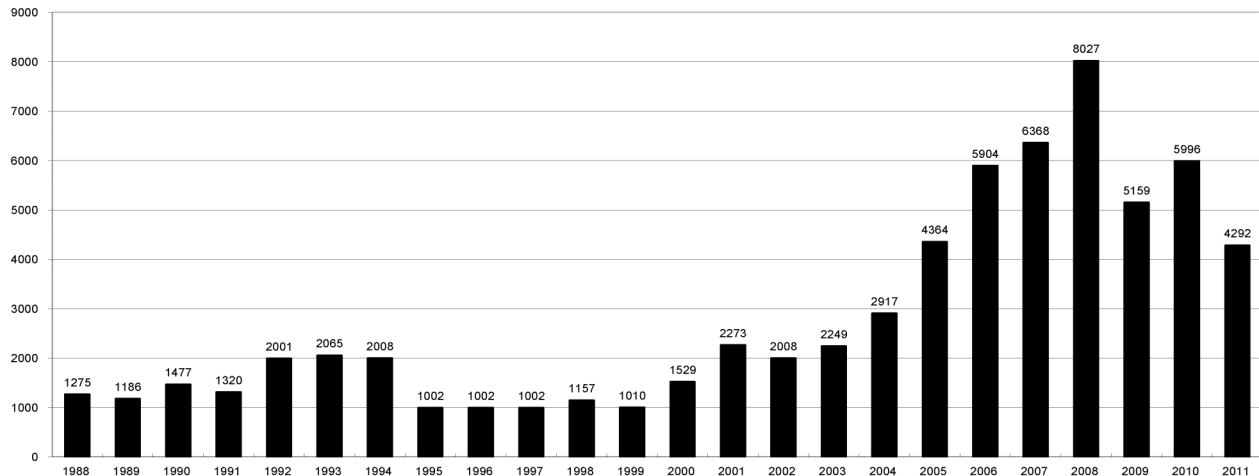
Year	Month	Received	Approved	Withdrawn	In Process	Percent In Process	Median Days to Process	Less Than 30 Days	30 to 49 Days	Greater Than 50 Days
2010	1	460	424	36	0	0%	44	24	221	188
2010	2	438	426	11	0	0%	51	13	255	163
2010	3	943	923	20	0	0%	50	67	340	571
2010	4	659	642	17	0	0%	38	102	455	147
2010	5	354	339	15	0	0%	41	75	209	94
2010	6	555	549	6	0	0%	36	268	290	125
2010	7	467	459	8	0	0%	42	99	268	123
2010	8	493	487	6	0	0%	39	220	194	144
2010	9	420	419	1	0	0%	37	175	221	62
2010	10	395	380	15	0	0%	29	212	147	40
2010	11	323	320	3	0	0%	26	215	79	39
2010	12	384	378	6	0	0%	26	290	60	48
2010	Total	5891	5746	144	0	0%		1760	2739	1744
2011	1	380	371	7	0	0%	32	235	106	40
2011	2	336	333	3	0	0%	36	182	114	51
2011	3	467	455	12	0	0%	35	327	67	82
2011	4	346	332	11	3	1%	37	174	117	66
2011	5	364	355	9	0	0%	32	196	145	35
2011	6	514	508	3	3	1%	31	424	94	45
2011	7	472	456	9	7	1%	38	145	272	54
2011	8	468	459	4	5	1%	35	212	179	103
2011	9	334	307	14	13	4%	29	230	82	19
2011	10	368	318	9	41	11%	28	212	129	2
2011	11	341	47	2	292	86%	24	68	10	0
2011	12	30	0	0	30	100%				
2011	Total	4420	3941	83	394	9%	357	2405	1315	497



COLORADO OIL AND GAS CONSERVATION COMMISSION
ANNUAL DRILLING 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	2009	2010	Current as of 12/02 2011	
ADAMS	46	34	44	53	92	58	137	34	9	33	24	19	38	28	9	26	39	34	37	89	51	35	21	6	
ARAPAHOE	5	5	15	14	11	4	20	12	2	9	1	2	0	2	1	2	5	7	11	10	10	10	8	22	
ARCHULETA	8	5	18	5	2	1		3		3		1	7	9	6	10	8	13	14	26	47	11	18	12	
BACA	6	4	15	10	23	9	12	24	10	7	13	15	22	6	2	3	7	8	2	11	13	3	4	5	
BENT				1		2	2	4	2	5	3	5	2				5	3	8	1	1			5	
BOULDER	1		1	13	38	159	38	5	8	2	5		1	5	6	7	17	13	21	37	32	35	24	21	
BROOMFIELD																	2	7		1		2	33	28	11
CHEYENNE	203	149	102	93	71	58	48	55	43	31	41	7	3	3	3	3	3	10	21	15	33	12	13	15	
COSTILLA												1													
CROWLEY	1		1	1															9		2				
DELTA	1	1	2																	19	25	24		4	3
DENVER										5	3	3		3						19	25	24		4	3
DOLORES	2		4	1	2	1											1	1	1	6	10	12	21	8	8
ELBERT	9	12	8	5	3		2	13	16	11	1		2							4			1	1	1
EL PASO																							2	3	3
FREMONT	9	5	6	7	1	2	2	1	2	1								1	3	2	4	14	13	22	14
GARFIELD	19	66	111	36	18	56	143	78	109	141	95	130	213	353	362	567	796	1509	1845	2550	2888	1981	2037	1212	
GRAND						1																			
GUNNISON			2	2		1										5	10	1	9	19	7	10	12	4	3
HUERFANO	3	5		4	17	3	3	2	1	3	40	26	41	27	27		8	2			7			2	1
JACKSON	3	1	4	6	2	2	3	2	2	6	3		34	18	21	9	14	6	8	5	27	19	9	18	
JEFFERSON	1		4	2		1	1	1	1	1	2	1	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	7	16	17	
KIT CARSON	9	5	7	8	8	15	26	11	7	6	9	5					1	3	5	4	13	7	3	2	
LA PLATA	302	218	388	128	120	40	40	20	71	40	82	107	127	156	104	162	102	115	235	251	328	298	191	92	
LARIMER	4	4	3	6	13	7	3		1	3	1		2												
LAS ANIMAS	10	30	36			9	32	95	134	136	195	195	268	400	259	180	332	413	500	362	303	88	92	74	
LINCOLN	8	6	4	7	7	11	8	9	3	2			2	2	1	6	3	4	1	2	58	44	48	31	
LOGAN	18	21	23	13	14	30	15	13	6	12	7		4	7	3	3	6	13	17	14	5	9	17	8	
MESA	1	12	29	20	22	2	22	6	11	10	2	6	13	27	30	27	54	136	265	293	501	427	306	125	
MOFFAT	13	25	27	19	40	52	43	40	41	28	21	15	35	52	62	63	63	60	120	68	57	51	53	84	
MONTEZUMA	6	7	10	8	7	11	15	9	13	5	4	1	4			5	8	8	11	5	12	22	39	19	25
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	1	6	13	
OTERO				2																					
PARK				1								1											3	4	1
PHILLIPS			3		1	1							1	2		7	13	17	12	69	82	45	64	90	
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	1	3	1	
RIO BLANCO	34	83	77	33	81	83	126	81	33	40	51	95	89	187	105	179	154	161	360	321	477	348	441	94	
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	2	3	7	
SAGUACHE	1							2					2			2					2	1	2		
SAN MIGUEL			2	2					1	1	4	2	11	13	27	18	42	45	35	23	20	13	10	2	
SEDGWICK				1				3		2							1	5	2	7	2	1	19	11	10
WASHINGTON	40	29	23	28	24	26	25	12	19	26	18	3	23	17	27	34	128	50	69	45	11	1	6	12	
WELD	424	357	366	656	1224	1319	1030	254	305	285	392	288	509	702	760	757	832	901	1418	1527	2340	1448	2152	2119	
YUMA	14	20	45	60	104	53	167	168	123	116	111	60	31	205	160	138	237	782	797	541	545	105	299	122	
Total	1275	1186	1477	1320	2001	2065	2008	1002	1002	1002	1157	1010	1529	2273	2008	2249	2917	4364	5904	6368	8027	5159	5996	4292	

ALL COUNTIES





Colorado Oil and Gas Conservation Commission
 Form 2A Breakdown By County By Year
 December 2, 2011

Yr	County	Form2As	Complete	In Process	Infor- mational	Requires Approval	New Location	CDP	SWH	RSO	CDPHE
2009	Total State	818	818	0	728	108	408	2	80	5	5
2010	ADAMS	7	7	0	8	1	7	0	0	0	0
2010	ARAPAHOE	8	8	0	8	0	4	0	0	0	0
2010	ARCHULETA	6	6	0	3	4	4	0	6	0	0
2010	BACA	3	3	0	3	0	2	0	0	0	0
2010	BENT	6	6	0	5	1	6	0	0	0	0
2010	BOULDER	7	7	0	6	1	0	0	1	0	2
2010	BROOMFIELD	11	11	0	11	0	0	0	0	0	0
2010	CHEYENNE	11	11	0	11	0	8	0	0	0	0
2010	DELTA	3	3	0	3	0	2	0	0	0	0
2010	DOLORES	4	4	0	3	1	2	0	1	0	0
2010	EL PASO	3	3	0	3	0	3	0	0	0	0
2010	FREMONT	19	19	0	19	0	15	0	0	0	0
2010	GARFIELD	170	170	0	2	170	83	0	140	11	4
2010	GUNNISON	6	6	0	0	8	8	0	4	1	0
2010	HUERFANO	1	1	0	1	0	1	0	0	0	0
2010	JACKSON	10	10	0	3	7	3	0	8	1	0
2010	KIOWA	12	12	0	12	0	10	0	0	0	0
2010	KIT CARSON	3	3	0	3	0	2	0	0	0	0
2010	LA PLATA	48	48	0	26	25	15	0	35	0	3
2010	LARIMER	20	20	0	20	1	9	0	0	0	1
2010	LAS ANIMAS	66	66	0	73	1	39	0	0	0	2
2010	LINCOLN	46	46	0	47	0	40	0	0	0	1
2010	LOGAN	4	4	0	15	0	12	0	0	0	0
2010	MESA	47	47	0	0	50	23	0	22	1	0
2010	MOFFAT	44	44	0	19	25	20	0	25	3	0
2010	MONTEZUMA	9	9	0	6	4	7	0	5	0	0
2010	MORGAN	10	10	0	6	4	10	0	0	0	0
2010	PARK	3	3	0	3	0	2	0	0	0	0
2010	PHILLIPS	47	47	0	47	0	32	0	0	0	2
2010	PROWERS	3	3	0	3	0	3	0	0	0	0
2010	RIO BLANCO	60	60	0	0	60	34	0	42	1	1
2010	ROUTT	4	4	0	0	4	3	0	4	1	0
2010	SAN MIGUEL	9	9	0	5	4	0	0	9	0	1
2010	SEDGWICK	11	11	0	11	0	1	0	0	0	0
2010	WASHINGTON	6	6	0	6	0	5	0	0	0	0
2010	WELD	1394	1393	0	1173	265	984	0	25	3	36
2010	YUMA	257	256	0	260	1	202	0	0	0	2
2010	Total State	2378	2376	0	1824	637	1601	0	327	22	55
2011	ADAMS	9	6	3	1	1	9	0	0	0	0
2011	ARAPAHOE	20	20	0	12	0	21	0	0	0	0
2011	ARCHULETA	4	4	0	0	4	3	0	7	0	0
2011	BACA	5	5	0	3	1	4	0	1	0	0
2011	BOULDER	9	9	0	1	1	3	0	1	0	1
2011	BROOMFIELD	1	1	0	1	0	0	0	0	0	0
2011	CHEYENNE	16	15	1	7	0	11	0	0	0	0
2011	DELTA	2	2	0	0	0	1	0	0	0	0
2011	DOLORES	3	3	0	1	0	1	0	1	0	0
2011	EL PASO	3	3	0	0	0	3	0	0	0	0
2011	ELBERT	1	1	0	1	0	1	0	0	0	0
2011	FREMONT	11	11	0	3	0	8	0	0	0	0
2011	GARFIELD	110	101	9	0	67	45	0	95	9	1
2011	GUNNISON	6	4	2	0	4	4	2	5	0	0
2011	HUERFANO	1	1	0	1	0	1	0	0	0	0
2011	JACKSON	12	12	0	2	5	12	0	10	0	0
2011	KIOWA	17	17	0	12	1	16	0	1	0	0
2011	KIT CARSON	2	2	0	1	0	0	0	0	0	0
2011	LA PLATA	21	21	0	2	18	16	0	26	0	0
2011	LARIMER	7	7	0	7	0	7	0	0	0	0
2011	LAS ANIMAS	73	62	11	42	0	40	0	1	0	0
2011	LINCOLN	29	29	0	15	2	20	0	0	0	1
2011	LOGAN	10	10	0	9	0	8	0	0	0	0
2011	MESA	23	21	2	0	9	15	0	11	0	0
2011	MOFFAT	47	42	5	2	12	41	0	40	5	0
2011	MORGAN	10	10	0	6	0	10	0	0	0	0
2011	PARK	1	1	0	1	0	0	0	0	0	0
2011	PHILLIPS	94	89	5	56	0	91	0	0	0	0
2011	PROWERS	1	1	0	1	0	1	0	0	0	0
2011	RIO BLANCO	32	30	2	0	20	19	0	24	0	0
2011	RIO GRANDE	1	0	1	0	0	1	0	1	0	0
2011	ROUTT	8	4	4	0	0	9	0	10	2	0
2011	SEDGWICK	11	10	1	2	0	9	0	2	0	0
2011	WASHINGTON	13	13	0	10	1	12	0	0	0	0
2011	WELD	1390	1286	104	767	173	1096	0	18	2	1
2011	YUMA	146	118	28	38	0	120	0	0	0	0
2011	Total	2149	1971	178	1004	319	1658	2	254	18	4

CDP = Comprehensive Drilling Plan SWH = Sensitive Wildlife Habitat consultation
 RSO = Restricted Surface Occupancy consultation CDPHE= Colorado Department of Health and Environment consultation



Colorado Oil and Gas Conservation Commission

Horizontal Well Activity

December 2, 2011

County	Prior Years			2009		2010		2011		Summary				
	Drilled	DA	PA	Permit	Spud	Permit	Spud	Permit	Spud	Spud	AC	PR	DA	PA
ADAMS				6	5	2	3	1		8	3	3		
ARAPAHOE	2							10	1	3	2			
ARCHULETA	17			7	6	15	7	10	3	33		22		
BOULDER									3					
CHEYENNE	5		4							5		1		4
DOLORES	2			18	2	6				4		3		
FREMONT	7	6		6		12	5	3	4	16		5	6	
GARFIELD	10		2	1	2	16		16	7	19		9		2
GUNNISON	1					1				1		1		
JACKSON	8	1	1	8		3	3	9		11		8	1	1
KIT CARSON	1									1		1		
LA PLATA	28	2		11	1	28	4	14	6	39		36	2	
LARIMER	3	2						5	1	4		1	2	
LAS ANIMAS	16		2	4		1	1			17		14		2
LINCOLN				2	1	2	1	3		2		2		
LOGAN	2									2		2		
MESA	3	2		36	2	22	10	23	11	26		11	2	
MOFFAT	7	1	1	6	3	4		10	1	11	1	7	1	1
MONTEZUMA	6		1	23	4	11	1	6	2	13		9		1
MORGAN								6	2	2		2		
PARK						1	1	1		1				
RIO BLANCO	7	2				1	1	11	1	9	1	5	2	
ROUTT	10	6	1							10		3	6	1
SAN MIGUEL	1			1						1				
WASHINGTON	1		1							1				1
WELD	11	3		12	5	208	88	691	204	308		114	4	1
YUMA	1		1	6						1				1
TOTAL Horizontal	149	25	14	147	31	333	125	822	243	548	7	259	26	15
Percent of Total HZ		17%	9%								1%	47%	5%	3%
Total All Permits				5159		5996		4292						
Percent of Total				2.8%		5.6%		19.2%						

DA = Dry & Abandoned; PA = Produced & Abandoned; AC = Active Injection or Storage; PR = Producing



Well to Building Setback Review

Colorado Oil and Gas Conservation Commission
December 2, 2011

Count of well locations by proximity groupings from well spot to buildings for all locations reviewed under the December 17, 2008 amended rules.

Location Proximity to Buildings	Number of Locations	Percent of Total Locations Reviewed
less than 150 feet	8	0%
150 to 350 feet	151	3%
350 to 500 feet	250	5%
500 to 1000 feet	806	17%
1000 + feet	3410	74%
Total Locations	4625	

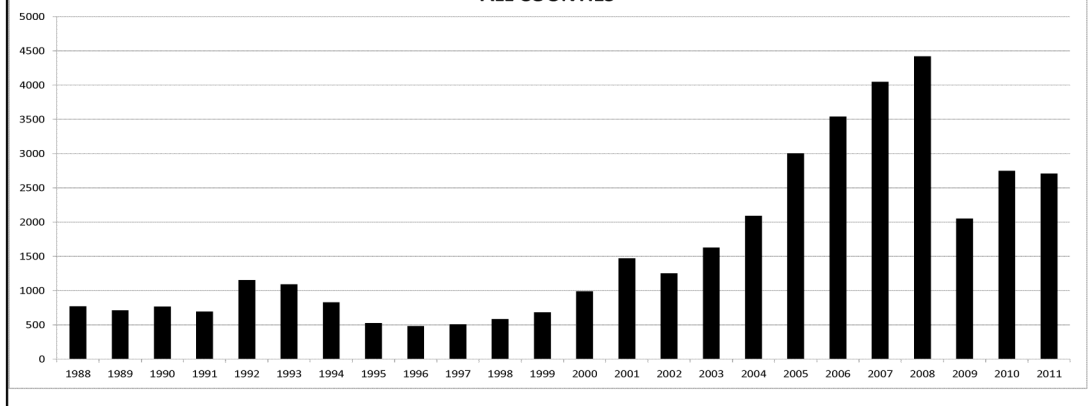
County	Total	Less than 150 feet	150 to 350 feet	350 to 500 feet	500 to 1000 feet	1000 + feet
ADAMS	20	0	2	3	8	7
ARAPAHOE	37	0	1	4	1	31
ARCHULETA	14	0	0	1	8	5
BACA	10	0	0	0	1	9
BENT	5	0	0	0	0	5
BOULDER	20	0	1	1	15	3
BROOMFIELD	26	0	0	4	10	12
CHEYENNE	31	1	0	0	0	30
DELTA	5	0	0	1	1	3
DOLORES	7	0	0	0	4	3
EL PASO	6	0	0	0	0	6
ELBERT	2	0	0	0	1	1
FREMONT	30	0	2	7	6	15
GARFIELD	308	0	3	2	46	257
GUNNISON	9	0	0	1	1	7
HUERFANO	2	0	0	0	1	1
JACKSON	22	0	0	1	1	20
KIOWA	36	0	0	0	1	35
KIT CARSON	5	0	0	0	0	5
LA PLATA	77	0	3	6	21	47
LARIMER	26	0	3	3	9	11
LAS ANIMAS	175	1	4	6	37	127
LINCOLN	99	0	0	1	2	96
LOGAN	21	0	1	0	0	20
MESA	66	0	0	3	11	52
MOFFAT	92	0	0	1	4	87
MONTEZUMA	10	0	0	1	1	8
MONTROSE	1	0	0	0	0	1
MORGAN	13	0	0	1	1	11
PARK	4	0	0	0	0	4
PHILLIPS	184	1	3	4	16	160
PROWERS	4	0	0	0	0	4
RIO BLANCO	96	0	0	0	1	95
ROUTT	8	0	0	0	0	8
SAN MIGUEL	10	0	0	0	0	10
SEDGWICK	21	0	0	1	3	17
WASHINGTON	19	0	1	0	0	18
WELD	2672	5	121	186	560	1800
YUMA	432	0	6	12	35	379
TOTAL	4625	8	151	250	806	3410



COLORADO OIL AND GAS CONSERVATION COMMISSION ANNUAL WELL STARTS BY COUNTY

COUNTY	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Current as of 12/02	
ADAMS	39	27	26	36	54	20	54	28	6	16	12	17	18	13	4	19	22	24	13	41	14	15	21	2		
ALAMOSA																										
ARAPAHOE	2	4	16	11	11	3	9	8	3	3	2						6	1	5	2	1	1	3	3		
ARCHULETA	5	3	7	5	2	1	7	2		1			4	4	2	5	4	10	5	7	24	9	11	3		
BACA	5	5	12	6	21	8	9	19	9	7	11	8	19	6	2	1	6	6	2	6	12			5	4	
BENT				1			2	3	1	2	3	6	2				3	2	8	1	1				1	
BOULDER	2			7	18	56	15	5								2	5	11	9	14	25	16	13	7		
BROOMFIELD	3	2	3	7	14	27	22	2	2						2		1				10			22	9	
CHEYENNE	177	133	92	75	64	50	44	41	35	29	29	6	2	1	3	3		9	14	15	14	8	12	7		
CONEJOS																										
COSTILLA												1														
CROWLEY	1		1																							
CUSTER																										
DELTA	1		1													5	4	6	5	2				4	1	
DENVER										2	3	1		2						7	5	4				
DOLORES	2		4	1													2		2	13	4	2				
DOUGLAS																										
EAGLE																										
EL PASO																									2	
ELBERT	8	11	9	5	2			10	15	2	2		2							1						
FREMONT	6	3	5	7	1	1	1	2			1							1	3	2	2	5	3	9	14	
GARFIELD	3	12	24	8	3	4	15	13	7	28	19	94	190	251	245	417	585	799	1005	1304	1679	765	908	760		
GRAND																										
GUNNISON			1	2		1										1		1	1	9	5	1	4	3		
HUERFANO	6			2	6	1	1	2		2	31	9	25	14	19	3	6	2			2			1		
JACKSON	2	1	3	7	2		3	1	1	3	3		24	2	4	10	10			3	3	10	1	5	4	
JEFFERSON												2														
KIOWA	14	32	35	37	28	19	20	22	8	13	6	4	8	16	2	4	2	1	7	7	2	5	14	13		
KIT CARSON	11	6	6	6	9	13	15	9	6	3	7	7					1	1	6	2	1	14	3	1	1	
LA PLATA	158	129	186	44	66	26	17	19	29	48	65	80	99	135	118	110	103	104	108	179	200	128	67	36		
LARIMER	8	5	1	6	13	5	3		2	1										1	4	8	1	28	2	
LAS ANIMAS	17	22	20	3	2	11	17	34	62	90	120	182	202	286	205	221	296	384	413	326	221	14	7	75		
LINCOLN	6	5	4	4	7	7	8	8	3	2			2	2	1	5	2	2	1	2	19	10	14	19		
LOGAN	17	19	19	8	13	24	9	11	4	10	4		4	6	3	3	2	11	12	3	7	3	8			
MESA	1	2	2	4	1	7	2	1	1	4	4		2	12	12	13	25	89	156	209	219	13	11	29		
MOFFAT	1	2	1	2	1	1	2	1	3	1	8	10	18	23	25	28	19	40	60	42	24	18	15	18		
MONTEZUMA	6	5	7	5	2	5	7	3	12	2	2		2	3	5	5	1	7	2	4	7	7	3	2		
MONTROSE				1																						
MORGAN	26	20	32	11	9	11	16	13	8	9	7	4	9	8	1	7	5	5	3	1	1	2	3	4		
OTERO				1																						
OURAY																										
PARK				1																					2	
PHILLIPS				3		1								1			6	10	11	4	35	18	2	42	86	
PITKIN		1			2																					
PROWERS	16	9	5	8	13	7	1	5	5	2	8	4	2	4	4		5	5	6	3	5	2	3	1		
PUEBLO																										
RIO BLANCO	1	8	10	1	3	8	6	7	5	9	9	62	51	82	47	83	92	95	107	95	204	113	108	66		
RIO GRANDE	1	2	2																							
ROUTT		1	1	3	1							1	5	12	1		1	6	3	2		2	1	1		
SAGUACHE	1							2																		
SAN MIGUEL				1							3	1	6	9	10	19	28	13	20	17	5	1	2	2		
SEDGWICK						1	3		2								1	2	1	1	5		3	1		
WASHINGTON	39	28	22	26	24	20	20	13	17	23	18	4	15	12	24	29	65	34	23	14	11	2	2	2		
WELD	176	200	168	296	660	723	389	94	136	94	117	124	237	403	406	522	632	718	931	1222	1314	872	1188	1465		
YUMA	12	16	41	47	102	39	114	145	101	104	93	52	42	162	108	106	144	597	593	445	336	27	212	62		
Grand Total	773	713	769	696	1154	1092	828	527	482	509	587	683	992	1472	1254	1630	2092	3004	3542	4048	4419	2053	2749	2708		

ALL COUNTIES





Colorado Oil Gas Conservation Commission Monthly Statistics

YEAR	MO	Baker - Hughes Rig Count	Permits				Locations				Well Spud Notice	Active Drilling Permits	Active Wells	Public Visits				
			Drilling Rcvd	Drilling Apvd	Recompletion Rcvd	Recompletion Apvd	Injection Rcvd	Injection Apvd	Pits Rcvd	Pits Apvd				Rcvd	Authz	Data	Office	Internet
2008	Total		8400	8029	291	287	64	54	480	480				213	1291	1050973		
	JAN	87	519	540	16	29	5	4	20	20			4976	37567	12	94	66135	
	FEB	68	411	678	21	10	1	1	14	30			5331	37785	21	81	62220	
	MAR	59	1476	483	21	19	3	29	2				5370	38105	21	70	68742	
	APR	52	40	465	16	6	4	4	15	8	0	0	5416	38885	0	0	66271	
	MAY	45	54	306	9	2	4	7	3	0	28	0	5229	39231	22	114	71092	
	JUN	44	225	377	10	13	4	7	2	8	5	39	5109	39944	6	142	67461	
	JUL	44	204	487	19	34	10	11	12	0	72	7	159	5132	40184	13	95	87216
	AUG	44	136	223	54	3	4	3	1	10	60	38	142	4955	40338	17	99	111016
	SEP	45	277	277	20	26	1	3	2	1	76	82	159	4622	40469	13	97	100329
	OCT	38	468	288	72	76	5	7	7	0	126	58	163	4317	40643	10	90	100695
	NOV	38	401	382	62	38	3	6	32	51	146	191	140	4154	40854	13	121	91528
	DEC	40	543	653	24	78	3	4	37	115	218	195	163	4100	40956	13	68	92088
2009	Total		4754	5159	344	334	68	55	178	242	765	571	1103		161	1071	984793	
	JAN	45	506	462	11	31	4	5	10	50	186	192	4029	41207	26	85	105289	
	FEB	50	687	377	35	9	4	4	6	6	265	213	189	3722	41478	7	114	97167
	MAR	51	653	713	33	31	5	5	9	9	206	300	234	3858	41632	19	104	103614
	APR	51	493	649	67	33	5	2	5	17	220	228	222	4040	41843	24	110	127472
	MAY	53	389	622	29	57	3	6	10	47	200	218	237	4291	42096	11	97	85000
	JUN	53	521	490	139	89	2	0	40	12	253	251	222	4373	42217	26	100	85000
	JUL	60	460	432	54	81	1	1	19	15	185	222	244	4300	42324	10	84	85000
	AUG	66	503	532	57	81	1	2	9	37	239	198	239	4481	42534	16	91	86609
	SEP	68	403	437	33	31	3	1	3	8	166	196	242	4558	42686	9	76	83055
	OCT	68	401	500	21	41	4	0	3	2	160	221	265	4502	42903	15	85	82492
	NOV	68	308	421	14	19	1	1	3	10	162	171	226	4557	43139	14	94	90322
	DEC	67	379	361	26	12	1	1	3	9	128	144	237	4735	43354	20	75	81459
2010	Total		5703	5996	519	515	34	28	120	225	2461	2548	2749		197	1115	1112479	
	JAN	63	405	351	8	23	4	5	4	8	249	112	227	4755	43588	14	95	103968
	FEB	61	343	249	15	2	7	5	5	3	184	150	210	4733	43869	21	80	96171
	MAR	68	471	499	18	23	4	5	38	30	261	258	257	4847	43927	9	125	122393
	APR	72	325	314	26	15	4	0	20	27	190	218	231	4882	44203	8	105	106539
	MAY	72	372	367	20	25	3	2	12	8	214	171	243	4904	44752	14	124	73024
	JUN	70	512	436	61	22	5	1	11	3	172	239	270	5013	45401	30	131	108115
	JUL	69	457	436	15	55	3	1	13	7	215	158	239	5113	45710	20	74	103585
	AUG	73	472	482	37	17	1	0	10	17	236	229	248	5328	45975	21	141	111950
	SEP	77	336	389	22	29	7	0	35	34	159	203	264	5361	46115	9	120	116043
	OCT	78	381	443	46	29	1	0	4	12	171	172	249	5423	46719	14	126	132814
	NOV	80	339	324	29	57	0	0	11	13	159	173	259	5409	46721	18	96	130612
2011	Total		4413	4290	297	297	39	19	163	162	2210	2083	2697		178	1217	1205214	

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



Colorado Oil Gas Conservation Commission Monthly Statistics

YEAR	MO	Well Oper Change	Operators		Release		Bonds		Claim	Hearings		Violations		Spills	Remediation Projects		Field Insp		
			New	Inactive	Ind.	Blknt	Ind.	Blknt		Apps.	Order	NOAV	AOC		OFV	Comp		Rcvd	Comp
2008	Total	9019	153	44	50	59	107	0	0	109	92	308	16	2	222	430	259	113	9454
	JAN	223	11	4	6	3	7	1	0	14	15	15	7	0	9	35	9	1	884
	FEB	646	6	2	6	1	10	0	0	4	7	21	0	0	15	25	7	16	1184
	MAR	911	10	2	2	2	8	0	0	10	8	32	0	0	43	35	36	5	796
	APR	1127	5	2	5	2	4	0	0	NA	NA	21	NA	NA	31	34	30	3	946
	MAY	170	9	6	3	6	7	0	0	7	2	25	0	0	15	27	7	4	822
	JUN	177	5	2	3	3	6	0	0	11	9	9	26	0	1	10	23	19	1093
	JUL	251	8	7	3	5	9	0	0	5	5	9	1	0	12	23	26	8	798
	AUG	185	5	0	2	3	4	0	0	10	9	25	0	0	14	10	20	6	744
	SEP	320	7	10	7	5	12	0	0	6	5	22	0	0	20	21	8	17	782
	OCT	508	5	9	10	12	7	0	0	13	4	16	0	0	24	34	13	14	575
	NOV	545	6	4	2	7	18	0	0	7	9	27	0	0	3	54	21	16	725
	DEC	603	3	2	5	4	4	0	0	NA	NA	21	NA	NA	6	50	12	25	642
2009	Total	5666	80	50	54	53	96	1	0	87	73	260	8	1	202	371	208	133	9991
	JAN	654	4	6	1	7	10	0	0	16	14	36	0	0	11	38	22	13	1160
	FEB	734	5	3	4	4	3	0	1	11	13	9	0	0	11	54	19	14	1143
	MAR	2171	4	5	6	6	7	0	0	13	12	37	0	0	6	29	41	10	2046
	APR	597	5	2	9	2	4	0	0	21	15	5	0	2	17	42	23	22	1183
	MAY	641	3	3	10	0	8	0	0	NA	NA	8	NA	NA	13	38	44	51	1364
	JUN	653	3	0	2	2	2	0	0	23	20	22	0	0	20	34	52	42	1308
	JUL	624	5	0	0	0	8	0	0	12	6	37	1	1	20	46	39	26	971
	AUG	556	3	2	2	1	5	0	0	8	12	40	1	0	33	46	39	22	1581
	SEP	460	4	3	0	4	4	0	0	13	7	32	2	0	11	44	55	38	1388
	OCT	423	3	3	0	7	2	0	0	19	16	30	0	0	33	32	96	24	1595
	NOV	429	2	5	2	6	5	0	0	19	21	20	6	0	20	48	51	49	1535
	DEC	480	5	1	2	1	16	0	0	NA	NA	43	NA	NA	23	42	30	71	1801
2010	Total	8422	46	33	38	40	74	0	1	155	136	319	10	3	218	493	511	382	17075
	JAN	811	1	2	3	1	4	0	0	16	15	42	3	2	34	40	47	44	1316
	FEB	356	1	1	9	4	6	0	0	16	15	7	0	1	40	51	48	33	1592
	MAR	590	2	3	6	3	9	0	0	NA	NA	31	NA	NA	33	48	59	27	1674
	APR	398	2	0	3	2	1	0	0	24	24	8	0	0	10	52	38	61	959
	MAY	542	3	0	5	2	4	0	0	77	65	16	2	5	26	31	31	51	1576
	JUN	649	2	2	2	2	0	3	0	51	58	30	1	4	14	38	53	25	1098
	JUL	545	3	6	3	6	3	1	0	NA	NA	29	NA	NA	13	38	92	20	516
	AUG	567	2	3	12	7	2	0	1	68	54	26	2	2	20	54	106	56	1032
	SEP	541	5	1	7	5	2	0	0	44	41	4	2	4	17	38	56	66	633
	OCT	463	4	2	12	6	7	0	3	57	45	9	0	0	15	37	94	28	511
	NOV	50	4	9	15	4	1	0	0	NA	NA	15	NA	NA	14	30	49	61	10
2011	Total	5512	29	29	77	42	39	4	4	353	317	217	10	18	236	457	673	472	10917

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