# COLORADO Oil & Gas Conservation Commission Staff Report

June 17, 2014

# TOP STORIES

#### E & P Waste Spill and Release Rules

As a result of the December 2013 amendments to Rules 337 and 906, the Form 19 (Spill/ Release Report) has been revised to align with the amended rules. The revisions provide for transition an electronic, Internetto based reporting process (eForms) and the "paper submittals" of the Form 19 will be phased out. The eForm 19 was released on April 24, 2014. The COGCC conducted several two-hour training sessions for operators on the use of the eForm 19 which included a presentation by COGCC staff, followed by time for questions and answers. Three training sessions took place at the in March 2014 and were attended by approximately 100 industry representatives. Additional training sessions may be scheduled, if necessary.

## Local Government Liaison (LGL) Program Update

Local Government Liaisons (LGLs) Marc Morton and Nancy Prince continue to provide valuable assistance, outreach and support to local governments, the public, and other organizations. As part of that effort, the LGLs recently published the Spring 2014 Local Government Designee (LGD) Newsletter. The current and three previously published issues are available on the COGCC website under the "Local Gov" link. The newsletters contain pertinent articles on topics such as advantages to local governments for participating in the LGD program, use of Memorandums of Understanding (MOUs) between local governments and operators, and summaries of recent updates to COGCC rules and policies. The LGD Newsletters also provide instruction on how to sign up to participate in the LGD program. The LGD Newsletters contain various other items of interest to local governments, the public, and others interested in the regulations of oil and gas in Colorado.

146 entities (56 counties, 82 municipalities, and 8 Special Districts) currently participate in the voluntary (but highly beneficial) LGD program. Because participation in the LGD program is voluntary, the LGLs will be contacting all nonparticipating jurisdictions to encourage their participation in the valuable program, and inform them of the program's benefits. This work will occur in the coming weeks.

As a reminder to all LGDs, it is imperative to contact COGCC, via submittal of an updated Form 29, of any change in e-mail address or contact information, or change in the status of your participation in the LGD program.

Free LGD training is offered by regularly by the Training is recommended every two years for LGDs, associated staff, and others interested in the regulation of oil and gas in Colorado. If you are an LGD and have not taken part in training offered, various training upcoming training opportunities are available in 2014.

LGD training provides an update on COGCC rules and policies; information on lifecycle of a well; oil and gas basics; well and location permitting; LGD rights, powers, and responsibilities; and COGCC website and database navigation.

To pre-register for a planned 2014 training, please send an email to: dnr\_cogcc.hearings\_mgr@state.co.us

Be sure to include "LGD Pre-Registration Request" in the subject line, and include names, affiliation, email addresses, and phone contact information for all participants. In response, you will receive a confirmation email and additional details. Please note that space is limited at the venues, and registration may be capped once a venue is filled.

If you aren't able to make one of these scheduled dates (see below), please call or e-mail the LGLs (Marc Morton or Nancy Prince) and arrange-



ments can be made to provide training for your group or organization at a convenient venue.

#### 2014 LGD Training Schedule

- Monday, June 16 Garfield County Public Library- Rifle Branch, 207 East Avenue, Rifle, CO
- Tuesday, July 15 Library 21c, 1175 Chapel Hills Drive, Colorado Springs, CO
- Tuesday, August 5 COGCC Denver Office, 1120 Lincoln Street., Suite 801, Denver, CO (Please note that the venue is at capacity, a wait list is available and a second training is under consideration)
- Tuesday, October 28 Durango Public Library, 1900 E 3rd Ave, Durango, CO

LGD training is recommended every two years for LGDs, associated staff, and others interested in the regulation of oil and gas in Colorado. If you are an LGD and did not take any of the eight trainings offered in 2013, we recommend you get pre-registered to reserve your space. If you aren't able to make one of these scheduled dates, call or e-mail Marc Morton or Nancy Prince and we will arrange specialized training for your group or organization at a convenient venue.

A list of the LGL outreach and public involvement activities conducted since the last staff report is included in the Public Outreach section listed on the next page.

# **Public Outreach**

# Outreach by Director and other Staff Members

On May 14, 2014, Field Inspections Manager Margaret Ash participated in a one and half hour panel discussion on stormwater regulation in Colorado. The discussion took place after a training program on Stormwater and Erosion Control for Oil and Gas Operations presented by Altitude Training Associates. Maura McGovern with the Water Quality Control Division also participated in the panel discussion. The workshop was held in Grand Junction, Colorado and attended by oil and gas operators and consultants.

- On May 31, Director Matt Lepore participated in a Townhall meeting with Rep. Kathleen Conti in Centennial on oil and gas regulations.
- On June 2, Director Lepore was on a panel to discuss latest developments in energy regulations during the Denver Metro Chamber of Commerce monthly meeting.
- On June 5, Deputy Director Dave Kulmann and Margaret Ash met with Western COGA during its Joint Task Force meeting to answer questions and provide update on activities within the OGCC.
- On June 5 and 6, Mike Leonard completed the FEMA Basic Public Information Office Training in Hugo Colorado. This course is part of a training curriculum that provides the foundation for more advanced training in public information.
- On June 6, Hearings Manager Robert J. Frick and Permitting Manager Jane Stanczyk presented at the Annual Colorado Conference of the Rockies Chapter National Organization of Royalty Owners in Longmont, Colorado. The presentation included COGCC website navigation, the well permitting process, and an overview of current industry trends in the state.

# > <u>Outreach by COGCC Local Government</u> <u>Liaisons (LGLs)</u>

- On May 6, 2014, Nancy Prince, Marc Morton and Hearing Officer Jill Dorancy conducted an LGD Training at the Weld County Administration Building in Greeley. Training was provided to 24 individuals including area LGDs, other local government staff, representatives from academia, and one student.
- On May 7, Nancy Prince, Quality Assurance Professional Mike Leonard, and Oil and Gas Location Assessment Specialist Melissa Housey attended the Aurora LGD meeting where representatives from a land development company and an oil and gas operator described their process to develop surface use agreements that are in harmony with COGCC setback rules.
- On May 12, Marc Morton attended a FrackingSENSE: Greeley lecture (in Greeley, CO).



Panelists included COGCC Director Matt Lepore, Gary Graham of Western Resource Advocates, David Baumgarten of Gunnison County, and Mike Paules of WPX Energy. The topic was the regulatory environment for oil and gas. The FrackingSENSE: Greeley community event was organized by the Center of the American West, in conjunction with a research grant from the National Science Foundation, and with support and participation from the City of Greeley, KUNC, The Greeley Tribune, Weld Air and Water, University of Northern Colorado Greeley, Synergy Energy, and the UNC Faculty Task Force on Hydraulic Fracturing.

- On May 15 and 16, Marc Morton attended the Energy and Environment Symposium - Oil and Gas Education for Local Government, in Rifle, Colorado, and organized by Garfield County. Topics included fiscal impacts of oil and gas to local governments; research and information regarding environmental impacts of oil and gas development; recent regulatory changes; perspectives on local land use planning and local control or oil and gas; and local planning approaches to oil and gas regulation. COGCC Director Matt Lepore summarized recent COGCC regulatory changes. Marc and a portion of the group participated in a field tour of the Rulison Water Treatment Facility operated by WPX and a centralized hydraulic fracturing facility site also operated by WPX.
- On May 21, Nancy Prince met with Peter Wysocki, Director of Planning for Colorado Springs, and Cindy Thompkins, Manager for the towns of Calhan and Ramah regarding participation in the LGD program.
- On May 28, Robert Frick, Nancy Prince, and Melissa Housey met with Adams County Planning Department to discuss the process for their planned updates of oil and gas regulations.
- On May 28, Nancy Prince attended the kick-off meeting for the Town of Wiggins Source Water Protection Plan led by Colorado Rural Water Association.
- On May 29, Marc Morton attended the Mesa County Board of County Commissioners and Land/Resource Managers Quarterly Meeting in

Grand Junction. Representatives from various federal, state, and local land and resource management agencies attended the meeting and provided updates. Marc provided an update on COGCC activities including the upcoming Commission Hearing in Rifle, upcoming LGD training opportunities in western Colorado, and recent staffing changes. Marc also pointed out the availability online of the COGCC staff report concerning lessons learned as a result of the September 2013 flood event that affected northeast Colorado.

- On June 4, Nancy Prince attended the Fremont County local mayor's meeting to discuss status of the DOLA extraction grant-funded road repair and current oil and gas activity in the area.
- On June 5 and 6, Marc Morton attended the annual Martz Summer Conference at the Getches-Wilkinson Center at University of Colorado Law School in Boulder, CO titled Water and Air Quality Issues in Oil and Gas Development: The Evolving Framework on of Regulation and Management.
- On June 5 and 6, Nancy Prince and Mike Leonard completed the FEMA Basic Public Information Office Training in Hugo Colorado.
- On June 16, Marc Morton and Nancy Prince provided an LGD training at the Rifle Branch of the Garfield County Library. Training was provided to individuals including area LGDs, various prospective LGDs, local county and municipal government staff, and others.

# **REGIONAL ACTIVITIES**

#### > 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 indus-



try representatives easily accessible to the public. Currently, the meetings are conducted once per quarter and are co-chaired by Director Matt Lepore and Garfield County Commissioner Mike Samson.

The last meeting of the Forum was held on June 5, 2014 at 10:00 a.m. in Rifle, CO at Colorado Mountain College. The next meeting is in early September. All parties wishing to be placed on the meeting agenda, or added to the distribution list for announcements, should contact Dave Andrews at: 970-625-2497 or via email at: david.andrews@state.co.us

#### Project Rulison

Please note that the email for Project Rulison submittals has been changed to:

DNR\_rulison.submittal@state.co.us

#### Project Rio Blanco

Please note that the email for Project Rio Blanco submittals has been changed to:

DNR\_rioblanco.submittal@state.co.us

# > SOUTHWEST COLORADO

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

The last GORT/Southwest Colorado Oil and Gas Stakeholders meeting occurred on FridayTuesday, May 6, 2014 from 8:30 a.m. to noon at the La Plata County Fairgrounds in Durango, Colorado.

The next GORT meeting is scheduled for Friday, July 17, 2014 from 8:30 a.m. to noon at the La Plata County Fairgrounds- Animas Room, 2500 Main Avenue, Durango, Colorado. All parties wishing to be placed on the next meeting agenda should contact Mark Weems at 970-259-4587 or to: <a href="mark.weems@state.co.us">mark.weems@state.co.us</a>.

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

<u>Fruitland Formation Outcrop - 4M Pilot Scale</u> <u>Mitigation Projects La Plata County.</u> The 4M Monitoring Report (May 22, 2014) has been posted on the COGCC webpage under Library, San Juan Basin, 4M Project Reports.

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. Operations and maintenance (O&M) activities were conducted on September 30 and October 1, 2013 by COGCC and Northwest staff. In general, the locations held up well during the recent large storm events although several access roads were damaged. The upper transducer at Highway 151 #2 starting giving erratic readings in late June 2013 and ceased transmitting in late July 2013. There was no surface evidence of problems, indicating the transducer itself has probably failed. Erratic readings from the upper transducer at Wagon Gulch #2 were determined to be from a loose wire in the hub which was reconnected. Data now appears to be transmitting normally. Wellhead leaks at South Fork Texas Creek #2 are still evident and require repair. Pending O&M activities includes the replacement of the upper transducer at Highway 151 #2 and a rebuild of the wellhead at South Fork Texas Creek #2. In addition it is planned to swap out the Level Troll™ datalogger system at a Basin Creek well and install an AguaTroll™ to run an assessment if different monitoring technologies may provide more accurate water level information. The Beaver Creek locations continue to be inaccessible due to surface access issues and the BP Highlands location was not visited due to potential road damage and wet road issues. Both locations are currently reporting normally via the telemetry system. . A field visit by the COGCC and their contractor is planned for late June/early Julv .

Ongoing Investigation, Reclamation, and Mitigation of Residual Methane in the Vicinity of the Bryce 1-X Well Area, Bondad, Colorado Three domestic water wells were sampled at the Bondad location on May 14, 2014 by Four Corners Geoscience staff Free methane results ranged from 0.63mg/l in the Middle well to 4.92 mg/l in the South well. Due to a mechanical failure, a sample from the North well was not obtained. Analytical and isotopic data are pending.



#### SOUTHEAST COLORADO

 U.S. EPA Raton Basin Hydraulic Fracturing Study - Las Animas and Huerfano Counties

As part of the retrospective study of possible impacts from well completions, a third round of sampling and analysis of groundwater from two areas in the Raton Basin was conducted during the week of November 5, 2012. COGCC staff, as well as contractors for Pioneer Natural Resources, collected split samples at many of the sites. The EPA released an interim progress report on the study in December 2012. The EPA is expected to release the study in a draft for public and peer review in 2014. Ultimately, results from the study are intended to inform the public and provide policymakers at all levels with highquality scientific knowledge that can be used in decision-making. For more information on the EPA hydraulic study, go to http://www.epa.gov/ hfstudy/.

# > VARIANCES

#### Noble Energy, LLC

A Form 2A (No. 400544706) containing a variance request from Rule 605.a.(2) was approved on May 21, 2014. Noble Energy, Inc. ("Noble") requested a variance from Rule 605.a.(2) for their Five Rivers K09-62-1HN Project. Rule 605.a.(2) requires tanks to be at least two (2) diameters or three hundred fifty (350) feet, whichever is smaller, from the boundary of the property on which it is built. Where the property line is a public way the tanks shall be two thirds (2/3) of the diameter from the nearest side of the public way or easement. In this case, the section line is the property line and a two diameter tank setback from the section/property line (line) would apply. The existing access road was built trending north, deviating northeast from the line. The land use and development has evolved in accordance with the orientation of the access road rather than the line. By seeking this variance, Noble seeks to continue consolidating facilities with the historical development, and to avoid placing production facilities in the floodplain west of the existing facilities. The property on both sides of the line is owned by the same landowner. The property is located at the  $SE^{1/4}SE^{1/4}$  of

Section 8, Township 4 North, Range 66 West, 6th P.M.

#### ORGANIZATION

#### **New Eastern Plains Field Inspection Supervisor**

Craig Aaron Quint has been promoted and is now the Eastern Plains Field Inspection Supervisor. Although he started working for the COGCC as a field inspector in 2010, Craig has over 36 years of experience in the oil and gas industry including drilling, production, gas processing and wireline operations. He has had training and certification in numerous programs and worked many phase of oil and gas including exploration, completions, gas processing and regulatory. His stated goal is to combine and pass on his knowledge and experience in these areas to benefit his colleagues and the agency.

#### **New Reclamation Specialists**

Catherine Roy has over 10 years of experience working in restoration ecology, environmental consulting for oil and gas, and botany. She received her bachelor's degree from Utah State University and Master's degree in Biological Sciences with emphasis in Restoration Ecology from California Polytechnic State University in San Luis Obispo, CA. Catherine has also has a diverse background in environmental regulation and management. She will work out of her home office in Durango and will cover southwestern Colorado.

Ryan Costa is the new Reclamation Specialist for the southeastern region and is a native of this region. He has a bachelor's degree in Rangeland Ecology and Watershed Science from Colorado State University. He has worked in the oil and gas industry performing and monitoring reclamation and stormwater projects throughout Colorado and Wyoming for four years and has been involved in a broad range of reclamation projects throughout the state of Colorado. He has also served as an environmental technician for the mining and agricultural industries.

Amanda Goodwin has spent the past two years on Colorado's Western Slope as a stormwater inspector and reclamation coordinator for the private sector of the oil and gas industry. She comes by way of Utah, where she earned her Masters in



Landscape Architecture from Utah State University, with an emphasis in low impact design and phytoremendation. Prior to this, she received a bachelors and Masters in Architecture from Norwich University in Vermont, with a concentration in subterranean structures. Amanda will cover the northwestern part of the state.

#### **New Field Inspectors**

Curtis Conklin graduated from Colorado State University in 2003 with a Bachelor in Animal Science and Equine Industry Concentration. He has been in the Oil and Gas industry for almost eight years, starting as a certified heavy equipment operator building roads, locations, storm water and doing reclamation. Most recently he was with Cameron Surface Systems where he oversaw the installation of pressure control systems (i.e. well heads, frac trees, and valves) and pressure tests for various equipment. He is also a NCCCO Certified crane operator. He currently resides in Collbran, CO.

Kyle Granahan is a new field inspector working out of the Rifle area and will report to Shaun Kellerby. Kyle has been in the oil and gas industry since 2007 when he went to work for Schlumberger focusing on cementing and specialty frac jobs. In 2012, he started working with Patterson-UTI Drilling dealing with all aspects of and gas drilling. Kyle worked on Rig 308 which drilled many wells in the Rifle and Parachute area. Kyle has his Associates of Arts degree and is considering furthering his education in engineering.

An organizational chart can be found on pages 10-13. For contact information, please go to our homepage, and then "Staff Contact Information."

#### > PLANNING/ADMINISTRATION/OTHER

 Plugging and Reclaiming Abandoned Wells (PRAW) - Project Updates

The DB Orphan Blair #1 Project came into being when on July 7, 2013 a ditch rider discovered water flowing from the ground and discharging into an irrigation ditch located on the NW edge of DeBeque, CO in Mesa County. The

COGCC was contacted on July 9<sup>th</sup> and because other orphaned oil and gas wells had been previously discovered and plugged by the COGCC, the COGCC assumed responsibility and had water samples gathered for lab analysis. Lab analysis indicated salty water which is indicative of oil and gas geologic sources. The ground around the water flow was dug up and the source of the leak was determined to be from a hole in a pipeline which was traced back to an old abandoned well that appears to have been drilled around 1902 based on old USGS reports. The salt water discharge into the ditch was terminated by sealing the well head and then disconnecting the pipeline.

To date the plugging design, cost estimate and bid documents have been prepared; however, this project has been delayed until after July 1<sup>st</sup> of this year due to the recent discovery of leaking wells found in Larimer County in proximity of the lands flooded last September.

The Larimer County Project includes three wells recently discovered in lands located in the rain flooded areas from last September. All three wells have been re-entered and plugged by the COGCC. The Culver-Shamrock #1 was found to be leaking is located in the flood plains of Thompson Creek and because of concerns for the spring runoff; it was deemed an Emergency Project. Projects with emergency status by-pass the bidding process and a contractor was selected and hired. In close proximity are two additional wells that were also in need of plugging. The Kaley #1 was leaking, too, and is located on higher grounds in an irrigated hay field. The Jessica #1 has been previously plugged, is not currently leaking, but will be re-entered and assessed since it is of the same vintage and very close to the other two wells. Ninety-Five thousand five hundred fourteen dollars (\$95,514) were spent to plug these wells and because of budgetary constraints, this project displaced the DB Orphan Blair #1 project for this fiscal year (July 2013-June 2014).

The PAST Project includes three leaking plugged and abandoned wells that were re-entered and replugged and have been renamed the 2013 Piceance Re-entries Project to avoid confusion with other work. Two are located in Garfield County and one is in Mesa County. This work commenced in June 2014 and successfully completed July 2014 for a total cost \$236,776. The fiscal

year begins July 1<sup>st</sup>; so, a portion of the costs were charged to FYE2013 and the balance to this fiscal year (FYE2014) or \$150,886. These sites need surface reclamation which will likely take place in the next fiscal or after July 1, 2014.

The Pasture #1 Project involves the final abandonment of the well which includes cutting the casing off three feet below ground level and installing a well marker and sign. This work, too, has been re-scheduled after July 1<sup>st</sup> because of the Larimer County Emergency Project.

The Debeque Environmental and Reclamation Project involves the remediation and reclamation of soils contaminated by salt water in the vicinity of the orphaned wells known as the Homestead #2 and the Pasture #1 wells. Both sites are located in Mesa County on the NW edge of DeBeque, CO. Soil sampling and lab analysis has been completed on both well sites. The Homestead #2 will be partially completed this fiscal year (FYE2014) and carried forward into next fiscal year (FYE2015). No work has been done on the Pasture #1 and it, too will also be carried forward after July 1st.

Biscuit Pad Remediation Project includes two well pads and the two respective access roads where they are currently located in an active irrigated hayfield. The goal is reclaim and return the lands back to agricultural purposes. This project is located in Garfield County near the NE border of the town of Rifle and east highway 13. The lowest bid from the list of qualified contractors came in at \$143,000 and the work had been awarded to Tally Ho Construction, Inc. Tally Ho facilities and offices are headquartered in Rifle, CO. Tally Ho Construction commenced work on the project October 2013. To date, approximately 92 percent of the project is complete with a goal to have the project fully completed within the next couple of weeks. The final punch list includes removal and disposal of materials used to minimize soil erosion (BMP's), seeding for the north pad and fill areas, final surveys for soils and rock materials and moved and placed, and demobilizing and moving equipment offsite.

The Tatonka Reclamation Project includes three well pads located in Moffat County with two well pads being on the Culverwell property that can

be found approximately 20 miles west of Craig, CO and a couple of miles north of Hwy 40 with another well pad and pit being located on the Gerber property and found four miles west of Craig and three miles north of Hwy 40. A contractor has provided a documented quote and price to reclaim the mud reserve pit on the Gerber pad. Work commenced on the Gerber pit and will have to be carried forward to after July 1st (FYE2015). No reclamation work has been done to date on the Culverwell pad. This project is also re-scheduled after July 1st.

The Gentry Project is located in Rio Blanco County and includes 10 sites with eight wells and two pits that can be found approximately a half mile west of Rangely, CO and one and a half miles south of Hwy 64. The landowner has plans to do some land development and brought the matter to the attention of the COGCC. This project is also re-scheduled after July 1, 2014.

Page 14 contains a spreadsheet listing PRAW projects that are either scheduled in process or completed as of June 4, 2014.

#### **July 2014 Hearing Docket**

A docket for the July 2014 hearing will be available shortly after the June 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 email notification of hearing notices and applications, please see the announcement and instructions on the homepage of the COGCC website: <a href="https://www.cogcc.state.co.us">www.cogcc.state.co.us</a>

#### Colorado Oil and Gas Information System (COGIS) Projects, Updates and Changes

#### **Environmental Database**

During the past 18 months, the COGCC and the Ground Water Protection Council (GWPC) have been working together to develop a new Environmental Database that will contain the results from the from the Colorado Oil and Gas Association Voluntary Baseline Groundwater Quality Sampling program, along with other environ-

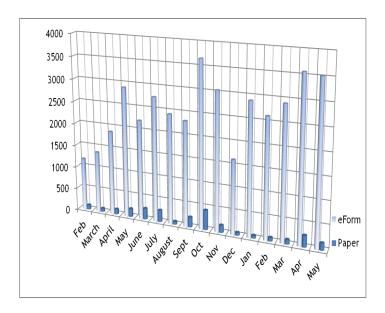


mental data collected by the agency. The project Sampling program, along with other environmental data collected by the agency. The project included the development of a new relational database model that will allow the data to be accessible to the public from the COGCC website.

Other improvements include an Electronic Data Deliverable that allows industry to submit the results of the sampling directly to the COGCC, which can then process the information directly into the database. The application has many other features to help staff analyze the information and understand the lab results from the sampling. The interface will allow the public to view and download the results.

#### **Electronic Form Submissions (eForm)**

# TOTAL ELECTRONIC FORM SUBMITTALS FEBRUARY 2013 - MAY 2014



Forms currently available through eForm:

Form 2 - Application for Permit to Drill

Form 2A - Oil and Gas Location Assessment

Form 4 - Sundry Notice

Form 5 - Drilling Completion Report

Form 5A - Completed Interval Report

Form 6 - Well Abandonment Report

Form 10 - Certification of Clearance/Change of Operator

Form 15 - Earthen Pit Report/Permit

Form 17 - Bradenhead Test Report

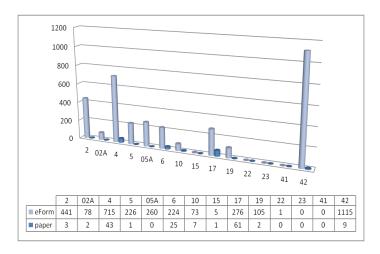
Form 19 - Spill/Release Report

Form 41 - Trade Secret Claim of Entitlement

Form 42 - Notice of Notification (Notice of Hydrau-

lic Fracturing)

Following is a breakdown by Form for the month of May 2014:



The development team is working on several forms concurrently. The Form 22 Accident Report is in final testing and should be released soon. Forms 14, 14A, 26, 31 and 33 are in various stages of development.

As forms are released on eForm, updates to the PDF version on our Forms page, <a href="http://cogcc.state.co.us/Forms/forms.html">http://cogcc.state.co.us/Forms/forms.html</a>, will occur in tandem. These new versions of the PDF forms will reflect any changes that have taken place when forms are moved into eForm.

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 305 operators using eForm.

The public is permitted to 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 Loca-



tion 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 his 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 <a href="http://cogcc.state.co.us/">http://cogcc.state.co.us/</a> Announcements/COUAInformation.pdf.

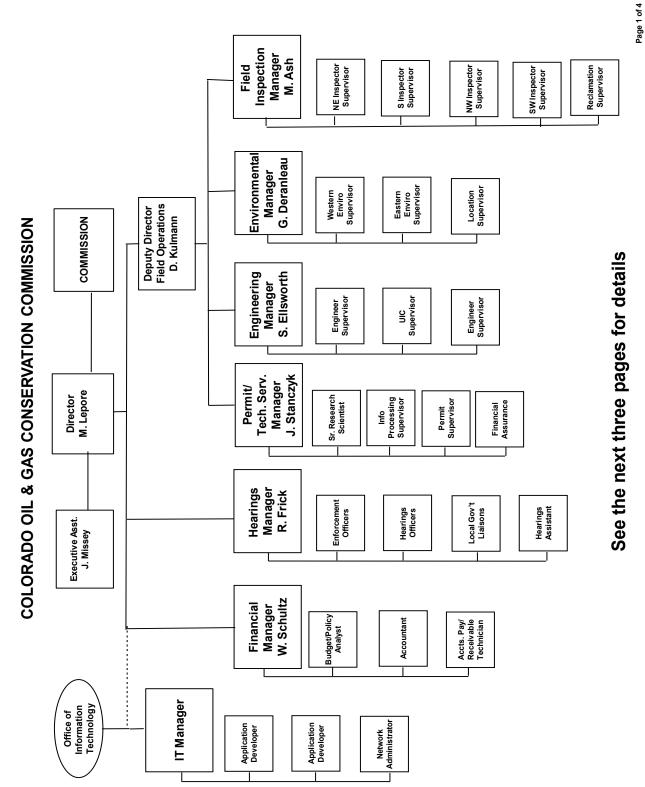
#### Website Update Project

The COGCC website is being redesigned to simplify site navigation and to improve overall ease of use for both internal and external users. Content is being reorganized with an emphasis on public accessibility to information about oil and gas operations in the state, including Commission rules, regulations, hearings, wells, and production data. The new COGCC site is slated to go online in the Fall of 2014 with beta testing beginning this summer. Initially, most of the database search and mapping tools will be moved unchanged from the old site to the new, with a schedule of systematic future upgrades.

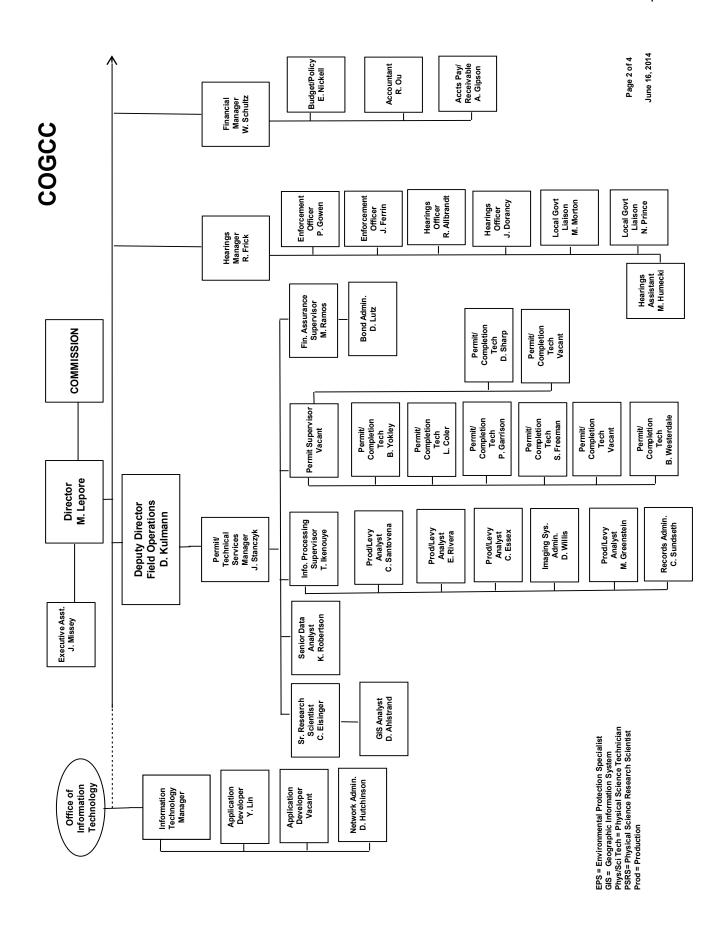
#### Financial Assurance Operator Audit

Since August 2013, the Financial Assurance unit, together with our student intern from Arrupe Jesuit High School, has been conducting a phone audit with operators to verify that our database contains accurate address and phone numbers as required by Rule 302.a, Registration for Oil and Gas Operations. Approximately 900 records were reviewed and letters were sent to 90 operators requesting submittal of a new Form 1 with current information. This has been a slow process, but some operators have been brought into compliance with receipt of their new Form 1. We are now beginning the final stage of this audit in which we initiate enforcement action for non-compliance.

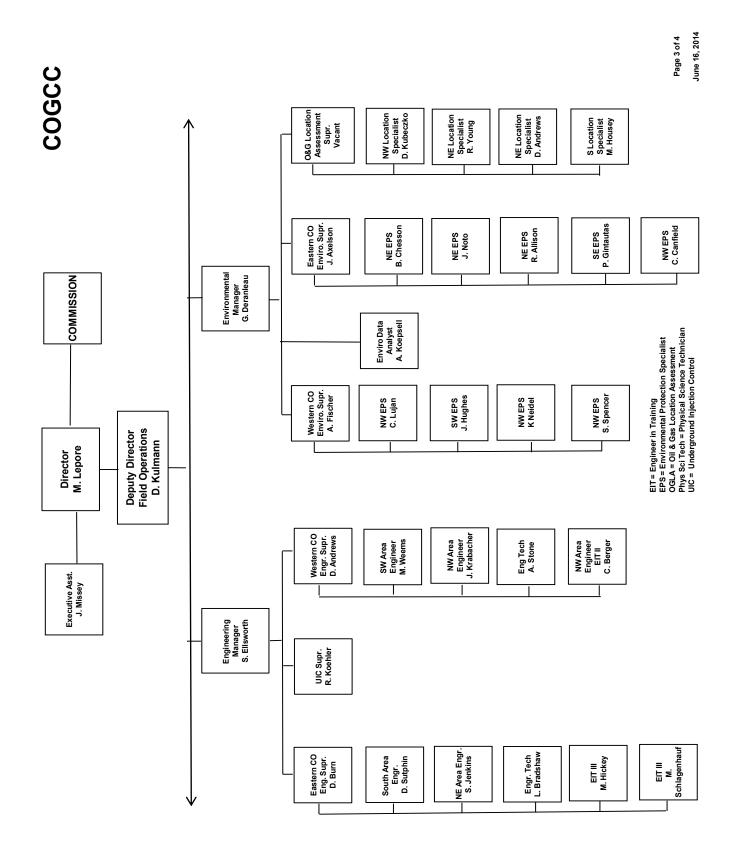


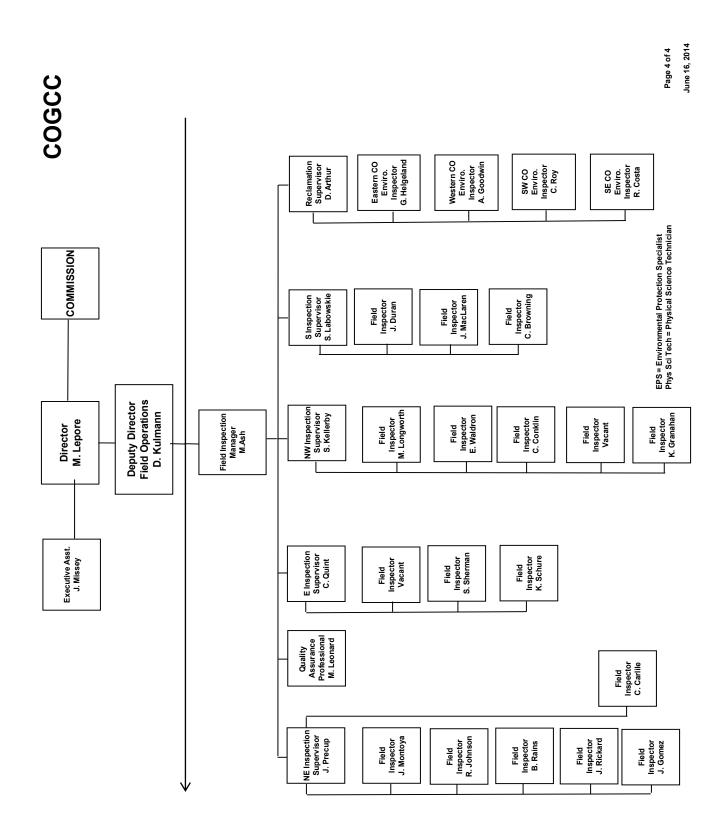


June 16, 2014









# June 17, 2014



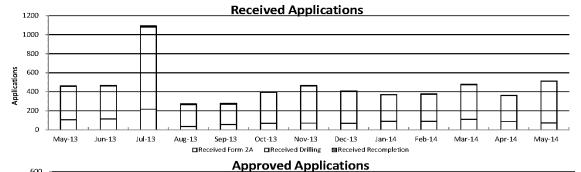
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Page 20   December 2011   De	WESA	ЬА	Pasture #1	НSTD	0\$	\$5,000	\$0	\$5,000	\$0	\$0	\$0		eak has stopped; will cut off casing and instal PA marker and epair the gate to the location. Plans are to piggy back it with the Debeque Water Flow to save on mobilization charges.
1	Rio Blanco	Plugging	Gentry	GENT	\$0	\$30,000	\$0	\$30,000	\$0	0	\$0		Plug and abandon
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Fig. 10   Fig.	N PROGRESS				ESTIMA	TED TOTAL PF	ROJECT COS		FY 2	013-2014 YTD E	XPENDITUR	ES	
Parcellistor   Blocot Pace	COUNTY	TYPE	PROJECT NAME	Acct Code	BOND	PRAW	EMGY	TOTALS	BOND	PRAW	EMGY	TOTALS	DESCRIPTION
Figure   F													Two well pads and two access roads: South South add dirt work mostly complete; still need to till in soil amendments
Chical   C	Sarfield	Remediation		DOLP	\$15,926	\$127,074	80	\$143,000	\$15,926	\$116,284	0\$		North Pad sirrors, work halted w/o better weather and sirround conditions (6" in snow on grd)
St. 22916   St. 22916   St. 22918   St.	MESA	REC/ENV	DeBeque-HOMESTEAD #2 & PASTURE #1 SALT REMEDIATION, RECLAMATION, & SOIL GAS SURVEYS	Щ	\$0	\$12,297	0\$	\$12,297	0\$	\$12,297	0\$		Wo sites; only the Homestead #2 to be done this fiscal year. To not salt remediation, topsoil amendments/spreading, seeding, and soil gas surveys near plugged and abandonment wells.
STRICTOR	MOFFAT	REC			0\$	\$2,918	\$0	\$2,918	0\$	\$2,918	\$0		Reclaim Three (3) well sites: Serber well site and pit Culverwell 1-site w two conductor casings Culverwell 2 and site w/ beginnings of pad scape off
BOND   SPACE   PRAW   ENGY   COST			TOTALS =>		\$15,926	\$142,289	0\$	\$158,215	\$15,926	\$131,498	\$0	\$147,424	
Second   Property   Property   Second	COMPLETED				ANITOS	TED TOTAL DE	SOUT TO S		16 2	143 2044 VTD	VDENDE	o U	
\$0         \$50,227         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$0         \$10,086         \$10,086         \$0         \$10,086<	SOUNTY	TYPE	PROJECT NAME	Acct Code	BOND	PRAW	EMGY		BOND	DIS-2014 YID E PRAW	EMGY	TOTALS	DESCRIPTION
\$0         \$25,000         \$0         \$25,000         \$0         \$18,574         \$0         \$18,574         Well not beaking creating under the verifity proper           \$0         \$25,000         \$0         \$25,000         \$0         \$53,491         \$0         \$53,491           \$0         \$182,287         \$0         \$246,400         \$0         \$246,400         \$0         \$246,400           \$0         \$182,287         \$0         \$182,287         \$0         \$246,400         \$0         \$246,400           ESTIMATED TOTAL PROJECT COSTS         FY 2012,2013 YID EXPENDITURES         \$0         \$246,400         \$0         \$246,400           \$15,906         \$460,230         \$15,226         \$379,626         \$0         \$395,632         \$0         \$395,632           \$15,906         \$443,304         \$0         \$460,230         \$15,226         \$379,626         \$0         \$395,632         \$0         \$395,632         \$0         \$395,632         \$0 <td>MESA/Garfield</td> <td>PLUG</td> <td>2013 Piceance Re-entries Kalev #1</td> <td>PICE</td> <td>80</td> <td>\$97,287</td> <td>08</td> <td>\$97,287</td> <td>\$0</td> <td>\$150,886</td> <td></td> <td></td> <td>Plugging three wells eaking PA well: will re-enter and plug</td>	MESA/Garfield	PLUG	2013 Piceance Re-entries Kalev #1	PICE	80	\$97,287	08	\$97,287	\$0	\$150,886			Plugging three wells eaking PA well: will re-enter and plug
\$10   \$25,000   \$0   \$55,401   \$0   \$53,401   \$0   \$53,401   \$0   \$53,401   \$0   \$0   \$0   \$0   \$0   \$0   \$0	-arimer	Plugging	Jessica #1	JESS	\$0	\$25,000	\$0	\$25,000	0\$	\$18,574			Nell not leaking, casing present, will re-enter to verfify proper pluoring and/or re-pluorif pecessary
\$0 \$182,287 \$0 \$182,287 \$0 \$246,400 \$0 \$246,400  ESTIMATED TOTAL PROJECT COSTS  BOND PRAW EMSY TOTALS  \$15,926 \$434,304 \$0 \$450,230 \$15,926 \$579,626  SCOREBOARD (PRAW FUNDING ONL.Y)  \$131,489 IN PROGRESS ESTIMATED TOTALS  \$10,000 HEND TO DAIT TOTALS  \$350,417 SUM OF IN PROGRESS TOTALS  \$539,417 SUM OF IN PROGRESS TOTALS  \$545,000 ANNUAL ALL OTMENT BUDGET TOTAL  \$	-arimer	Plugging	Culver-Shamrock #1	CULV	\$0	\$25,000	\$0	\$25,000	\$0	\$53,491	\$0		
STRIMATED TOTAL PROJECT COSTS   FY 2012-2013 YTD EXPENDITURES													
STATE   STAT					0\$	\$182,287	0\$	\$182,287	0\$	\$246,400	0\$	\$246,400	
SCOREBOARD (PRAW FUNDING ONLY)   S143,289   S434,384   S0   S480,230   S15,926   S17,024   S17					ESTIMA	TED TOTAL PR	OJECT COST	STATAL	-	012-2013 YTD E	XPENDITUR	ES	
SCOREBOARD (PRAW FUNDING ONLY)  \$13,289   IN PROGRESS ESTINATED TOTALS  \$13,486   IN PROGRESS SPENT TO DATE TOTALS  \$10,791   IN PROGRESS REMAINING TOTALS  \$10,791   IN PROGRESS TOTALS    \$280,477   SUM OF (IN PROGRESS TOTALS) AND (COMPLETED TO DATE TOTALS)  \$485,000   ANNUAL ALLOTMENT BUGGET TOTAL  \$545,500   ANNUAL ALLOTMENT BUGGET TOTAL  \$545,503   BALANCE PROJECTED TO DATE  \$520,131   SUM OF (IN PROGRESS TOTALS) AND (COMPLETED TO DATE TOTALS)  \$545,503   BALANCE PROJECTED TO DATE  \$550,000   ANNUAL ALLOTMENT BUGGET TOTALS  \$550,000   ANNUAL BUGGET TOTALS  \$550,000   A					\$15,926	\$434,304	0\$	\$450,230	\$15,926	\$379,626		\$395,552	
\$131,496 IN PROGRESS SPENT TO DATE TOTALS \$10,791 IN PROGRESS SPEND TOTALS \$10,791 IN PROGRESS TOTALS \$10,791 SUM OF (IN PROGRESS TOTALS) \$2390,417 SUM OF (IN PROGRESS TOTALS) AND (COMPLETED TO DATE TOTALS) \$390,417 SUM OF (IN PROGRESS TOTALS) AND (COMPLETED TO DATE TOTALS) \$445,500 ANNUAL ALL OTMENT BUDGET TOTAL \$545,583 BALANCE PROJECTED TO DATE  FEZO13 for the design work supervised my Mike Hickey. The balance of \$15,296 will be carried forward to					\$142,289	IN PROGRES	SCOREBO/ S ESTIMATED	ARD (PRAM)	V FUNDING	ONLY)			
\$379,626 COMPLETED TO DATE TOTALS \$390,417 SUM OF (IN PROGRESS TOTALS) AND (COMPLETED TO DATE TOTALS) \$445,000 ANNUAL ALLO TOMENT BUDGET TOTAL \$545,033 BALANCE PROJECTED TO DATE  \$554,533 BALANCE PROJECTED TO DATE  FE2013 for the design work supervised my Mike Hickey. The balance of \$15,296 will be carried forward to					\$131,498	IN PROGRESS	S SPENT TO	DATE TOTAL	s				
F2013 for the design work supervised my Mike Hickey. The balance of \$15,296 will be carried forward to tes environmental remediation					\$379,626 \$390,417 \$445,000 \$54,583	COMPLETED SUM OF (IN P ANNUAL ALL BALANCE PR	TO DATE TO ROGRESS TO DIMENT BUD OJECTED TO	TALS OTALS) AND OGET TOTAL ODATE	COMPLETE	D TO DATE TO	rals)		
	SISCUIT RANCI TYE2014. Inclu Project Types: "	H RECLAMATIC des well site for 'PLUG" indicate	N DESIGN* The original bond amount was \$25,000. \$90 if the Biscuit Ranch Mulvill 15-32 D & Biscuit Ranch 10-31 is bugging and abandonment, "REC" indicates reclamation	774 were spent ir I D , and "ENV" ind	r FYE2013 for the cates environmen	design work sup	pervised my Mi	ike Hickey. Th	ne balance of	\$15,296 will be	carried forwa	d to	
PRAW: indicates funding by the <i>Plugging and Reclaiming Abandoned Wells</i> line item	EMGY: indicates	s funding by the ates in process	Emergency Response line item										
	PRAW: indicate	s funding by th	e Plugging and Reclaiming Abandoned Wells line item										

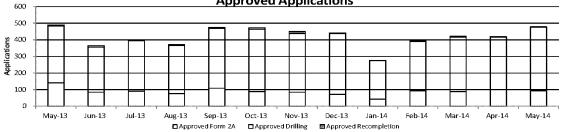


# Colorado Oil & Gas Conservation Commission <u>Monthly Permit Activity</u>

	Backlog	Received	Approved	Withdrawn	Rejected	Incomplete	In-Process	Remaining
Form2A								
May-13	225	106	142	4	0	37	148	185
Jun-13	185	114	85	7	0	41	166	207
Jul-13	207	218	91	15	0	34	285	319
Aug-13	319	35	76	0	0	47	231	278
Sep-13	278	56	109	0	0	68	157	225
Oct-13	225	68	88	6	0	69	130	199
Nov-13	199	72	85	6	0	57	123	180
Dec-13	179	68	71	6	0	57	113	170
Jan-14	170	90	43	7	0	47	163	210
Feb-14	210	91	94	3	0	51	153	204
Mar-14	204	110	88	4	0	48	174	222
Apr-14	222	88	99	18	0	25	168	193
May-14	193	73	94	7	0	26	139	165
Drilling								
May-13	430	350	342	31	0	45	362	407
Jun-13	407	349	272	18	0	57	409	466
Jul-13	466	863	304	14	0	65	946	1011
Aug-13	1011	232	291	3	0	160	789	949
Sep-13	949	214	361	2	0	160	640	800
Oct-13	800	325	376	12	0	115	622	737
Nov-13	737	389	353	10	0	88	675	763
Dec-13	763	338	367	7	0	110	617	727
Jan-14	727	278	232	77	0	75	621	696
Feb-14	696	284	297	4	0	109	570	679
Mar-14	679	366	329	13	0	103	600	703
Apr-14	703	274	317	16	0	63	581	644
May-14	644	440	383	16	0	53	632	685
Recompletion								
May-13	8	8	6	0	0	0	10	10
Jun-13	10	2	8	0	0	0	4	4
Jul-13	4	11	4	0	0	0	11	11
Aug-13	11	6	4	0	0	0	13	13
Sep-13	13	9	5	0	0	0	17	17
Oct-13	17	5	9	0	0	0	12	13
Nov-13	13	4	13	0	0	0	4	4
Dec-13	4	3	4	0	0	0	3	3
Jan-14	3	3	2	0	0	0	4	4
Feb-14	4	6	4	0	0	0	6	6
Mar-14	6	4	6	0	0	0	4	4_
Apr-14	4	2	3	0	0	1	2	3
May-14	3	2	2	0	0	1	2	3
								and the community of

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







#### Colorado Oil and Gas Conservation Commission Status of Permit Applications Filed By Month June 3, 2014

#### Form 2A Location Assessment

							Median			Greater
						Percent In	•	Less Than	30 to 49	Than 50
Year	Month	Received	Approved	Withdrawn	In Process	Process	Process	30 Days	Days	Days
2011	Total	2391	2298	93	0	0%		1416	620	262
2012	Total	1359	1289	68	2	0%		706	378	205
2013	1	177	163	12	2	1%	35	99	45	19
2013	2	91	83	8	0	0%	34	42	29	12
2013	3	131	122	9	0	0%	51	41	46	35
2013	4	150	141	7	2	1%	40	47	69	25
2013	5	105	100	4	1	1%	42	47	32	21
2013	6	107	89	15	3	3%	50	28	41	20
2013	7	204	198	3	3	1%	69	11	71	116
2013	8	58	56	2	0	0%	62	7	18	31
2013	9	56	53	3	0	0%	56	13	18	22
2013	10	63	61	2	0	0%	53	12	24	25
2013	11	76	70	5	1	1%	50	18	24	28
2013	12	68	61	6	1	1%	61	4	16	41
2013	Total	1286	1197	76	13	1%		369	433	395
2014	1	85	79	3	3	4%	50	12	36	31
2014	2	88	82	1	5	6%	48	11	36	35
2014	3	113	95	5	13	12%	40	30	42	23
2014	4	81	47	4	30	37%	33	18	28	1
2014	5	92	4	2	86	93%	26	3	1	0
2014	6	8	0	0	8	100%	0	0	0	0
2014	Total	459	307	15	137	30%		74	143	90

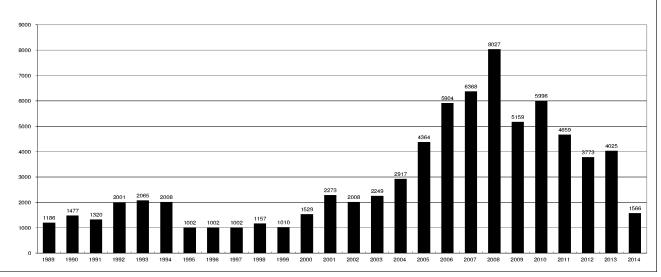
#### Form 2 Application For Permit to Drill (APDs)

			10111127	тррпсасіон	i i oi i cili	III to Dilli	(71 03)			
							Median			Greater
						Percent In	Days to	Less Than	30 to 49	Than 50
Year	Month	Received	Approved	Withdrawn	In Process	Process	Process	30 Days	Days	Days
2011	Total	4691	4557	132	0	0%		2723	1565	587
2012	Total	3955	3816	139	0	0%		1971	1393	602
2013	1	562	542	18	2	0%	36	278	179	86
2013	2	242	228	14	0	0%	36	78	126	38
2013	3	333	320	13	0	0%	43	123	119	84
2013	4	327	314	13	0	0%	40	105	153	59
2013	5	369	340	27	2	1%	40	111	181	59
2013	6	330	305	22	3	1%	47	110	131	66
2013	7	798	764	11	23	3%	67	106	218	451
2013	8	313	306	4	3	1%	63	13	138	160
2013	9	188	185	2	1	1%	70	21	66	105
2013	10	339	330	7	2	1%	71	22	89	226
2013	11	373	355	11	7	2%	59	49	147	164
2013	12	380	311	66	3	1%	68	30	79	204
2013	Total	4554	4300	208	46	1%		1046	1626	1702
2014	1	261	244	5	12	5%	50	35	117	96
2014	2	298	269	13	16	5%	54	37	94	143
2014	3	359	307	8	44	12%	47	50	133	128
2014	4	224	134	7	83	37%	37	20	103	13
2014	5	501	22	0	479	96%	22	17	5	0
2014	6	47	0	0	47	100%	0	0	0	0
2014	Total	1690	976	33	681	40%		159	452	380



															ATION												
							<u>A</u>	<u> </u>	<u>JAL</u>	DR	<u>ILLI</u>	<u>NG</u>	PE	<u>RM</u>	<u>ITS</u>	<u>BY</u>	<u>COI</u>	<u> TNL</u>	<u> Y</u>								
																											curren as of 6/03
COUNTY	1988	1989	1990	1991	1992	1993	1994	<u>1995</u>	1996	1997	1998	<u>1999</u>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
ADAMS	46	34	44	53	92	58	137	34	9	33	24	19	38	28	9	26	39	34	37	89	51	35	21	8	40	40	16
ARAPAHOE	5	5	15	14	11	4	20	12	2	9	1	2	0	2	1	2	5	7	11	10	10	10	8	23	35	23	16
ARCHULETA	8	5	18	5	2	1		3		3		1	7	9	6	10	8	13	14	26	47	11	18	12	5	4	3
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	3	1	—
BENT				1		2	2	4	2	5	3	5	2	_		_	5	3	8	1	1	0.5	5		2	1	
BOULDER	1		1	13	38	159	38	5	8	2	5		1	5	6	7	17	13	21	37	32	35	24	30	22		
BROOMFIELD CHEYENNE	203	149	102	93	71	58	48	55	43	31	41	7	3	3	2	3	3	10	21	15	33	33 12	28 13	11	36 31	50	10
COSTILLA	203	149	102	93	7.1	36	40	55	43	31	41	1	3	3	3	3	3	10	21	15	- 33	12	13	16	31	50	10
CROWLEY	1		1	1																							2
DELTA	1	1	2	<u> </u>											7	4	5	10	9	2			4	3	6	1	
DENVER										5	3	3		3			Ť		19	25	24						-
DOLORES	2		4	1	2	1								<u> </u>		1	1	1	6	10	12	21	8	8	13	12	1
EAGLE																										1	
ELBERT	9	12	8	5	3		2	13	16	11	1		2						4			1		1	2	2	
EL PASO																						2	3	3	18	1	
FREMONT	9	5	6	7	1	2	2	1	2	1							1	3	2	4	14	13	22	14	11	2	3
GARFIELD	19	66	111	36	18	56	143	78	109	141	95	130	213	353	362	567	796	1509	1845	2550	2888	1981	2037	1323	1046	870	454
GRAND				_			1								_												
GUNNISON	-	-	2	2	47	1	_	_		_	40		44	07	5	10	1	9	19	7	10	12	4	3	11	9	12
HUERFANO JACKSON	3	5 1	4	6	17	3	3	2	1 2	3 6	40	26	41 34	27 18	27 21	9	8 14	6	8	5	27	19	9	18	9	12	7
JEFFERSON	1	'	4	2		1	3	1	1		1	2	1	10	- 21	9	14	- 6	1	3	2	19	9	10	3	1	
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	17	12	4
KIT CARSON	9	5	7	8	8	15	26	11	7	6	9	5				1	3	5	4	4	13	7	3	2	6	1	<u>+ '</u>
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	99	71	32	35
LARIMER	4	4	3	6	13	7	3		1	3	1		2		1			1		5	46	12	41	8	13	2	4
LAS ANIMAS	10	30	36			9	32	95	134	136	195	195	268	400	259	180	332	413	500	362	303	88	92	85	11	2	1
LINCOLN	8	6	4	7	7	11	8	9	3	2			2	2	1	6	3	4	1	2	58	44	48	31	36	87	43
LOGAN	18	21	23	13	14	30	15	13	6	12	7		4	7	3	3	6	13	17	14	5	9	17	8	27	4	1
MESA	1	12	29	20	22	2	22	6	11	10	2	6	13	27	30	27	54	136	265	293	501	427	306	127	150	105	7
MOFFAT	13	25	27	19	40	52	43	40	41	28	21	15	35	52	62	63	63	60	120	68	57	51	53	93	88	44	18
MONTEZUMA	6	7	10	8	7	11	15	9	13	5	4	1	4	_	5	8	8	11	5	12	22	39	19	27	29	14	14
MONTROSE MORGAN	34	27	36	13	10	11	19	12	10	11	10	12	1 9	9	2	7	9	7	1	3 6	3	1	6	13	5	16	6
OTERO	34	2/	36	13	10	- 11	19	12	10	- 11	10	12	9	9	2		9		3	б	2	1	10	13	5	16	<del></del>
PARK				1								1										3	4	1			+
PHILLIPS			3	<u> </u>	1	1							1	2		7	13	17	12	69	82	45	64	112	56		1
PITKIN		1			2	<u> </u>							<u> </u>				1	· · ·	_ <u></u>	1	- 52		- 51		- 55		<del></del>
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	109	117	167	45
RIO GRANDE	2	3	4	1			1						1	1		1					1	1			2		1
ROUTT	4	3	12	4	2	3	1	2	1	1	1	4	20	13	1		4	6	9	8	4	2	3	10	4	12	2
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	1		1
SEDGWICK				1				3		2						1	5	2	7	2	1	19	11	12	2		
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	6	19	6
WELD	424	357	366	656	1224	1319	1030	254	305	285	392	288	509	702	760	757	832	901	1418	1527	2340	1448	2152	2262	1826	2468	842
YUMA	14	20	45	60	104	53	167	168	123	116	111	60	31	205	160	138	237	782	797	541	545	105	299	148	11	9	3







#### Colorado Oil and Gas Conservation Commission Form 2A Breakdown By County By Year June 4, 2014

					New				
Yr	County	Form2As	Completed		Location	CDP	SWH	RSO	CDPHE
	Total State	818	818	0	408	2	80	5	5 55
2010 2011	Total State Total State	2378 2299	2376 2297	0 2	1601 1791	0 1	327 274	22 17	5
2012	Total State	1298	1294	4	946	0	173	6	1
2013	ADAMS	15	15	0	13	0	0	0	0
2013	ARAPAHOE	15	15	0	15	0	0		0
2013	ARCHULETA	1	1	0	1	0	0	0	0
2013	BACA	1	1	0	1	0	1 0	0	0
2013 2013	CHEYENNE	44	44 2	0	40 1	0	0 1	0	0
2013	DELTA DOLORES	2 8	2 8	0	<u>1</u>	0	4	0	0
2013	EAGLE	1	1	0	1	0	1	0	0
2013	EL PASO	1	1	0	1	0	0	0	0
2013	ELBERT	1	1	0	1	0	0	0	0
2013 2013	FREMONT GARFIELD	3 86	3 82	0 4	6 35	0	1 71	0 1	0 0 0 0 0 0 0 0
2013	GUNNISON	9	82 9	0	35	1	4	1	0
2013	HUERFANO	3	3	0	1	0	0	0	0
2013	JACKSON	10	10	0	4	0	10	0	0
2013	KIOWA	9	9	0	8	0	0	0	0
2013	KIT CARSON	1	1	0	1	0	0		0
2013 2013	LA PLATA LARIMER	15 2	13 2	2 0	5 1	0	15 1		0 0
2013	LAS ANIMAS	2	2 2	0	1	0	0		0
2013	LINCOLN	74	73	1	74	0	0		0 0
2013	LOGAN	4	4	0	0	0	0	0	0
2013	MESA	8	7	1	5	0	1	0	0
2013	MOFFAT	16	16	0	13	0	14	0	1 0
2013 2013	MONTEZUMA MORGAN	14 16	14 12	0 4	12 16	0	2 0	0	0
2013	PITKIN	1	0	1	1	0	0	0	
2013	RIO BLANCO	20	20	0	11	0	21	0	0
2013	ROUTT	9	8	1	10	0	9	0	0 0 0 0 3
2013	WASHINGTON	20	20	0	21	0	0	0	0
2013	WELD YUMA	784 8	783 8	1 0	588 2	0	8 0	0	3
2013	Total	1203	1188	15	899	1	164	2	4
2014	ADAMS	8		3	8		0	0	
2014	ARAPAHOE	8	5 4	4	8	0	0	0	0 0 0 0 0
2014	ARCHULETA	1	1	0	0		1	0	0
2014	BROOMFIELD	1	0	1	0	0	0	0	0
2014	CHEYENNE	7	5	2	7	0	0		0
2014 2014	CROWLEY DOLORES	2 2	2 1	0	2	0	0	0	0
2014	ELBERT	Z /	0	1 4	4	0	0		0 0
2014	FREMONT	4 2	1	1	2	0	2	0	0
2014	GARFIELD	33	<b>1</b> 9	14	7	0	22	1	0
2014	GUNNISON	5	4	1	1	3	1	0	0
2014	HUERFANO	4 6	4	0	2 5	0	4		0 0 0 0
2014	JACKSON KIOWA		6	0	1	0	6 0	0 0	0
2014	KIT CARSON	2 1	2 0	1	1	0	0	0	0
2014	LA PLATA	8	7	1	1	0	9	0	0
2014	LAS ANIMAS	1	1	0	1	0		0	0
2014	LINCOLN	65	47	18	54	0	0	0	0
2014 2014	LOGAN MESA	1 5	1 1	0 4	1 2	0	0 3	0	0 0 0 0
2014	MOFFAT	6	1	4 5				2	0
2014	MONTEZUMA	8	8	0	8	0	0	0	0
2014	PHILLIPS	2	1	1	3	0	0	0	0 0 0
2014	RIO BLANCO	10	5	5	8		9	0	0
2014	ROUTT	1	0	1	1	0	1	0	0
2014	WASHINGTON WELD	8 229	7 166	1 63	8 168	0 0	0 5	0	0 0
2014	YUMA	16	3	13	108	0	0	0	0
	Total	446	302	144	324	3	68	3	
	prehensive Drilling F		H = Sensitive V						

CDP = Comprehensive Drilling Plan SWH = Sensitive Wildlife Habitat consultation

RSO = Restricted Surface Occupancy consultation CDPHE= Colorado Department of Health and Environment consultation

# DNR CO

# Oil & Gas Staff Report

# Colorado Oil and Gas Conservation Commission Horizontal Well Activity

								June	June 4, 2014											
	Prio	Prior Years		2009	6	2010	0]	2011	11	2012	7	2013	3	2014	4	Total	C	Completion	ion	
County	Drilled DA		PA	Permit	Spud	Permit	Spud	Permit	Spud	Permit	Spud	Permit	Spud	Permit	Spud	Spud	AC	PR C	DA PA	Α
ADAMS				9	5	2	æ	1		17	2	26	2	11	12	24		4		
ARAPAHOE	2							10		22	4	11	3	10	5	15	2	2		
ARCHULETA	17			7	9	15	7	10	∞	5	6	2		1		47		43		
BENT												T	П			T	ļ	ļ		
BOULDER								4								0	<del> </del>			
CHEYENNE	5		4	   								7	2	1	Н	∞		H	ļ	4
DELTA										9	2	₽				2		1		
DOLORES	6			18	2	9				6	3	5	4			18	<b> </b> -	14		1
EL PASO										10						0				1
ELBERT										1						0				
FREMONT	7	9		9		12		3	4	4	П	┰	П			18		10	9	1
GARFIELD	10		2	1	1	16	2	18	9	43	9	18	3	7	2	30		25		2
GUNNISON	1					1				3	2	2		9		Э		3		
HUERFANO										4	1			1		1		Ţ		
JACKSON	8	1	1	8		Э	Э	6	2	4		∞	5	7		18		12	1	1
KIOWA										1		4	1	1		1				
KIT CARSON	1									1		1	₩			2				3
LA PLATA	28	2		11	2	28	3	18	7	12	1	5		13		41	1	47	1	
LARIMER	3							5	1	2	1		2			7		Э	2	
LAS ANIMAS	16		2	4		1	1									17		15		3
LINCOLN				2	1	2	1	1			1	9	1			4		æ		
LOGAN	2									1						2		2		
MESA	3	2		36	1	22	8	24	13	14		6	2	3	Н	28		28	2	2
MOFFAT	7	Ŧ	1	9	3	4		6	4	44	9	18	13	3		33	<del>-</del>	25	1	1
MONTEZUMA	9		1	23	9	11	2	8	2	18	9	3	4	6		26		42		1
MORGAN								9	2	2	1	13	1	9		4		2		
PARK						1	1	1								1				
RIO BLANCO	7	2				1	1	11	2	15	2	4	2			17	1	11	33	
ROUTT	10	9	П							1		H				10		m	9	1
SAN MIGUEL	1			1												1		₽		
WASHINGTON	1		1													1				1
WELD	11	m		12	5	208	95	763	233	964	296	2114	1061	812	536	2537		1106	19	34
YUMA	1		1	9												1				1
TOTAL Horizontal	156	52	14	147	32	333	132	901	285	1203	644	2260	1112	891	257	2918	10 1404		32 5	22
Percent of Total HZ		16%	%6														, %0	48%	1% 2	2%
Total All Permits				5159		2996		4659		3773		4025		1566						
Percent of Total				7.8%		2.6%		19.3%		31.9%		56.1%		26.9%						



Well to Building Setback Review Colorado Oil and Gas Conservation Commission June 4, 2014

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	2009	2010	2011	2012	2013	2014	Number of Locations	Percent of Total Locations
less than 150 feet	2	3	3	2	0	1	11	0%
150 to 350 feet	37	58	61	39	34	18	247	3%
350 to 500 feet	50	110	97	61	64	16	398	5%
500 to 1000 feet	117	385	331	188	188	70	1279	17%
1000 + feet	356	1705	1470	838	762	261	5392	74%
Total Locations	562	2261	1962	1128	1048	366	7327	

1 302	LEGI	1 2502	1120	10.0	500	7527
_		Less than 150			l l	
County	Total	feet	150 to 350 feet		500 to 1000 feet	1000 + feet
ADAMS	58	<u> </u>	3	5	14	36
ARAPAHOE	72	00	2	4	9	57
ARCHULETA	18	<u> </u>	0	1	9	8
BACA	14	00	0	0	1	13
BENT	77	0	0	0	0	7
BOULDER	23	00	1	1	17	4
BROOMFIELD	32	0	0	4	13	<b>1</b> 5
CHEYENNE	116	0	0	0	2	113
CROWLEY	2	0	0	0	0	2
DELTA	7	0	0	2 0	1 6	4
DOLORES	18	0	0			12
EAGLE	1	0	0	0	0 2	1
EL PASO	12	0	0	0		10
ELBERT	4	0	0	0	7	3
FREMONT	37	0	0 2	7		21
GARFIELD	471	0	9	3	68	391
GUNNISON	31	0	0	3	1	26
HUERFANO	14	0	0	0	4	10
JACKSON	36	0	0	3	1	32
KIOWA	62	0	0	0	1	61
KIT CARSON	12	0	0	0	0	12
LA PLATA	108	0	4	13	31	60
LARIMER	33	0	4	3	10	16
LAS ANIMAS	201	0	6	7	37	150
LINCOLN	262	0	1	2	4	255
LOGAN	42	0	1	1	0	40
MESA	84	0	0	3	13	68
MOFFAT	159	0	0	2	14	143
MONTEZUMA	35	0	0	1	4	30
MONTROSE	2	0	0	0	0	2
MORGAN	28	0	0	2	4	22
PARK	4	T 0	0	0	0	4
PHILLIPS	263	0	4	6	20	232
PROWERS	4	0	0	0	0	4
RIO BLANCO	162	0	0	0	1	161
RIO GRANDE	2	0	0	0	1	1
ROUTT	24	0	0	0	2	22
SAN MIGUEL	11	0	0	0	0	11
SEDGWICK	25	0	0	1	3	21
WASHINGTON	54	0	2	0	2	50
WELD	4302	0	201	310	934	2850
YUMA	475	0	7	14	42	412

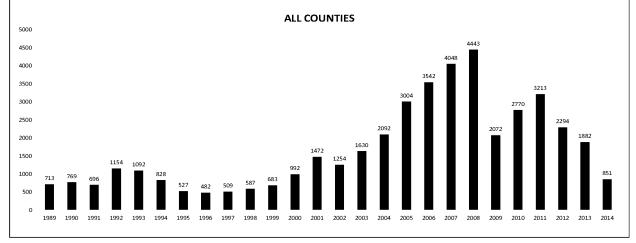
# Well to Building Setback Review Colorado Oil and Gas Conservation Commission

Listing of Locations less than 200 feet to Building

	Document		High	New		Tieet to bu	
Year	Number	County	Density	Location	Distance	Proximity	Building Description
2011	2587822	CHEYENNE	No	No	58	less 150	Water well house
2009	1691798	WELD	No	No	58	less 150	Vehicle garage
2010	400072164	WELD	No	Yes	69	less 150	Abandoned hog shed
2014	400569085	WELD	No	No	78	less 150	Well Shed
2012	400240957	GUNNISON	No	Yes	90	less 150	Equipment Shed
2009	1758843	WELD	No	Yes	103	less 150	Building to be razed
2011	1636646	WELD	No	No	122	less 150	Storage shed
2009	400011284	LAS ANIMAS	No	Yes	127	less 150	Operator is owner
2009	1786896	PHILLIPS	No	No	132	less 150	Grain Storage
2011	400117702	WELD	No	Yes	143	less 150	Irrigation pump house
2011	400227765	WELD	No	Yes	145	less 150	Storage Barn
2014	400558626	LINCOLN	No	No	150	less 150	Gas Plant Equipment Building
2009	1904205	WELD	No	No	154	150 to 350	Livestock Enclosure
2012	400243295	WELD	No	Yes	155	150 to 350	Unused storage shed
2011	400179419	WELD	No	Yes	157	150 to 350	Existing well / storage building
2010	400054716	WELD	No	No	159	150 to 350	Equipment Barn
2011	400188968	WELD	No	Yes	159	150 to 350	Abandoned
2014	400554054	WELD	No	Yes	159	150 to 350	Equipment Shed
2010	400021477	WELD	No	Yes	162	150 to 350	Goat Barn
2009	1758386	WELD	No	Yes	168	150 to 350	Storage Shed
2011	1635946	WELD	No	No	169	150 to 350	Storage shed
2013	400447386	WELD	No	No	169	150 to 350	Abandoned Turkey Barn
2013	400447391	WELD	No	No	169	150 to 350	Abandoned Turkey Barn
2011	400165164	WELD	No	Yes	178	150 to 350	Residence
2013	400367184	WELD	No	Yes	179	150 to 350	Shed
2011	400188780	WELD	No	Yes	180	150 to 350	Residence
2010	1697620	WELD	No	No	187	150 to 350	Livestock Shed
2009	1758746	WELD	No	No	193	150 to 350	Storage Shed
2011	400154431	WELD	No	Yes	198	150 to 350	Turkey barn
2012	400250031	WELD	No	Yes	198	150 to 350	abandoned guard shack
2009	1774783	WELD	No	No	199	150 to 350	cement service building
2011	400118102	YUMA	No	Yes	199	150 to 350	Steel Barn



															VATIO												
						1	<u> </u>	<u>NU</u>	<u> </u>	W	<u>ELL</u>	<u> S</u>	<u>ΤΑ</u>	<u>RT</u>	<u>S E</u>	3Y	<u>CC</u>	<u> 1U(</u>	<u>1TY</u>	_							
						_																					Currer as of
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	2012	2013	6/04 2014
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	14	5	15
ALAMOSA																											
ARAPAHOE	2	4	16	11	11	3	9	8	3	3	2						6	1	5	2	1	1	3	9	8	14	10
ARCHULETA	5	3	7	5	2	1	ļ <u>-</u>	2		1 7			4	4	2	5	4	10	5	7	26	9	12 5	9	11		ļ
BACA BENT	5	5	12	6	21	8	2	19 3	9	2	11 3	- 8 - 6	19 2	6	2	1	- 6 - 3	6	2 8	6 1	12 1		- 5	5 1	2 1	1	<del> </del> -
BOULDER	2			7	18	56	15	5			3					2	5	11	9	14	25	16	13	<del>-</del> 7	14	<u>+</u>	<del> </del>
BROOMFIELD	3	2	3	7	14	27	22	2	2						2		1		ļ <u>-</u>		10		21	11	5		†
CHEYENNE	177	133	92	75	64	50	44	41	35	29	29	6	2	1	3	3		9	14	15	14	8	12	11	16	35	8
CONEJOS																											
COSTILLA												1															
CROWLEY	1		1	L	ļ	ļ	ļ											ļ	ļ		ļ		ļ				1
CUSTER				ļ	<b>}</b> -	ļ	ļ				ļ						ļ <sub>4</sub>	ļ <u>-</u>	ļ <u>.</u>		ļ		ļ <u>-</u> ļ				ļ
DELTA DENVER	1		1	ļ	<del> </del>		<b></b>			2	3	1		2		5	4	6	5 7	2 5	4		4	1	6		<del> </del> -
DOLORES				1	<del> </del>	<del> </del>	<del> </del> -				3	<u>+</u>		2				ļ			<del> </del> -		<b></b>			10	<del> </del> -
DOUGLAS	2		4	1	<del> </del>	<del> </del>	<del> </del>				·						2	<del> </del>	2	13	4	2	<del> </del>	1	5	10	<del> </del>
EAGLE					t	†	t				····							t	<b></b>		t		l			1	†
EL PASO					†		l											<b></b>	ļ		ļ		2		5		1
ELBERT	8	11	9	5	2			10	15	2	2		2					Ī	1								T
FREMONT	6	3	5	7	1	1	1	2			1						1	3	2	2	5	3	9	16	7	2	1
GARFIELD	3	12	24	8	3	4	15	13	7	28	19	94	190	251	245	417	585	799	1005	1304	1688	768	904	879	495	392	167
GRAND	ļ			ļ	ļ	ļ	1	ļ	ļ		ļ		ļ	ļ	ļ		L	ļ	ļ		ļ	ļ	ļ				ļ
GUNNISON	<u>-</u>		1	2	<del> </del>	11	ļ <u>-</u>								1		1	1	9	5	1	4	5	2	4	1	ļ
HUERFANO JACKSON	6			7	6	1	1	2		2	31	9	25 24	14	19 4	3	6 10	2	ļ <u>-</u>		2 10		2		2	1	<del> </del> -
JEFFERSON	2	1	3	<del> ′</del>	<del> </del>	<del> </del> -	3	1	1	3	3	2	24	2		10	10	<del> </del>	3	3 2	10	1	6	7		5	1
KIOWA	14	32	35	37	28	19	20	22	8	13	6	4	8	16	2	4	2	1	7	7	2	5	15	15	10	9	1
KIT CARSON	11	6	6	6	9	13	15	9	6	3	7	7				1	1	6	2	1	14	3	1	1	3	1	<del> </del>
LA PLATA	158	129	186	44	66	26	17	19	29	48	65	80	99	135	118	110	103	104	108	179	199	131	67	54	3	8	8
LARIMER	8	5	1	6	13	5	3		2	1			1	1				1	ļ	4	8	1	28	2	10	4	1
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	78	1		
LINCOLN	6	5	4	4	7	7	8	8	3	2			2	2	1	5	2	2	1	2	19	10	14	22	23	42	17
LOGAN	17	19	19	8	13	24	9	11	4	10	4		4	6	3	3	2	11	12	12	3	7	3	9	13	4	2
MESA	1	2	2	4	1	ļ <u>.</u>	7	2	1	11	4	4	2	12	12	13	25	89	156	209	222	14	11	39	4	6	2
MOFFAT MONTEZUMA	- 1 - 6	2 5	7	2 5	2	1 5	7	3	3 12	1 2	8 2	10	18 2	23 3	25 5	28 5	19	40 7	60 2	42	25 18	18 11	15 3	34 8	25 18	22 11	3
MONTROSE	0			1	<del> </del>	<del> 3</del> -	<del> ′</del>		12	<del>_</del>			<del>-</del>	3		2	1	<del> ′</del>	<del>-</del>	1	2		1		10	11	<del> </del>
MORGAN	26	20	32	11	9	11	16	13	8	9	7	4	9	8	1	7	5	5	3	1	1	2	3	2	3	1	2
OTERO				1	† <u></u>	† <del></del>	† <del></del>		<u>-</u>		<del></del>		<u>-</u>					† <u>-</u>	t		t <del>-</del>	<del>-</del>	<u>-</u>		<u>-</u>		† <u>-</u>
OURAY					†		1											·	İ		t		l				†
PARK				1																			2				
PHILLIPS			3			1							1			6	10	11	4	35	18	2	42	130	48		
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			ļ
PUEBLO	<u>-</u>				<del> </del>	<del> </del>	ļ <u>-</u>						ļ <u></u>		<u></u>				10-		200		10-			2.5	<del> </del>
RIO BLANCO	1	8	10	1	3	8	6	7	5	9	9	62	51	82	47	83	92	95	107	95	203	116	107	72	53	36	14
RIO GRANDE ROUTT	11	2 1	2 1	3	1	<del> </del>	<del> </del>				ļ	1	5	12	1		1	6	3	2	<del> </del>	2	1	2	4	1 2	<del> </del>
SAGUACHE	1		<u>-</u>		<del> </del>	<del> </del>	<b> </b>	2				<u>+</u>		12			<del>-</del>			<del>-</del>	<b></b>	<del>-</del>			4	<del>-</del>	<del> </del>
SAN MIGUEL	<del>-</del>			1	t	<del> </del>	<del> </del>				3	1	6	9	10	19	28	13	20	17	5	1	2	2			<del> </del>
SEDGWICK				1	t	<del> </del>	1	3		2			<u>-</u>			1	2	1	1	5	<del> </del>	<del> </del>	3	8	3		†
WASHINGTON	39	28	22	26	24	20	20	13	17	23	18	4	15	12	24	29	65	34	23	14	11	2	2	4	1	9	3
WELD	176	200	168	296	660	723	389	94	136	94	117	124	237	403	406	522	632	718	931	1222	1314	877	1208	1662	1461	1245	591
YUMA	12	16	41	47	102	39	114	145	101	104	93	52	42	162	108	106	144	597	593	445	336	27	213	107	16	13	3
Grand Total	773	713	769	696	1154	1092	828	527	482	509	587	683	992	1472	1254	1630	2092	3004	3542	4048	4443	2072	2770	3213	2294	1882	851





Active Wells Page 1 of 1

# Colorado Oil and Gas Conservation Commission

### Active Wells by County and Status as of 06/04/2014

County	Drilling	Domestic	Injecting	Producing	Shut In	Temp	Waiting on Completion	Active	Intent to Plug	Total Active Wells
ADAMS	22		7	878	62	Abanu 8	2	17	riug	996
ARAPAHOE	18	1	4	125	13	9		39		209
ARCHULETA	1	5		105	7	9	7			134
BACA	1		11	126	44	5		57		244
BENT		1		29	7		1			38
BOULDER				313	3	1				317
BROOMFIELD				94	3					97
CHEYENNE	15		35	317	24	48	4			443
CROWLEY	1									1
DELTA				2	16		1			19
DENVER			1	44	4		3			52
DOLORES	3		1	39	4	1	1			49
EL PASO	1	1				1				3
ELBERT				66	3	2		1		72
FREMONT	2	3		63	4	6				78
GARFIELD	256	5	41	10082	188	63	91	3		10729
GUNNISON	1		1	25	14	1	4			46
HUERFANO	1		1	34	3	6	1			46
JACKSON	5		34	111	38	1				189
JEFFERSON				1	1		1	3		6
KIOWA	4		9	104	16	4	2			139
KIT CARSON		1	1	14	1	1	1			19
LA PLATA	8	7	32	3117	111	22	4	30		3331
LARIMER	3	2	26	173	33	18	2	_		257
LAS ANIMAS	2.1	4	19	2845	86	66	22	5		3047
LINCOLN	24 7	1	7 18	75 115	14 38	30	3 4	9		126
LOGAN MESA	5		9							221
MOFFAT	7	1	9	859 493	134 60	28 41	10	11		1057 619
MONTEZUMA	3	2	9	128	30	13	2			187
MONTROSE			,	120	1	3				4
MORGAN	3		21	81	88	38	1	83		315
OURAY		2	21	01	- 00	1		0.5		3
PARK				1		-				1
PHILLIPS	3		3	258	2	1	1			268
PITKIN				200		-	-	10		10
PROWERS				27	3					30
RIO BLANCO	22	4	278	2188	320	91	18	4		2925
ROUTT		2		31	8	1	2			44
SAN MIGUEL				117	- 11	3				131
SEDGWICK	2		1	13	4		2			22
WASHINGTON	9		25	412	33	6	4			489
WELD	1185	1	38	19320	642	27	94	2		21309
YUMA	5	8	14	3752	63	13	20	1		3876
Totals	1617	51	655	46577	2136	570	317	275	0	52198

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# Oil & Gas Staff Report



# Colorado Oil Gas Conservation Commission Monthly Statistics

$\frac{9}{2}$		Ä	Drilling	Reco	Recompletion	Inje	njection	<u>п</u>	Pits	Loce	Locations	Spud	Drilling	Active	<u>a</u>	Public Visits	ts	Oper	Operators	ators	Release	ase
	Rig Count	Rcvd	Apvd	Rcvd	ΑĽ	Rcvd	Apvd	Rcvd	Apvd	Rcvd	Authz	Notice	Permits	Wells	Data	Office	Internet	Change	New	Inactive	Ind.	Blnki
Total		5703	9669		_	34	28	120	225		2548	2803			197	1115	1112479	8421	46	33	38	4(
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盟		343				7	9	S	co	184	150	209	4733	43869	21	80	96171	356	-	_	6	7
MAR						4	7	38		262	258	268	4847	43927	6	125	122393	296	2	ന	9	
APR	72	325	314					20	27	190	218	241	4882		8	105	106539	404	2	0	က	.,
MAY						3	9	12	8	214	171	248	4904	44752	14	124	73024	544	က	0	ß	
NOC						3	, 4	11	4	172	239	272		45401	30	131	108115	795	2	2	2	,,
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g						_	0	10			229	282	5328	45975	21	141	111950		2	က	12	
SEP							0	35	34		203	322	5361	46115	6	120	116043		5	_	7	۵,
OCT		382				N	-	4		171	172	302	5423	46719	14	126	132814	225	4	2	12	
0						0	-	12		166	174	305	5409	46721	18	96	130612	575	4	6	15	7
DEC			370		31 23	4	0	26		164	. 183	278	5329	46835	6	77	132651	348	4	2	2	.,
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Ą			258		26 21	8		11			129	245	5217	46958	12	106	112686	1051	က	က	7	"
FEB								21		160	129	231	5173	47128	16	114	105857	385	9	6	8	۵,
MAR	99 1	292						17	24		172	290	5132	47263	56	138	111746	378	4	_	7	(,)
APR							5	စ				237	4785		12	108	107627	477	4	2	10	
MAY								9				211	4885	47533	20	123	109802	527	က	-	4	
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DEC		336	367		2 4	4	9	2			17	105	5129	51737	4	93	32381	1299	4	-	-	
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# Colorado Oil Gas Conservation Commission Monthly Statistics

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