COLORADO Oil & Gas Conservation Commission Staff Report

July 28, 2014

TOP STORIES

Greeley Earthquakes

According to the United States Geological Survey ("USGS"), on the evening of May 31, 2014, a magnitude 3.1 event occurred about 5.6 miles northeast of Greeley. The event was both heard and felt by residents in the Greeley area with reported shaking being weak to light; the reported damage was none to very minor.

In the days subsequent to the event, geophysical researchers at the University of Colorado installed a network of five portable seismometers in the area to observe seismicity at a higher spatial, temporal, and magnitude resolution. Since recording on the network began, ~70 events greater than magnitude 0.5 have occurred, including a magnitude 2.6 event on June 23. With seismic activity not common in the area, the potential for the May and June earthquakes to be induced by high volume waste-water disposal was considered by the COGCC staff.

Based on coincident timing, location, and history of injection, the SWD C4A well, operated by NGL Water Solutions, was scrutinized by the COGCC staff in conjunction with the operator. Following the June 23, 2014 earthquake, the COGCC asked NGL to shut-in the well for a period of 20 days to evaluate the well, observe seismicity during a pause in injection, and devise an injection plan going forward. After the 20 days, NGL was allowed to begin reinjecting with guidance from A condition for future rate-ofthe COGCC. injection increases is that no 2.5 magnitude events within 2.5 miles of the well are observed.

Related to the Greeley seismicity and the possibility of triggered seismic events associated with oil and gas activities across Colorado, COGCC staff Chris Eisinger and Stuart Ellsworth are currently working with the Colorado Geological Survey and earthquake researchers from the USGS and Colorado universities to establish an induced seismicity advisory group. This group will be discussing a more comprehensive statewide seismic monitoring network, as well as better guidance for managing high volume injection in light of potentially induced earthquakes.

Second Annual Employee Recognition Awards

For the second year in a row, staff had the opportunity to nominate a coworker for special recognition for their efforts and contributions in FY 2013-2014. Some of the categories were:

- **Outstanding Project Performance**
- **Outstanding Customer Service**
- Going way above and beyond the call of duty
- Steady Eddie/Edith
- **Process Improvement**
- **Unsung Hero**

Out of the 29 nominations submitted, Management recognized the following 11 staff members:

Dave Andrews - Engineering John Duran - Field Inspection Alex Fischer - Environmental Penny Garrison - Permitting Angie Gipson - Finance Peter Gowen - Hearings Randell Johnson - Field Inspection Jan Missey - Executive Assistant Kris Neidel - Environmental Ken Robertson - Permitting/Tech Services Dan Willis - Information Processing

Congratulations to all nominees!

Local Government Liaison (LGL) Program Update

Local Government Liaisons (LGLs) Marc Morton and Nancy Prince have been busy providing outreach, training, information, and consultation to local governments and their staffs, operators, the public, and others regarding oil and gas operations in Colorado. LGLs continue to stress to op-



erators and local governments the importance of early engagement and consultation regarding oil and gas operations.

The LGLs are also working to increase participation in the voluntary Local Government Designee (LGD) program. In July the LGLs invited (via direct mailing) over 150 towns, cities, and counties not currently participating to join the LGD Program. LGLs also continue to monitor participating local governments to ensure their contact information is up to date and valid. named replacement participating LGDs include), Calvin Feik (Bent County), Robert Narraci (Eagle County), Damian Peduto (La Plata County), James Dietrich (Montezuma County), Stephan Rodriguez (City of Aurora), Andrew Firestine (City of Centennial), Jim Ferree (City of Craig), and Marina Kopytkovskiy (Parker Water and Sanitation District). We welcome these newly appointed LGDs and appreciate their jurisdiction's continued participation in the valuable LGD program.

A major focus of the LGLs has been the development and rollout of LGD training sessions throughout Colorado in 2013 and 2014. Colorado Department of Public Health and Environment ("CDPHE") Oil and Gas Liaison Kent Kuster has assisted in providing many of the trainings, and we greatly appreciate his help. To date, training sessions has been provided to 198 attendees at eleven locations around the state. Most recently LGD training was provided to 18 individuals in Rifle on June 16, and 18 other individuals received the training in Colorado Springs on July 15. To date, the training has been provided to 67 individuals serving as their jurisdiction's LGD. Participants have included local government staff, elected officials, federal and state government staff, and others from the private sector, academia, environmental groups, and interested citizens.

Two remaining LGD trainings are scheduled in 2014. Pre-registration is required. Scheduled trainings include:

 Tuesday August 5, Denver (registration is closed - we are at capacity, but a waitlist is available), and Tuesday October 28, Durango.

To pre-register for the training in Durango, or to get on the wait list for the Denver training, please send an e-mail requesting registration to either Marc Morton or Nancy Prince at COGCC. Please note that registration may be capped at any time due to space limitations.

On another topic, the Summer LGD Newsletter is in the works. The concept of the LGD Newsletter is to provide to local governments and other stakeholders pertinent and timely information regarding oil and gas operations in Colorado, and to provide an additional forum for collaboration between the COGCC, local governments, communities, and other interested groups and individuals. We always welcome comments and suggestions for topics or articles for inclusion in an upcoming issue. Past issues of the LGD newsletter can be found on the COGCC website under the LOCAL GOV link.

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 June 30, Director Matt Lepore participated in the Oil & Gas Development Public Health & Enviro Conference at the Anschutz Medical Campus in Aurora.
- On July 18, Matt Lepore was on a panel during the Rocky Mountain Mineral Law Foundation Conference in Vail. The topic was "Varying Perspectives on City, Township, and County Oil and Gas Regulation.
- On July 21, Matt Lepore participated in the Modern Shale Gas and Oil Production Forum in Aspen, sponsored by the Aspen Institute Energy Environment Program.



Outreach by COGCC Local Government Liaisons (LGLs)

- On June 19, Marc Morton and Oil and Gas Location Assessment Specialist Melissa Housey attended the monthly Energy Industry Working Group meeting, hosted by Weld County. Operators, subcontractors, Weld County staff, and local and state government representatives attended the meeting. Marc informed the group of the recent finalization of the MLVT policy, the upcoming Stakeholder meeting concerning the "clean-up" rulemaking, and of the upcoming Commission Hearing to be held in Weld County in July. Melissa offered assistance pertaining to relocation of oil and gas facilities required due to an upcoming US 34 widening and ROW acquisition project, and updated the group on the online availability of the updated Form 19 (in eforms) to report spills and releases.
- On June 27, Nancy Prince gave a presentation about Colorado's LGD program at a continuing education seminar for university professors at Colorado College.
- On July 8, Nancy Prince participated in the Source Water Protection Plan Steering Committee meeting in Wiggins.
- On July 9, Nancy Prince attended the City of Aurora LGD meeting where she gave an update on recent COGCC policy and rule changes.
- On July 10, Marc Morton traveled to Pagosa Springs and took part in a working group meeting to review draft oil and gas regulations under consideration by Archuleta County.
- On July 11, Nancy Prince met with Commerce City planning staff to answer questions about COGCC regulations.
- On July 15, Nancy Prince met with El Paso County Parks staff to discuss the LGD program.
- On July 18, Nancy Prince met with Scott Trainor, new LGD for the City of Fountain.
- On July 18, Marc Morton travelled to Durango and took part in the quarterly Gas and Oil

Regulatory Team (GORT) meeting, as summarized elsewhere in this Staff Report.

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 industry 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 Friday, July 18, 2014 from 8:30 a.m. to noon at the La Plata



County Fairgrounds in Durango, Colorado.

The next GORT meeting will be scheduled for late October, , 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: mark.weems@state.co.us.

<u>Fruitland Formation Outcrop Mitigation and</u>
 Monitoring Projects (4M Projects)

Fruitland Formation Outcrop - 4M Pilot Scale Mitigation Projects La Plata County. In May 2014 the South Fork Texas Creek compressor was rebuilt to replace worn bearings. The heater plate in the methane sensor was also replaced.

Some successes of the project include:

Methane Mitigation:

- Gas containing methane concentrations of 78.4-99.5% (SFTC) and 0.2-5% (Pine River) continuously recovered during the first and second quarter of 2014.
- Since conversion to passive system in June of 2012 at Pine River, methane concentrations have remained at 0% 5% following an increase in 1st and 2nd quarter of 2013.

Electrical Generation:

- SFTC has generated 179,463 kWH of surplus electricity.
- System operated at 11kW output to maintain steady operation during the first and second quarters of 2014.

Site Restoration:

• Plant growth over the methane mitigation system has improved in 2014.

AM 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 TrollTM datalogger system at a Basin Creek well and install an AquaTrollTM 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 later August 2014.

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 on May 14. On July 15, 2014 a sample was obtained from the North well. Analytical and isotopic data are pending.

VARIANCES

Great Western Operating Company, LLC

On June 19, 2014 Director Lepore approved the Oil and Gas Location Assessment, Form 2A and the Permit to Drill, Form 2 for the **Great Western** DeTienne FD #16-022HC location (# 429507) and well (123-39630) in the NW 1/4 of Section 10, Township 6 North, Range 67 West, 6th P.M. in Weld County. The approvals were done prior to the conclusion of the 20-day comment period, per

Rule 303.l.(1). Great Western requested the expedited approval in order to prevent the expiration of a lease. The Weld County Local Governmental Designee and the surface owner both consented in writing to the timing of this approval before the end of the comment period.

ORGANIZATION

New Permit Group Supervisor

Barbara Westerdale has been promoted to Permitting Supervisor. Barbara has worked for the COGCC as a Permit-Completions Tech since 2011 with assignments on both sides of the state - in the Piceance Basin on the Western Slope and in the DJ Basin on the Front Range. Barbara came to the Commission with 12 years of experience as a geologist in oil and gas industry, as a Staff Geologist for Philips Petroleum and as a Division Petroleum Geologist for Champlin Petroleum. She holds a Bachelor's Degree in geology from Knox College. Her prior employment experience, within the oil industry and in other businesses, includes over 12 years in a supervisory position. In her role as a COGCC "permitter", Barbara's work performance has been effective and efficient, always conducted with technical excellence and in collaboration with other work units. The agency is certain to benefit from the application of her knowledge and skills to the supervision of the Permitting Group.

New Oil and Gas Location Assessment Supervisor

John Noto has been selected from a great field of well qualified internal candidates to be the new Oil and Gas Location Assessment Supervisor. John has been with COGCC since 2012. His previous experience at COGCC was as an OGLA Specialist covering the southeastern plains and as an Environmental Protection Specialist in the northeast. John grew up in metro Denver and attended CSU to earn a degree in Geology, and the University of Colorado at Denver to earn an MBA. He has over 25 years of experience working on environmental projects as a contractor for the EPA Emergency Response Branch. He has extensive project management experience ranging from initial assessments to removal planning and remediation. John is looking forward to his new role and the opportunity to once again work with the OGLA group.

New Permit Completions Technician

Alyssa Andrews has been hired as a permanent, full-time permit technician with the Permitting Group. Alyssa has been working as a contractor in the Permit Group for the past three months doing completeness reviews of Form 2 and 2A's and processing Form 6's. Alyssa has a degree in chemical engineering from the University of Washington. She spent the last three years working for Schlumberger in North Dakota as a measured-while-drilling field engineer.

An organizational chart can be found on pages 9-12. For contact information, please go to our homepage, and then "Staff Contact Information."

PLANNING/ADMINISTRATION/OTHER

◆ <u>COGCC - CPW Coordination Meeting Regarding</u> HB 1298

COGCC Director Lepore and several staff members, including those from permitting, location assessment, environmental, reclamation, and field inspection met with Colorado Parks and Wildlife (CPW) management and staff on July 14, 2014. The meeting, held at CPW's field office in Glenwood Springs, was part of our agencies' ongoing efforts to ensure close communication and coordination in the permit consultation process required by HB 1298. During the meeting, the Directors of both agencies engaged in discussions that brought programmatic issues to the table with examples solicited from field staff on the ground who engage in COGCC's Rule 306.c. consultation process. The group discussed successful projects and processes, current and future challenges with respect to implementation, and Best Management Practices to protect wildlife among other topics.

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 9th and because other orphaned oil and gas wells had been previously discovered and plugged by the COGCC, the COGCC assumed re-



sponsibility 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 for a total cost of \$1,728.

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

The PAST Project includes three leaking plugged and abandoned wells that were reentered and re-plugged 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 has been successfully completed this past July with a final cost of \$236,776 of which \$150,583 occurred in FYE2014.

The Larimer County Project includes three wells recently discovered in lands located in the rain flooded areas from last September. Because two of the three were found to be leaking and concerns with elevating existing environmental impacts with the spring runoff, they were placed on emergency status and bypassed the normal bidding processes to expedite the re-entry and plugging by the They include Culver-Shamrock #1, Kaley #1 and the Jessica #1. The Culver-Shamrock #1 is actually located in the flood plains of the Thompson Creek. All three (3) wells have been re-entered and successfully plugged by the COGCC at a final cost of \$95,267.

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. Due to budget constraints, the Culver well pads were removed from the active projects list to be done at another time; however, the Gerber pit and pad was reclaimed this year at a final cost of \$28,559.

The Debegue 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. Due to budget constraint, the Pasture #1 well site will not be remediated and reclaimed this year and will have to be done sometime in the future. Work has been completed on the Homestead #2. It underwent weed mitigation, soil remediation plus amendments worked in, and monitoring wells installed. Final cost is \$12,781.

The Luther #2 plug and abandonment project popped up unexpectedly with the discovery of an oil spill in a farmer's field. The well is located in Logan County just north of highway 14 and about seven and one half (7 ½) miles east of Sterling, CO. The well was reported as dry and abandoned upon drilling in 1956 and immediately plugged. Upon further examination, it was determined to never been properly plugged and it appears to have just been backfilled and covered over with dirt. It is suspected that over time enough gas and pressure worked its way up and blew out the dirt covering and scattered oil over the field in an area with the approximate dimensions of 300 ft by 30 ft and three (3) to four (4) inches deep. Flow from the well was a one shot event and not sustained; however, once reported, the well received emergency status with the state bypassing the normal bidding process and shortly thereafter hired a local contractor to plug the well. well was re-entered and plugged during the last week of June for a total cost of \$12,113.

Biscuit Pad Remediation Project includes two well pads and the two respective access roads that are located in an active irrigated hayfield. This project is located in Garfield County near the NE border of the town of Rifle and east highway

13. The work was put out to competitive bid and the contract was awarded to Tally Ho Construction, Inc. Tally Ho facilities and offices are headquartered in Rifle, CO. Tally Ho commenced reclamation of these sites this past October and concluded the work during June 2014 on budget and within contract parameters for a total expenditure of \$143,928.

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.

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 has been rescheduled because of the Larimer County Emergency Project.

Planned projects for next year (FYE2015) are currently being identified and are undergoing the selection process. The Gentry Project and Pasture #1 Project are being considered for selection. The final projects will be presented in the September Staff Report.

Page 13 contains a spreadsheet listing PRAW projects that are either scheduled in process or completed as of July 22, 2014.

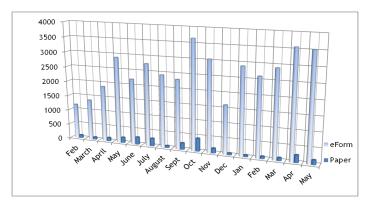
September 2014 Hearing Docket

A docket for the September 2014 hearing will be available shortly after the July 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: www.cogcc.state.co.us

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

Electronic Form Submissions (eForm)

TOTAL ELECTRONIC FORM SUBMITTALS FEBRUARY 2013 - JUNE 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 22 - Accident Report

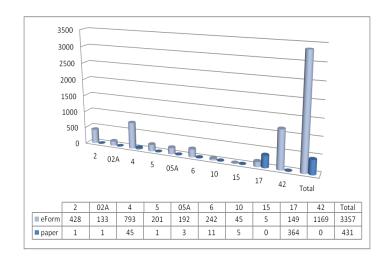
Form 23 - Well Control Report

Form 41 - Trade Secret Claim of Entitlement

Form 42 - Notice of Notification (Notice of Hy-

draulic Fracturing)

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





The development team is working on several forms concurrently. The Form 31 and 33 are in final testing and should be released soon. Forms 14, 14A, 21, and 26 are in various stages of development.

As forms are released on eForm, updates to the PDF version on our Forms page, http://cogcc.state.co.us/Forms/forms.html, 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 452 operators using eForm and 1344 individual users.

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 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 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.

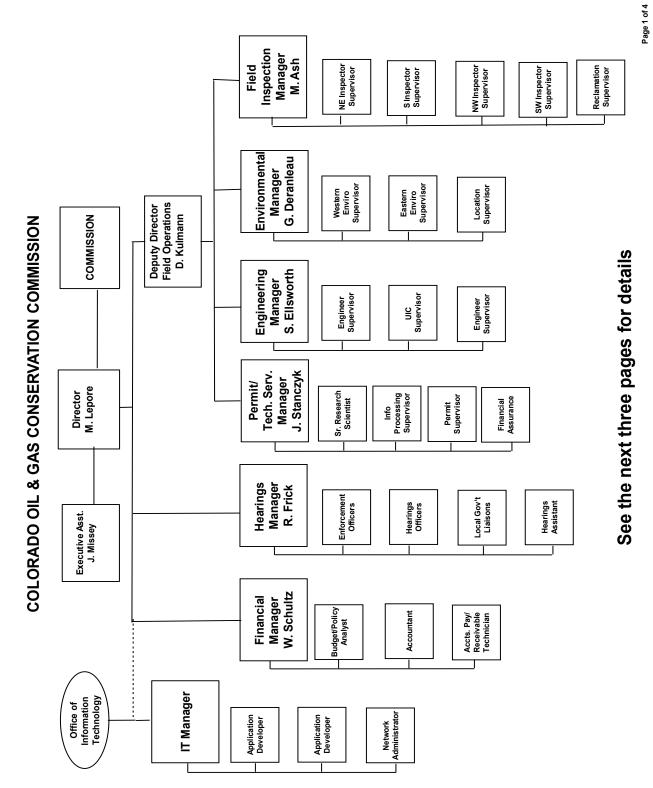
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For any operator not currently enrolled in eForm, instructions for starting the process can be found at http://cogcc.state.co.us/Announcements/ COUAInformation.pdf.

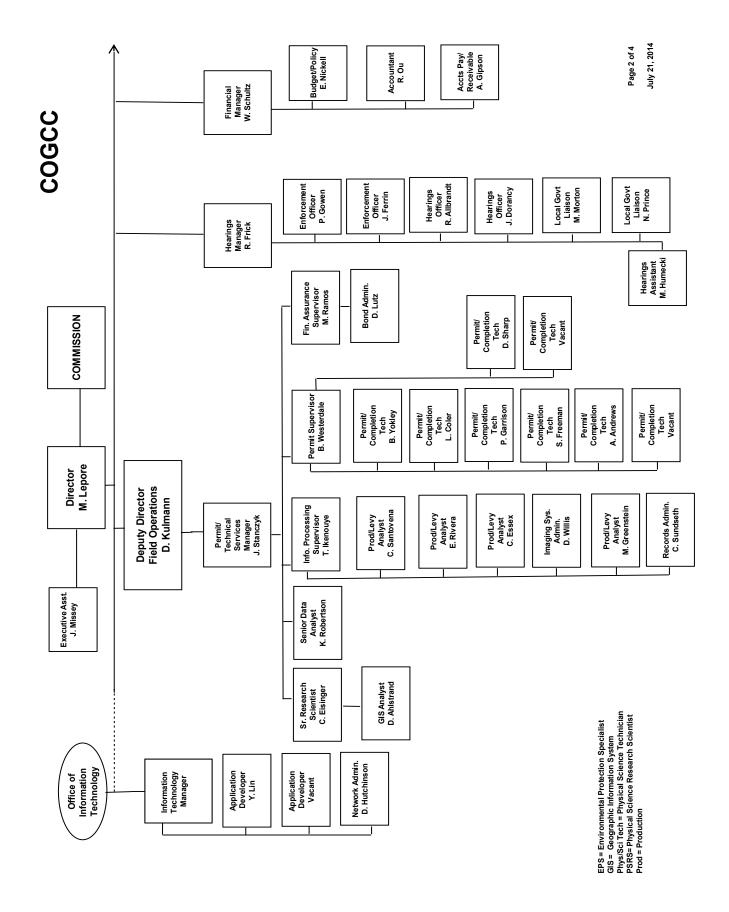
Website Update Project

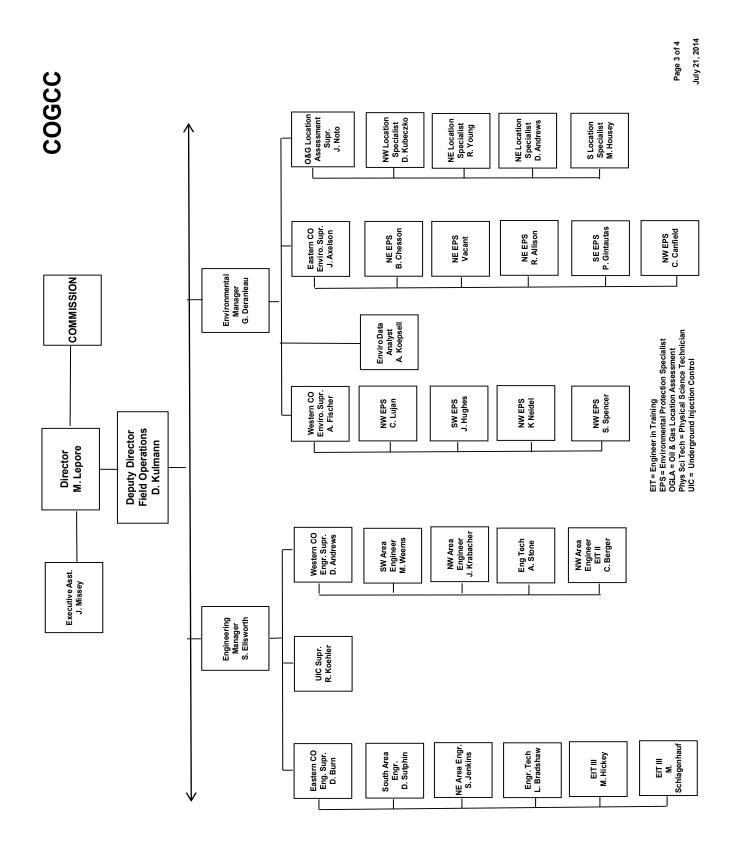
The COGCC website is being redesigned to simplify site navigation and to improve overall ease of use for both internal and external users. Content is being reorganized with an emphasis on public accessibility to information about oil and gas operations in the state, including Commission rules, regulations, 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.



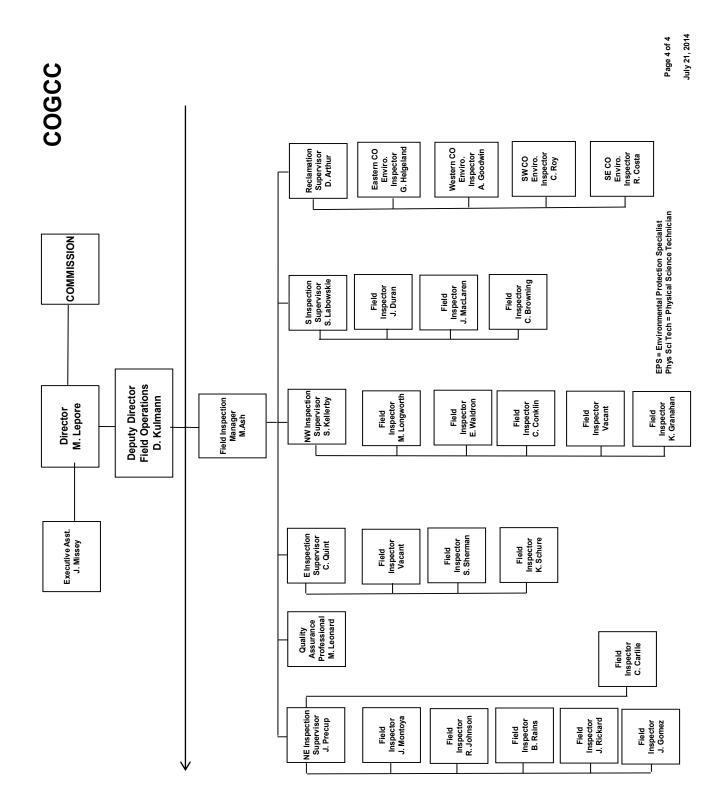
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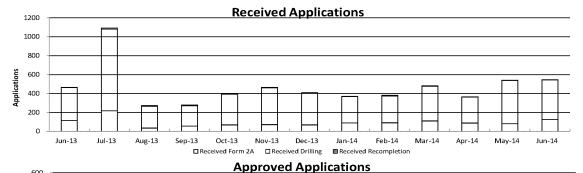
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S10, 129 S10, 129 S10 S11, 139 S10 S12, 113 S10, 113 S10, 113 S10, 113 S10, 114	MESA	REC/ENV	DeBeque-HOMESTEAD #2 & PASTURE #1 SALT REMEDIATION, RECLAMATION, & SOIL GAS SURVEYS	НЅТО	0\$	\$43,500	\$0	\$43,500	0\$	\$12,781	\$0		wo sites; only the Homestead #2 to be done this fiscal year. To notice site assessment, remedial design, installing two monitoring rrdwir wells and background samples/anal for surf and grind wir.
S15.926 S128.002 S0 S143.928 S15.926 S128.002 S0 S143.928 S15.926 S128.002 S143.928 S1	Logan	Plugging	Luther #2	FIOTH	\$0	\$43,129	\$0	\$43,129	\$0	\$12,113			emergency re-entry & PA; leaking well
ST6,926 \$427,204 \$0 \$443,130 \$16,926 \$429,032 \$0 \$444,988	Garfield	Reclamation	Biscuit Pad	DOLP	\$15,926	\$128,002	80	\$143,928	\$15,926	\$128,002		•	ind two access roads: ostly complete; still need to til in soil amendi North Pa ent focus; work halted w/o better weather an ins (6° in srow on grd)
ESTIMATED TOTAL PROJECT COSTS			TOTALS =>		\$15,926	\$427,204	\$0	\$443,130	\$15,926	\$429,032	П	\vdash	
SOND PRAW EMGY TOTALS BOND PRAW EMGY \$15,926 \$427,204 \$0 \$443,130 \$15,926 \$429,032 \$0 \$443,130 \$15,926 \$429,032 \$0 SCOREBOARD (PRAW FUNDING ONLY) \$0 IN PROGRESS ESTIMATED TOTALS \$0 IN PROGRESS REMAINING TOTALS \$0 IN PROGRESS REMAINING TOTALS \$429,032 COMPLETED TO DATE TOTALS \$429,032 COMPLETED TO DATE TOTALS \$429,032 SUM OF (IN PROGRESS TOTALS) AND (COMPLETED TO DATE TOTALS \$429,032 SUM OF (IN PROGRESS TOTALS) AND (COMPLETED TO DATE TOTALS \$445,000 ANNUAL ALLOTMENT BUDGET TOTAL \$15,968 BALANCE PROJECTED TO DATE TOTALS \$15,968 BALANCE PROJECTED TO BALES \$15,968 BALANCE PROJEC					ESTIMA	red total Pr	ROJECT COST	ည	 	012-2013 YTD E)	(PENDITURE	S	
SCOREBOARD (PRAW FUNDING ONLY) SO IN PROGRESS SETIMATED TOTALS			GRAND TOTALS =>		815,926	PRAW \$427,204	\$0	TOTALS \$443,130	BOND \$15,926	PRAW \$429,032		TOTALS \$444,958	
State Stat							SCOREBOA	ARD (PRAW	, FUNDING C	(A)NC			
\$60 IN PROGRESS REMAINING TOTALS \$429,032 COMPLETED TO DATE TOTALS) \$429,032 SIVING FIGH PROGRESS TOTALS) AND COMPLETED TO DATE TOTALS) \$445,000 ANUMOR AND CARRON FRECLAMMATION DESIGN* The original bond amount was \$25,000. \$3074 were spent in FYE2013 for the design work supervised my Mike Hickey. The balance of \$15,296 will be carried forward to Project Types: "PLUG" indicates pugging and abandonment. "REC" indicates reclamation, and "ENV" indicates environmental remediation EMAY: indicates funding by the Energency Response line item TBD. Cost estimates in process. TBD. Cost estimates in process.					0\$	IN PROGRES	S ESTIMATEL	DATE TOTAL	 				
BISCUIT RANCH RECLAMATION DESIGN* The original bond amount was \$25,000. \$9074 were spent in FYE2013 for the design work supervised my Mike Hickey. The balance of \$15,286 will be carried forward to FNOY: indicates funding by the Energency Response line item. TBD: Cost estimates in process. The design work indicates funding by the Plugging and Abanchoned Wells line item.					\$0	IN PROGRES	S REMAINING	TALS					
BISCUIT RANCH RECLAMATION DESIGN* The original bond amount was \$25,000. \$9074 were spent in FYE2013 for the design work supervised my Mike Hickey. The balance of \$15,296 will be carried forward to FNEX: Indicates pugging and abandonment, "REC" indicates redamation, and "EN/" indicates environmental remediation TBD: Cost estimates in process. TBD: Cost estimates in process.					\$429,032	SUM OF (IN F	PROGRESS TO	OTALS) AND	COMPLETE	D TO DATE TOT	'ALS)		
BISCUIT RANCH RECLAMATION DESIGN* The original bond amount was \$25,000. \$9074 were spent in FYE2013 for the design work supervised my Mike Hickey. The balance of \$15,296 will be carried forward to FYE2014, includes well site for the Biscuit Ranch Mukhihil 15-32 D & Biscuit Ranch 10-31 D Project Types: "PLUG" indicates plugging and abandonment, "REC" indicates reclamation, and "ENV" indicates environmental remediation EMGY: indicates funding by the Emergency Response line item TBD: Cost estimates in process. TRD: Cost estimates in process.					\$445,000 \$15,968	ANNUAL ALL BALANCE PF	COJECTED TO	DATE					
FVOSC it Uper's Though by the Engrency Response line item TBD: Cost estimates in process. PRAVI: indicates funding by the Plugging and Redaining Abandoned Wells line item	BISCUIT RANCH	H RECLAMATION D	DESIGN* The original bond amount was \$25,000. \$9074 Biscuit Ranch Mukihill 15-32 D & Biscuit Ranch 10-31 D	were spent in I	-YE2013 for the de	sign work supe	rvised my Mike	Hickey. The	balance of \$'	15,296 will be car	ried forward t	0	
PRAW: indicates funding by the <i>Pugging and Reclaiming Abandoned Wells</i> line item	EMGY: indicates	FLUG Indicates pill the funding by the Emails in process	ugging and abandonment, KEC indicates reclamation, si rergency Response line item		ates environmental	remediation							
	PRAW: indicate:	s funding by the Plu	ugging and Reclaiming Abandoned Wells line item										

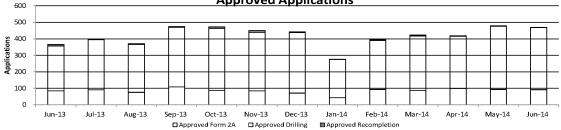


Colorado Oil & Gas Conservation Commission Monthly Permit Activity

	Backlog	Received	Approved	Withdrawn	Rejected	Incomplete	In-Process	Remaining
Form2A								
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	81	94	7	0	26	147	173
Jun-14	173	126	92	3	0	30	174	204
Drilling								
 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	367	329	13	0	103	601	704
Apr-14	704	275	317	16	0	63	583	646
May-14	646	457	383	16	0	53	651	704
Jun-14	704	417	377	8	0	62	674	736
Recompletion								
Jun-13	10	2	8	0	0	0	4	4
Jul-13	4	11	4	0	Õ	Õ	11	11
Aug-13	11	6	4	0	0	0	13	13
Sep-13	13	9	5	Ō	Ö	Ō	17	17
Oct-13	17	5	9	Õ	Õ	Õ	12	13
Nov-13	13	4	13	0	0	0	4	4
Dec-13	4	3	4	Ö	Õ	Ö	3	3
Jan-14	3	3	2	Ö	ő	Ô	4	4
Feb-14	4	6	4	0	0	0	6	6
Mar-14	6	4	6	Ö	ő	ő	4	4
Apr-14	4	2	3	0	ő	1	2	3
May-14	3	2	2	0	0	<u> </u>	2	3
Jun-14	3	3	0	Ö	ő	i	5	6
oun 17	J	3	J	-	-	=	urate data and cann	

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 July 12, 2014

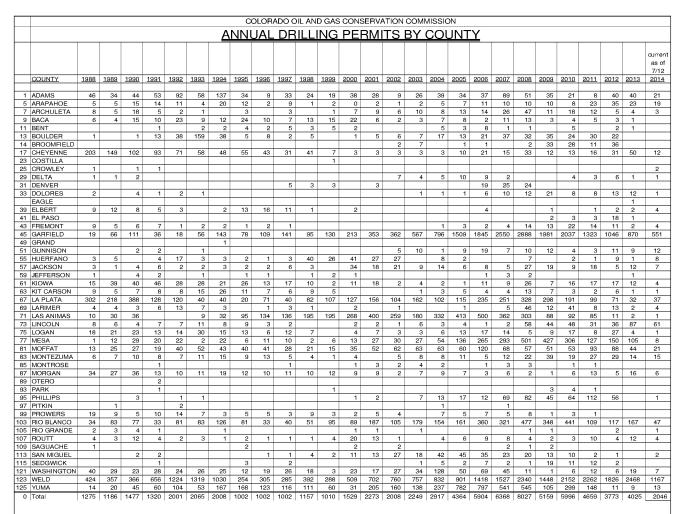
Form 2A Location Assessment

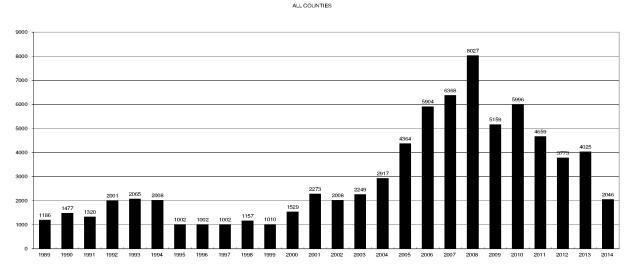
							Median			Greater
						Percent In	Days to	Less Than	30 to 49	Than 50
Year	Month	Received	Approved	Withdrawn	In Process	Process	Process	30 Days	Days	Days
2011	Total	2391	2298	93	0	0%		1416	620	262
2012	Total	1359	1289	68	2	0%		706	378	205
2013	1	177	163	12	2	1%	35	99	45	19
2013	2	91	83	8	0	0%	34	42	29	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		3	1	1%	52		36	
2014	2	88		1	3	3%	50		36	
2014	3	113				1%	45			
2014	4	81					40			
2014	5	92					38			
2014	6	134					24			
2014	7	39					0			
2014	Total	632	422	18	192	30%		102	188	132

Form 2 Application For Permit to Drill (APDs)

			10111127	Application	TOFFEIT	iic to Dilii	<u> </u>			
							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	186	2	0	0%	71	21	66	106
2013	10	339	332	7	0	0%	72	22	89	228
2013	11	373	357	11	5	1%	60	49	147	166
2013	12	380	311	66	3	1%	68	30	79	204
2013	Total	4554	4305	208	41	1%		1046	1626	1707
2014	1	261	246	5	10	4%	51	35	117	98
2014	2	298	283	13	2	1%	57	37	94	157
2014	3	359	350	8	1	0%	51	50	133	171
2014	4	223	204	8	11	5%	45	20	121	65
2014	5	501	257	0	244	49%	43	40	154	63
2014	6	439			<u> </u>		25	89	19	
2014	7	98	2	0	96	98%	13	2	0	C
2014	Total	2179	1450	41	688	32%		273	638	555









Colorado Oil and Gas Conservation Commission Form 2A Breakdown By County By Year July 12, 2014

					New				
Yr	County	Form2As	Completed	In Process	Location	CDP	SWH	RSO	CDPHE
2009	Total State	818	818	0	408	2	80	5	5
2010	Total State	2378	2376	0	1601	0	327	22	55
2011	Total State	2299	2297	2	1791	1	274	17	5
2012	Total State	1298	1294	4	946	0	173	6	1
2013	ADAMS	15	15	0	13	0	0	0	
2013	ARAPAHOE	15	15	0	15	0	0		
2013	ARCHULETA	1	1	0	1	0	0		C
2013	BACA	1	1	0	1	0	1	0	C
2013	CHEYENNE	44	44	0	40	0	0	0	C
2013	DELTA	2	2	0	1	0	1		C
2013	DOLORES	8 1	8	0	7	0	4		(
2013	EAGLE	1	1	0	1	0	1	0	(
2013	EL PASO	1	1	0	1	0	0		C
2013	ELBERT	1	1	0	1	0	0		
2013	FREMONT	3 86	3 82	0 4	6 35	0	1 71	0	(
2013	GARFIELD GUNNISON	9	9	0	3	1	/1 4	1	
2013	HUERFANO	3	3 3	0	1	0	0		
2013	JACKSON	10	10	0	<u>+</u>	0	10	0	
2013	KIOWA	9	9	0	8	0	0	0	
2013	KIT CARSON	1	1	0	1	0	0		(
2013	LA PLATA	15	13	2	5	0	1 5	0	(
2013	LARIMER		2	0	1	0	1	0	(
2013	LAS ANIMAS	2	2	0	1	0	0	0	(
2013	LINCOLN	74	73	1	74	0	0		
2013	LOGAN	4	4	0	0	0	0		
2013	MESA	8	7	1	5	0	1	0	
2013	MOFFAT	16	16	0	13	0	14	0	1
2013	MONTEZUMA	14	14	0	12	0	2	0	(
2013 2013	MORGAN PITKIN	16 1	12 0	4 1	16	0	0	0	
1 2013	IT LEININ	1			1				
	RIO BI ANCO	201	20	. n	11				
2013	RIO BLANCO ROUTT	20 9	20	0	11 10	0	21 9	0	
2013 2013	ROUTT	9	9	0	10	0	9	0	(
2013		9 20		0 0			9 0 8	0 0 0	(
2013 2013 2013	ROUTT WASHINGTON	9	9 20	0	10 21	0 0	9	0 0 0	C
2013 2013 2013 2013	ROUTT WASHINGTON WELD	9 20 784	9 20 783	0 0 1 0	10 21 588 2 899	0 0 0	9 0 8	0 0 0	0 0 3
2013 2013 2013 2013 2013 2013	ROUTT WASHINGTON WELD YUMA Total	9 20 784 8 1203	9 20 783 8 1189	0 0 1 0	10 21 588 2 899	0 0 0 0 1	9 0 8 0 1 64	0 0 0 0	() () () () () () () () () ()
2013 2013 2013 2013 2013	ROUTT WASHINGTON WELD YUMA	9 20 784 8 1203	9 20 783 8 1189	0 0 1 0 14	10 21 588 2 899	0 0 0	9 0 8 0	0 0 0 0 2	() () () () () () () () () ()
2013 2013 2013 2013 2013 2013 2013	ROUTT WASHINGTON WELD YUMA Total ADAMS	9 20 784 8 1203 9 8	9 20 783 8 1189	0 0 1 0	10 21 588 2 899 9	0 0 0 0 1	9 0 8 0 164 0	0 0 0 0 2 2	
2013 2013 2013 2013 2013 2013 2013 2014 2014 2014 2014	ROUTT WASHINGTON WELD YUMA Total ADAMS ARAPAHOE	9 20 784 8 1203 9 8 1	9 20 783 8 1189 7 7	0 0 1 0 14 2 2 1 0	10 21 588 2 899 9 8 0	0 0 0 0 1 1 0 0	9 0 8 0 164 0 0	0 0 0 0 2 2 0 0 0	(((((((((((((((((((
2013 2013 2013 2013 2013 2013 2013 2014 2014 2014 2014 2014	ROUTT WASHINGTON WELD YUMA Total ADAMS ARAPAHOE ARCHULETA BROOMFIELD CHEYENNE	9 20 784 8 1203 9 8 1 1	9 20 783 8 1189 7 7 7 1 1	0 0 1 0 14 2 1 0 0	10 21 588 2 899 9 8 0 0	0 0 0 0 0 1 0 0 0	9 0 8 0 164 0 0 1 0	0 0 0 0 2 0 0 0 0	
2013 2013 2013 2013 2013 2013 2014 2014 2014 2014 2014 2014 2014	ROUTT WASHINGTON WELD YUMA Total ADAMS ARAPAHOE ARCHULETA BROOMFIELD CHEYENNE CROWLEY	9 20 784 8 1203 9 8 1 1	9 20 783 8 1189 7 7 7 1 1 7 2	0 0 1 0 14 2 1 0 0 8	10 21 588 2 899 9 8 0 0	0 0 0 0 1 0 0 0 0	9 0 8 0 164 0 0 0 1 0 0	0 0 0 0 2 0 0 0 0 0	
2013 2013 2013 2013 2013 2013 2014 2014 2014 2014 2014 2014 2014 2014	ROUTT WASHINGTON WELD YUMA Total ADAMS ARAPAHOE ARCHULETA BROOMFIELD CHEYENNE CROWLEY DOLORES	9 20 784 8 1203 9 8 1 1 1 15	9 20 783 8 1189 7 7 1 1 2 1 7 2 2	0 0 1 0 14 2 1 0 0 8 0	10 21 588 2 899 9 8 0 0 13	0 0 0 0 1 0 0 0 0 0	9 0 8 0 164 0 0 1 0 0	0 0 0 0 2 0 0 0 0 0 0	
2013 2013 2013 2013 2013 2013 2014 2014 2014 2014 2014 2014 2014 2014	ROUTT WASHINGTON WELD YUMA Total ADAMS ARAPAHOE ARCHULETA BROOMFIELD CHEYENNE CROWLEY DOLORES ELBERT	9 20 784 8 1203 9 8 1 1 1 15 2	9 20 783 8 1189 7 7 1 1 1 4	0 0 1 0 14 2 1 0 0 0 8 0 1	10 21 588 2 899 9 8 0 0	0 0 0 0 1 0 0 0 0 0 0	9 0 8 0 164 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
2013 2013 2013 2013 2013 2013 2014 2014 2014 2014 2014 2014 2014 2014	ROUTT WASHINGTON WELD YUMA Total ADAMS ARAPAHOE ARCHULETA BROOMFIELD CHEYENINE CROWLEY DOLORES ELBERT FREMONT	9 20 784 8 1203 9 8 1 1 15 2 2 4	9 20 783 8 1189 7 7 1 1 1 7 2 2 1 4 4	0 0 1 14 2 1 0 0 0 8 0	10 21 588 2 899 9 8 0 0 13 2 2 4	0 0 0 1 1 0 0 0 0 0 0 0	9 0 8 0 164 0 0 0 0 0 0 0 0	0 0 0 2 2 0 0 0 0 0 0 0 0	
2013 2013 2013 2013 2013 2013 2014 2014 2014 2014 2014 2014 2014 2014	ROUTT WASHINGTON WELD YUMA Total ADAMS ARAPAHOE ARCHULETA BROOMFIELD CHEVENNE CROWLEY DOLORES ELBERT FREMONT GARFIELD	9 20 784 8 8 1203 9 8 1 1 1 1 1 1 1 5 2 2 4 4 2 2 4 4 5 4 5	9 20 783 8 1189 7 7 1 1 2 1 4 1 24	0 0 1 0 14 2 1 0 0 8 0 1 1 0	10 21 588 2 899 9 0 0 0 13 2 2 2 4 4 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 8 0 164 0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
2013 2013 2013 2013 2013 2013 2013 2014 2014 2014 2014 2014 2014 2014 2014	ROUTT WASHINGTON WELD YUMA Total ADAMS ARAPAHOE ARCHULETA BROOMFIELD CHEYENNE CROWLEY DOLORES ELBERT FREMONT GARFIELD GUNNISON	9 20 7844 8 8 1203 9 8 1 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 20 783 8 1189 7 7 7 1 1 7 2 2 1 4 4 4	0 0 1 14 2 1 0 0 0 0 0 0 1 1 0 1 2 1 2 1 1 0 0 1 0 0 0 0	10 21 588 899 9 8 0 0 0 2 2 2 4 4 2 10 10	0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 8 164 0 0 0 0 0 0 0 0 0 0 0 0 2 3 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
2013 2013 2013 2013 2013 2013 2013 2014 2014 2014 2014 2014 2014 2014 2014	ROUTT WASHINGTON WELD YUMA Total ADAMS ARAPAHOE ARCHULETA BROOMFIELD CHEYENNE CROWLEY DOLORES ELBERT FREMONT GARFIELD GUNNISON HUERFANO	9 20 784 8 1203 9 9 8 8 11 15 2 2 2 4 4 5 5 4	9 20 20 783 8 1189 7 7 7 1 1 1 2 1 4 4 4 4 4 4 4 4 4 4	0 0 1 1 14 2 1 0 0 8 8 0 1 1 1 2 1 2 1 1 2 2 1 1 1 2 1 1 1 2 1	10 21 588 2 899 9 8 0 0 13 2 2 2 2 10	0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 8 0 164 0 0 0 0 0 0 0 0 0 2 31 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
2013 2013 2013 2013 2013 2013 2013 2014 2014 2014 2014 2014 2014 2014 2014	ROUTT WASHINGTON WELD YUMA TOTAL ADAMS ARAPAHOE ARCHULETA BROOMHELD CHEVENNE CROWLEY DOLLORES ELBERT FREMONT GARFIELD GUNNISON HUERFANO JACKSON	9 20 7844 88 1203 9 11 15 15 15 15 15 15 15 15 15 15 15 15	9 20 20 27 83 8 8 1189 7 7 7 1 1 1 1 7 7 2 2 1 1 4 4 4 4 4 4 4 4 6 6 6	0 0 0 11 14 2 2 1 0 0 0 8 8 1 1 0 0 1 1 1 0 0 0 0 1 1 1 1	10 21 588 28 899 9 8 8 0 0 13 2 2 2 2 2 10 10	0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0	9 9 0 0 164 164 164 164 164 164 164 164 164 164	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
2013 2013 2013 2013 2013 2013 2013 2014 2014 2014 2014 2014 2014 2014 2014	ROUTT WASHINGTON WELD YUMA Total ADAMS ARAPAHOE ARCHULETA BROOMFIELD CHEYENNE CROWLEY DOLORES ELBERT FREMONT GARFIELD GUNNISON HUERFANO JACKSON KIOWA	9 20 7844 88 1203 9 11 15 15 15 15 15 15 15 15 15 15 15 15	9 20 20 783 8 1189 7 7 7 1 1 1 2 1 4 4 4 4 4 4 4 4 4 4	0 0 0 11 0 14 2 1 0 0 0 0 1 1 0 0 1 1 0 0 0 1 1 1 0 0 0 0 0 0 1 1 1 1 1 1 1 0	10 21 21 888 29 99 8 8 0 0 0 0 2 2 2 4 4 4 2 2 10 10 10 10 10 10 10 10 10 10 10 10 10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 8 0 164 0 0 0 0 0 0 0 0 0 2 31 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
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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

									(, - k, -, c											
	Prio	Prior Year	Ş	2009	6	2010	0	2011	1	2012	2	2013	13	2014	4	Total		Completion	tion	
County	Drilled	DA	PA	Permit	Spud	Permit	Spud	Permit	Spud	Permit	Spud	Permit	Spud	Permit	Spud	Spud	AC	PR	DA	ΡA
ADAMS				9	5	2	3	1		17	2	56	2	15	12	24		4		
ARAPAHOE	2							10	1	22	4	11		13	5		2	က		
ARCHULETA	17			7	9	15	7	10	∞	5	6	2		1		47		42		
BENT												1	1			1		<u> </u>		
BOULDER								4								0				
CHEYENNE	5		4									7	2	1	1	8		=		4
DELTA	 									9	2	T		1	1	3		H	 	
DOLORES	6			18	2	9				6	3	5	4			18		13		Н
EL PASO	 									10						0				П
ELBERT										1						0		<u> </u>		
FREMONT	7	9		9		12	5	3	4	4	1	1	1			18		10	9	Н
GARFIELD	10		2	T	1	16	2	18	9	43	9	18	3	8	2	30		25		7
GUNNISON	1					H				3	2	2		9		3		m		
HUERFANO										4	1			1		1				
JACKSON	8	1	1	∞		c	Э	6	2	4		∞	5	7	1	19		12	-	Н
KIOWA										1		4	1	1		1				
KIT CARSON	1									1		1	1			2				m
LA PLATA	28			11	2	28	3	18	7	12	1	5		14		41	1	46	1	
LARIMER	3	2						5	1	2	1		2			7		2	2	
LAS ANIMAS	16		2	4		1	1									17		14		æ
LINCOLN				2	1	2	1	1			1	9	1	2		4		3		
LOGAN	2									1						2		2		
MESA	3	2		36		22	∞	24	13	14		6	2	4	1	28		25	2	7
MOFFAT	7	1	1	9	3	4		6	4	44	9	18	13	4		33	1	19	1	П
MONTEZUMA	9		1	23		11	2	8	2	18	9	3	4	10		26		39		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	5			17	1	10	3	
ROUTT	10		1							1		1				10		3	9	1
SAN MIGUEL	1			1												1				П
WASHINGTON	1		1													1				П
WELD	11	3		12	5	208	95	292	233	964	296	2114	1061	1144	724	2725		1099	10	34
YUMA	1		1	9												1				1
TOTAL Horizontal	156	52	14	147	32	333	132	901	285	1203	644	2260	1113	1238	747	3109	10	1378	32	28
Percent of Total HZ		16%	%6														%	0% 44%	1%	5%
Total All Permits				5159		2996		4659		3773		4025		2046						
Percent of Total				2.8%		2.6%		19.3%		31.9%		56.1%		89.09						

Well to Building Setback Review

Colorado Oil and Gas Conservation Commission July 14, 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
less than 150 feet	2	3	3	2	0	1	11	0%
150 to 350 feet	37	58	61	39	34	22	251	3%
350 to 500 feet	50	110	97	61	64	25	407	5%
500 to 1000 feet	117	385	331	188	188	89	1298	17%
1000 + feet	356	1705	1470	838	762	340	5471	74%
Total Locations	562	2261	1962	1128	1048	477	7438	

1 302	2201	1302	1120	1048	4//	7436
		Less than 150				
County	Total	feet		350 to 500 feet	500 to 1000 feet	1000 + feet
ADAMS	59	0	3	5	14	37
ARAPAHOE	76	0	2	4	9	61
ARCHULETA	18	0	0	1	9	8
BACA	14	0	0	0	1	13
BENT	7	0	0	0	0	7
BOULDER	23	0	1	1	17	4
BROOMFIELD	33	0	0	4	13	16
CHEYENNE	118	0	0	0	2	115
CROWLEY	2	0	0	0	0	2
DELTA	7	0	0	2	1	4
DOLORES	18	0	0	0	6	12
EAGLE	1	0	0	0	0	1
EL PASO	13	0	0	0	2	11
ELBERT	8	0	0	0	2	6
FREMONT	37	0	2	7	7	21
GARFIELD	476	0	9	3	68	396
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	13	0	0	0	0	13
LA PLATA	108	0	4	13	31	60
LARIMER	33	0	4	3	10	16
LAS ANIMAS	201	0	6	7	37	150
LINCOLN	280	0	1	2	4	273
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	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	26	0	0	0	2	24
SAN MIGUEL	12	0	0	0	0	12
SEDGWICK	25	0	0	1	3	21
WASHINGTON	55	0	2	0	2	51
WELD	4360	0	205	319	952	2877
YUMA	487	0	7	14	42	424



Well to Building Setback Review

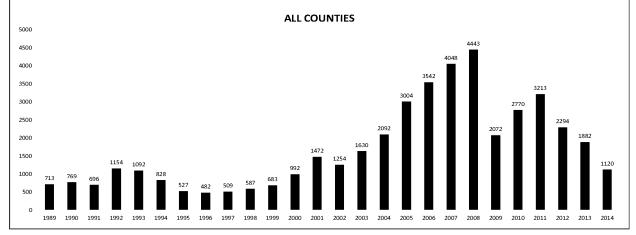
Colorado Oil and Gas Conservation Commission July 14, 2014

Listing of Locations less than 200 feet to Building

	Document		High	New			
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



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						1	<u> 4NI</u>	<u>NU</u>	<u> </u>	<u>W</u>	<u>ELL</u>	<u>_ S</u>	<u>TA</u>	<u>RT</u>	<u>S E</u>	<u>3Y </u>	CO	<u> </u>	<u>1T Y</u>	_							
																											Curren
																											as of 7/14
COUNTY	1988	1989	1990	1991	1992	1993	1994		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005		2007	2008	2009	2010	2011	2012	2013	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	17
ALAMOSA ARAPAHOE	2	4	16	11	11	3	9	8	3	3	2					ļ	6	1	5	2	1	1	3	9	8	14	10
ARCHULETA	5	3	7	5	2	1		2		1			4	4	2	5	4	10	5	7	26	9	12	9	11	14	
BACA	5	5	12	6	21	8	9	19	9	7	11	8	19	6	2	1	6	6	2	6	12		5	5	2	1	ļ
BENT			·	1	!		2	3	1	2	3	6	2				3	2	8	1	1			1	1	1	
BOULDER	2			7	18	56	15	5								2	5	11	9	14	25	16	13	7	14		
BROOMFIELD	3	2	3	7	14	27	22	2	2		ļ		ļ	ļ	2	ļ	1		ļ	ļ	10		21	11	5		ļ
CHEYENNE	177	133	92	75	64	50	44	41	35	29	29	6	2	1	3	3	ļ	9	14	15	14	8	12	11	16	35	11
CONEJOS COSTILLA			 		 							1					 		 								ļ
CROWLEY	1		1		 						 				·		ł		 								1
CUSTER	ļ -		t 	 	t	·									ļ	ļ	t		t								-
DELTA	1		1		T											5	4	6	5	2			4	1	6		1
DENVER										2	3	1		2					7	5	4						
DOLORES	2		4	1	ļ						ļ				ļ	ļ	2		2	13	4	2		1	5	10	ļ
DOUGLAS	ļ		ļ	ļ			ļ				ļ				ļ	ļ	ļ		ļ	ļ	ļ		ļ		ļ		ļ
EAGLE EL PASO	ļ				 						 						ļ		ļ						 	1	1
ELBERT	8	11	9	5	2			10	15	2	2		2				 		1				2		5		} -
FREMONT	6	3	5	7	1 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	208
GRAND							1																				
GUNNISON	ļ		1	2	<u> </u>	1								ļ	1	ļ	1	1	9	5	1	4	5	2	4	1	ļ
HUERFANO	6		ļ <u>.</u>	2	6	1	1	2		2	31	9	25	14	19	3	6	2	ļ <u>.</u>	ļ <u>-</u>	2	ļ <u>.</u>	2		2	1	ļ <u>.</u>
JACKSON JEFFERSON	2	1	3	7	2		3	1	1	3	3	2	24	2	4	10	10		3	2	10	1	6	7		5	2
KIOWA	14	32	35	37	28	19	20	22	-	13	6	4	8	16	2	44	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	-
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	14
LARIMER	8	5	1	6	13	5	3		2	1			1	1				1		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		ļ
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	22
LOGAN MESA	17 1	19 2	19 2	8 4	13 1	24	9 7	11 2	- 4 1	10	4	4	<u>4</u> 2	6 12	3 12	3 13	2 25	11 89	12 156	12 209	3 222	7 14	3 11	9 39	13 4	4 6	2
MOFFAT	1	2	1	2	1 1	1	2	1	3	1	8	10	18	23	25	28	19	40	60	42	25	18	15	34	25	22	1
MONTEZUMA	6	5	7	5	2	5	7	3	12	2	2		2	3	5	5	1	7	2	4	18	11	3	- 8	18	11	4
MONTROSE	·		İ	1	†									3		2	1		İ	1	2		1				ļ
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	ļ		ļ	1	ļ						ļ			ļ	ļ	ļ	ļ		ļ		ļ						ļ
OURAY	ļ		} -								ļ				 	ļ	 		} -		ļ				ļ		ļ
PARK PHILLIPS			3	1	 	1					ļ		1	ļ	 	6	10	11	4	35	18	2	2 42	130	48		}
PHILLIPS		1		 		-									 	<u></u>	10		 " -	33	10		-42	130	40		
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	·		İ		†											·	T		l		·						·
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	18
RIO GRANDE	1	2	2	ļ	ļ												ļ		ļ	ļ						1	ļ
ROUTT		1	1	3	1						ļ	1	5	12	1	ļ	1	6	3	2	ļ	2	1	2	4	2	ļ
SAGUACHE	1		ļ	ļ <u>-</u>				2							10	10	30	12		17							ļ
SAN MIGUEL SEDGWICK				1	 		1	3		2	3	1	6	9	10	19 1	28 2	13	20 1	17 5	5	1	2 3	2 8			} -
WASHINGTON	39	28	22	26	24	20	20	13	17	23	18	4	15	12	24	29	65	34	23	14	11	2	2	8 4	3	9	4
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	785
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	12
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	1120





Active Wells Page 1 of 1

Colorado Oil and Gas Conservation Commission

Active Wells by County and Status as of 07/14/2014

County	Drilling	Domestic	Injecting	Producing	Shut In	Temp Aband	Waiting on Completion		Intent to Plug	Total Active Wells
ADAMS	22		7	878	63	8	2	16		996
ARAPAHOE	18	1	4	124	14	9		39		209
ARCHULETA	1	5		102	9	9	7			133
BACA	1		11	128	43	5		55		243
BENT		1		29	7		1			38
BOULDER				314	2	1				317
BROOMFIELD				94	3					97
CHEYENNE	16		38	314	24	48	4			444
CROWLEY	1									1
DELTA				3	15		1			19
DENVER			1	44	4		3			52
DOLORES	3		1	38	4	1	1			48
EL PASO	1	1				1				3
ELBERT				65	4	2				71
FREMONT	2	3		62	4	6				77
GARFIELD	274	5	41	10080	190	63	108	1		10762
GUNNISON	1		1	25	14	1	4			46
HUERFANO	1		1	34	3	6	1			46
JACKSON	6		33	110	40	1				190
JEFFERSON			2	1	1		1	1		6
KIOWA	5		9	104	16	4	2			140
KIT CARSON		1	1	14	1	1	1			19
LA PLATA	13	7	32	3119	112	21	4	28		3336
LARIMER	3	2	25	174	33	18	2			257
LAS ANIMAS	1	4	19	2844	82	74	21	3		3048
LINCOLN	25	1	7	76	15	2	4			130
LOGAN	7		16	116	37	30	4	12		222
MESA	5	1	10	856	134	28	7	10		1051
MOFFAT	8		9	494	59	41	9			620
MONTEZUMA	4	2	9	127	31	13	2			188
MONTROSE						3				3
MORGAN	3		21	83	86	38	1	79		311
OURAY		2				1				3
PARK					1					1
PHILLIPS	3		3	258	2	1	1			268
PITKIN								10		10
PROWERS				27	3					30
RIO BLANCO	22	4	278	2195	308	91	21	4		2923
ROUTT		2		31	8	1	2			44
SAN MIGUEL				116	11	2				129
SEDGWICK	3		1	13	4		1			22
WASHINGTON	10		25	411	33	6	4			489
WELD	1301	1	37	19281	651	33	139	2		21445
YUMA	14	8	20	3749	60	13	20	1		3885
Totals	1774	51	662	46533	2131	582	378	261	0	52372

DNR CO

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Oil & Gas Staff Report

Colorado Oil Gas Conservation Commission Monthly Statistics

	Baker -				Permits							Active					Well				
YEAR MO	Hughes	Drilling		☱	_	Injection	ш	Pits	Locations	tions	Spud	Drilling	Active		Public Visit	S	Oper	Operators	ors	Release	Se
	Rig Count	~		Ĭ	-	Apv	ĕ	Ā	Rcvd	Authz		Permits	Wells	Data	Office	Internet	Change	New	_		Blukt
2010 Total		5703	966		515	34 28	120	225	2461	2548	2803			197	1115	1112479	8421	46	33	88	8
JAN	63	405	351	80	23	4 6	4		249	112	232	4755	43588	14	95	103968	815	_	2	က	-
FEB	61	343	249	15	2	9 /			184	150	209	4733	43869	21	80	96171	356	_	-	6	4
MAR	99	472	498	92	23	4 7	38		262	258	268	4847	43927	6	125	122393	296	2	က	9	က
APR	72	325	314	56	15			27	190	218	241	4882	44203	∞	105	106539	404	2	0	က	2
MAY	72	372	367	20	52	3 6	12	8	214	171	248	4904	44752	14	124	73024	244	က	0	2	2
NON	2	512	436	61	22	5 4	Ξ	4	172	239	272	5013	45401	တ္တ	131	108115	795	7	7	7	7
JUL.	69	457	436	13	22	2	13	7	215	158	261	5113	45710	8	74	103585	296	က	9	က	9
AUG	73	472	482	37	17	1 0	10		236	229	282	5328	45975	21	141	111950	275	2	က	12	7
SEP	77	336	389	22	53	7 0	35		159	203	322	5361	46115	6	120	116043	287	2	-	7	5
DCT	78	382	443	45	53	2	4		171	172	302	5423	46719	14	126	132814	292	4	2	12	9
NOV	80	342	324	53	22	0	12		166	174	305	5409	46721	18	96	130612	575	4	6	5	4
DEC	79	291	370	31	ಜ	4 0		28	164	183	278	5329	46835	6	77	132651	348	4	2	2	2
2011 Total		4709 4	4659		320	44 32	190	192	2382	2267	3220			187	1294	1337865	6743	83	31	79	44
JAN	73	372	258	56	21	3 0			142	129	245	5217	46958	12	106	112686	1051	က	က	7	5
盟	20	370	382	23	27	7 5	2		160	129	231	5173	47128	16	114	105857	385	9	6	∞	5
MAR	99	292	347	21	14	2 2	17	24	133	172	290	5132	47263	56	138	111746	378	4	-	7	က
APR	99	410	235	16	54	5 5	0	2	137	106	237	4785	47377	12	108	107627	477	4	7	9	က
MAY	99	491	206	23	16	3	9	2	105	131	211	4885	47533	20	123	109802	527	က	-	4	0
NNC	69	326	377	11	19	8 6	2	8	110	88	145	5136	47860	1	111	108849	1270	3	4	က	3
JUL	99	237	276	တ	14	3		2	26	103	190	5152	48173	13	102	114195	499	2	0	-	4
AUG	62	313	288	9	6	6 4	23		83	97	179	5031	49153	=======================================	112	110908	301	9	2	2	∞
SEP	61	252	256	-	2	5 2	4		84	77	159	4960	49230	=	88	106114	834	0	4	4	5
OCT	62	326	265	6	က			19	94	82	160	2009	49236	80	105	108833	485	-	7	6	-
NON.	56	271	323	2	ω	9 9	7		109	97	142	2000	49989	10	119	120586	462	9	4	12	80
DEC	22	322	260	4	80	8		က	122	8	107	5081	20067	တ	78	107240	958	9	7	က	
2012 Total		3982	3773		168	63 44	114		1373	1293	2296			159	1305	1324443	7627	47	37	70	46
NAC	53	538	331	9	0	3 2	9	8	176	124	143	2060	50265	6	108	47406	929	က	2	12	2
FEB	26	260	455	10	2	2 3	4	11	91	141	134	5250	50372	7	102	40649	293	4	2	9	3
MAR	22	344	241	2	6	3		9	129	84	166	5093	50540	6	133	43019	355	-	က	7	2
APR	61	331	333	9	2	5 5		80	146	117	162	4925	20687	က	132	46459	335	7	-	Ŋ	7
MAY	61	320	342	80	9				106	142	152	5110	50810	က	123	45215	349	2	-	က	0
N N	62	349	273	7	ω .			က	114	32	134	5273	20909	∞	122	41015	1455	9	N	7	4
J00.	89	864	304	Ε'	4				218	ာ i	156	0/09	51091	,	154	45558	1011	4	-	27 1	. 12
AUG	69	232	291	9 0	4 1	20 0	4 0	- 5	35	9/9/	186	5200	51255	202	30	44/22	389	9 5	4 +	က ပ	4 -
L L	20 02	210	200	ם ע	2 0	5 L			2 2	60	200	7907	7140	ט ע	3 5	45151	275	t (4	- c	o c	- c
38	69	346	353	0 4	υ <u>τ</u>	7 7	- 0		è 29	8 6	151	5141	51711	5	2 5	38903	442	٥	0 0	1 0	1 0
DEC	64	336	367	2	4	4		က	ස	7	109	5129	51737	4	93	32381	1299	4	-	-	2
2013 Total		4481 4	4028	74	72	67 63	29	106	1268	1213	1883			95	1456	511734	7205	49	21	48	26
JAN	62	277	232	4	2	3 4	14	8	06	43	160	4926	51840	-	06	46150	1964	9	က	က	2
FEB	61	281	297	2	4	0 1	ဗ	1	28	94	140	5051	51847	12	113	43408	1547	8	2	9	5
MAR	62	362	331	4	9	5	9		102	88	176	4997	51952	16	140	46620	403	2	က	-	5
APR	63	274	317	2	က	2	80	က	88	66	156	4897	22060	=	188	45558	268	2	7	9	4
MAY	65	440	383	7	7	2	9		73	94	166	4923	52202	92	131	42365	290	2	-	ကျ	ω ·
NOC	29	417	377	က	0	2	T)		126	92	211	4924	52337	10	156	42518	126	2	2		4
2014 Total		2051 1	1937	20	17	17 19	45	27	222	510	1009			89	818	266619	4598	31	13	56	೫



Colorado Oil Gas Conservation Commission Monthly Statistics

	Bonds										Remediation	hation		
YEAR MO		ဒၱ	Claim	Heal	Hearings	Enfo	Enforcement	ŧ			Proj	Projects	lusbe	Inspections
	Replace	드	Blnkt	Apps.	Orders	NOAV	AOC	OFV	Cmplt	Spills	Rcvd	Comp	Wells	Locations
2010 Total	74	0	1	155	136	319	10	3	218	493	511	382	17075	
JAN	4	0	0	16	15	43	3	2	33	40	47	45	1316	
盟	9	0	0	16					39	52	48	33	1591	
MAR	σ ·	0	0	NA S	NA NA		NA	¥.	31	48	23	27	1675	
A S		> <	> <	77	7.7	φ φ) c	Э u	0 8	52	သို့ လိ	ت م	929	
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5 =	> «) T	0	O AN	ος ΦΝ		ΔN	ţ V	‡ ç	၀ ဇ	3 8	3 8	7.033	
AUG	0 0	- 0	-	68		3 8			6	54	106	2, 25	1032	
SEP	2	0	0	44	41	4	2	4	16	46	29	99	069	
OCT	7	0	3	57	45	თ	0	0	15	38	102	28	636	
NON	-	0	0	AA	ΝΑ		NA	AA	16	31	20	28	739	
DEC	4	0	0	50	32	12	0	-	15	58	22	99	562	
2011 Total	.1 43	4	4	403	349	230	10	19	247	527	726	536	12394	
JAN	1	1	0	70		18	1	0	27	32	89	23	866	920
FEB		0	0	ΑA	ΑA		Ν	Ä	24	40	82	36	1998	1024
MAR		0	0	44	38	19	0	0	23	38	63	61	2200	1149
APR	2	0	0	80		Ξ	0	0	19	35	56	66	1701	930
MAY	က	0	0	43		14	2	0	23	32	27	122	2621	1701
NOC	4	0	0	Α	₹		NA	¥	35	33	46	86	1432	1091
JUL.	2	0	0	63	20	15	0	0	16	24	45	33	1319	1076
AUG	0	-		67		54			21	28	127	33	1898	1432
SEP	2	-		Ν	Ϋ́		ΝA	Ä	14	13	8	36	1137	864
OCT	0	0	0	30	36	9	1	0	13	44	116	37	1407	1029
NOV	7	0	0	85		16	2	0	10	44	58	44	1325	829
DEC	0	0	0	Α	ΑA	14	NA	¥	19	30	33	19	1031	610
2012 Total	33	3	0	482	396	157	9	2	244	402	069	641	19067	12705
JAN		0	0	48		15	4	0	21	40	31	45	1622	789
FEB	2	0	0	41	35	Ξ	2	0	15	30	42	06	1042	615
MAR	-	0	0	54		16	2	0	11	25	65	59	1967	1150
APR	∞	0	0	Α	₹		NA	¥	16	33	93	37	1508	910
MAY	0	0	0	46	20	22	9	0	13	31	4	99	2615	1576
N N	5	0	0	91		13	2	0	25	40	47	37	1857	1102
JUL.	0	0	0						21	47	22	52	2298	1339
AUG	2	0	0	NA	NA I	23	NA	¥.	52	27	36	41	2145	1033
SEP	> 0	0	0 0	101	51	†	7	0	9 9	3 6	.5 1	51	1535	/03
3	.71	0	>	25		4 6	-		7 9	ρ į	4/	3 5	1865	/\$11
S S	0	0	0	NA	Y Y		YA V	ΑN	12	51		34	2400	1613
DEC	0	0	0	42	48	20	4	0	14	75	35	32	2676	1384
2013 Total	20	0	0	571	522	237	37	က	201	568	207	541	23530	13371
JAN	0	0	0	57	46	52	2	0	8	71	46	28	3247	1601
FEB	0	0	0	A	Ϋ́		NA	ΑĀ	16	73	22	5	2326	1283
MAR	0	0	0	97		98	10	0	23	65	65	<u>ب</u>	1798	1297
APR	_	0	0				80	=	20	65	47	29	2601	1713
MAY	5	0	0	AA	Α	-	NA	ΑA	14	77	45	42	2400	1568
NOC	_	0		95	8	10	9	_	16	78	35	20	3085	1649
2014 Total	7	0	-	323	275	123	26	2	97	429	288	223	15457	9111