

Staff Report

Department of Natural Resources

Top Stories

New Notification to Local Governmental Designees

The COGCC recently rolled out the use of a new digital (e-mail) notification that will be sent to Local Governmental Designees (LGDs) and which will supplement other notifications they may receive concerning certain types of hearing applications for lands within their jurisdiction.

Unlike other LGD notifications, however, this new notification is not based on a COGCC rule, but has been added to provide additional information to local governments to aid in their planning efforts for oil and gas development.

At present, per COGCC Rule 507.c, an operator must notice the LGD (or LGDs, if lands extend to multiple LGD jurisdictions) upon submittal of a hearing application for a new drilling unit, for additional wells within an existing drilling unit, or for modifications to an existing drilling unit order.

To supplement Rule 507.c, the COGCC will now send an automatic e-mail to the LGD when the Commission approves one of these types of applications for lands within their jurisdiction. If no such order is issued for lands within an LGD's jurisdiction, no email will be sent.

The first such distribution of these e-mails went to LGDs in 17 local governments.

The notifications provided the following information:

- The application docket numbers;
- The corresponding order number; and
- Map showing the location of the approved order.

Docket items are available on the website under the Regulation tab, and then under the Hearings tab, by reviewing the docket of the applicable Commission Hearing. Search for orders under the Regulation tab, and then under the Orders tab, by simply entering the cause and order number.

LGDs should be aware that there will be a lag between the Commission Hearing and the time the orders are available on the website. The first e-mails of this type provided notice of the Drilling Unit orders issued at the March 20, 2017 Commission Hearing (in Loveland), and were sent during the week of April 10. In the future, the e-mails will be sent within a week of the Commission Hearing.

The next Commission Hearing is May 1 and 2 in Denver, and the schedule for all future Hearings can be found on the COGCC website under the Regulation tab, then under the Hearings tab.

COGCC welcomes comments and suggestions on how we may improve these (and other) types of notifications. Questions regarding the new notifications can be directed to Marc Morton, the COGCC Local Government Liaison at (303) 894-2100, ext. 5132 or by e-mail:

marc.morton@state.co.us

◆ COGCC GIS Online Interactive Map Update

The COGCC has recently updated the agency's interactive map to restore Address Search functionality, improve stability, and provide a better user experience. Map layers have been reorganized and in some cases relabeled to simplify navigation and provide a better explanation of the data presented.

Another notable addition is the capability to navigate and display locations in the context of the assessor's parcel number (APN). This parcel search feature is currently available for 24 counties; the parcel data for the remaining oil



and gas producing counties will be added as it is obtained and processed. For more information regarding these updates, please see this page:

http://cogcc.state.co.us/maps.html#/gisonline

♦ Martinez v. COGCC

In November 2013, a group of citizens requested that the Colorado Oil and Gas Conservation Commission adopt a rule that the Commission "not issue any permits for the drilling of a well for oil and gas unless the best available science demonstrates, and an independent, third party organization confirms, that drilling can occur in a manner that does not cumulatively, with other actions, impair Colorado's atmosphere, water, wildlife, and land resources, does not adversely impact human health and does not contribute to climate change." The Commission denied the request after a hearing.

Plaintiffs appealed the Commission's decision to Denver District Court. The District Court affirmed the Commission's position. On appeal, the Colorado Court of Appeals reversed the District Court's decision, sending the matter back to the Commission for additional consideration.

The March 23, 2017 Court of Appeals reversal turned on the interpretation of the statute which says:

It is declared to be in the public interest to: [f]oster the responsible, balanced development, production, and utilization of the natural resources of oil and gas in the state of Colorado in a manner consistent with protection of public health, safety, and welfare, including protection of the environment and wildlife resources.

The appeals court concluded that "in a manner consistent with" does not indicate a balancing test but rather a condition that must be fulfilled before oil and gas development can take place. The decision did not order the Commission to conduct the requested rulemaking, but instead rejected the Commission's determination that the Commission did not have legal authority to adopt the proposed rule.

At this time, the Commission is still deciding whether to pursue an appeal to the Colorado Supreme Court.

See Xiuhtezcatl Martinez et al v. COGCC, 2017 CO A37.

◆ The Seven Top Violations Explained

The COGCC Enforcement Program compiles a number of reports that summarize enforcement activities. They are posted here:

http://cogcc.state.co.us/reg.html#/
enforcement

New reports are regularly added. Those interested should check back often to see updated information.

A review of one such report, the 2016 Annual Violations and Penalties Report under Executive Order No. D 2013-004, reveals seven categories of violations that were most frequently cited in enforcement orders entered in 2016, namely:

- Rule 308A / 308B COGCC Form 5 / Form 5A
- Rule 309 COGCC Form 7
- Rule 326 Mechanical Integrity Testing
- Rule 605 Oil & Gas Facilities (Berms)
- Rule 906 Spills and Releases
- Rule 1003 Interim Reclamation
- Permit / Order Violations.

Multiple guidance documents are available to assist operators in complying with these requirements. A more detailed write-up of these seven categories, with reference to rule-specific guidance documents, has been posted on the website under the Regulation tab, then under the Enforcement tab, and finally under the 2016 Enforcement Summary link, or at

http://cogcc.state.co.us/documents/reg/ Enforcement/2016%20Enforcement% 20Summary.pdf

If you have questions about enforcement orders, please contact either Peter Gowen (peter.gowen@state.co.us), Jeremy Ferrin (jeremy.ferrin@state.co.us), David Beckstrom (david.beckstrom@state.co.us) or Steven Mah (steven.mah@state.co.us).



♦ Financial Assurance Audit Results

The plugging financial assurance required by Rule 706 ensures protection of the soil, proper plugging and abandonment of the well, and reclamation of the site. Rule 707 requires additional plugging financial assurance when an operator has too many inactive wells.

Inactive wells are not a source of revenue for the operator. The COGCC 100 Series Rules defines inactive wells as 1) shut-in (SI) well from which no production has been sold for 12 consecutive months, 2) any well which has been temporarily abandoned (TA) for six consecutive months, or 3) any injection well (IJ) which has not been utilized for 12 consecutive months.

Between June 2015 and March 2017, the COGCC Financial Assurance Unit audited all operators of wells in Colorado for compliance with Rule 707. Noncompliant operators were sent a Warning Letter with a deadline for providing financial assurance for plugging and reclamation. Those who did not respond to the Warning Letter were issued an NOAV.

The results of the audit are summarized below:

Operators Reviewed	494
Operators in Compliance Initially	434
Warning Letters Issued	60
NOAVs Issued	8
Additional Financial Assur- ance Secured	\$48.69 million

This Rule 707 compliance review is critical protection for the state from the financial risk posed by inadequately bonded operators. Going forward, the Financial Assurance Unit will continue this audit process, reviewing all operators every 2 years. The next reviews will begin in June 2017.

♦ State CO₂ Enhanced Oil Recovery Deployment Work Group

Governors Mather Mead (R-WY) and Steve Bullock (D-MT) jointly convened a 14 state work group to

conduct analysis, identify policies, and develop recommendations for State and Federal policymakers regarding the storage of CO_2 . The group aims to 1) expand CO_2 capture from power plants and industrial facilities, 2) build out pipeline infrastructure to transport that CO_2 , and 3) use CO_2 in oil production. In addition, the group is exploring policies to encourage the safe and permanent storage of CO_2 .

COGCC Engineering Staff also submitted comments on the group's White Paper entitled "21st Century Energy Infrastructure: Policy Recommendations for Development of American CO₂ Pipeline Networks."

♦ New Basis for Well Status

For several years, the status of a well in the database was updated only by the approval of a Form 5A, Completed Interval Report. Because a Form 5A is not required for all changes in well status, this method did not provide the most current, up to date status.

Form 7, Monthly Report of Operations, indicates all status changes for each active well and does so on a monthly basis. Therefore, as of March 14, a well's status in the database is based on the most recent Form 7.

The most dramatic change was a reduction in the number producing wells with a corresponding increase in the number of shut-in and temporarily abandoned wells. Because these well statuses change often, these numbers (see the Active Wells by County and Status table on Page 30) are expected to fluctuate.

◆ Local Government Liaison (LGL) Program Update

Marc Morton is COGCC's Local Government Liaison (LGL) and works to promote the benefits of participation in the nationally unique Local Governmental Designee (LGD) program offered by the COGCC.

As COGCC's LGL, Marc strives to enhance collaboration between local governments and the COGCC in the regulation of oil and gas by providing information, training, outreach, and consultation to LGDs, other local government staff, the public, non-governmental



organizations, industry representatives, elected officials, and others interested in collaborating with the COGCC regarding oil and gas regulation. Local governments may register to participate in the program by completing a signed COGCC Form 29.

As a reminder to currently participating LGDs, it is important to notify the COGCC (via submittal of an updated Form 29) of any change in email address or contact information, or of a change in the status of participation in the LGD program. The link to the Form 29 is available on the COGCC website (cogcc.state.co.us) under the Regulation tab, and then under the Forms tab, or via the link below:

http://cogcc.state.co.us/documents/reg/Forms/ PDF_Forms/form29.pdf At present, 163 local governments participate in the voluntary LGD program, including 55 counties, 102 municipalities, and six special districts. Information pertinent to local governments is available on the COGCC website (cogcc.state.co.us) under the Government tab, including a list of participating LGDs, LGD search tools, eForm login, LGD Newsletters, an LGD Program Fact Sheet, and other information.

LGD training is available upon request and is tailored to meet the specific needs of local governments.

A list of the LGL outreach and public involvement activities conducted since the previous staff report is included in the Public Outreach section below.

Public Outreach

Outreach by Director and Other Staff

 From April 2 to April 6, Environmental Data Analyst Arthur Koepsell, Senior Data Analyst Ken Robertson, and Senior Research Scientist Chris Eisinger attended the Groundwater Protection Council (GWPC) Risk Based Data Management System annual spring training in Lido, Florida.

At this national meeting, participants discuss trends and best management practices regarding application development and database management for ground water protection regulators. The presentations made by the COGCC attendees were as follows: "Colorado Use of RBDMS Environmental" by Arthur Koepsell, "Creating and Using Spatial Queries to Conduct Intersect Analyses" by Ken Robertson, and "Hands on with Power BI" by Chris Eisinger.

- On April 6, Engineering Integrity Supervisor Mark Schlagenhauf, P.E. delivered a joint presentation with Jake Janicek of Caerus Oil and Gas entitled "Oil and Gas Flowlines: Installation, Operation, and Regulation" for the Energy Advisory Board (EAB) meeting in Rifle. Mark discussed legal and regulatory aspects of flowlines, and Jake covered operational aspects of flowlines.
- On April 6, Engineering Integrity Supervisor Schlagenhauf gave a presentation called "Flowline Integrity Program Update" for the

- Northwest Colorado Oil and Gas Forum in Rifle. The presentation was covered in *The Daily Sentinel*, a major news outlet for Colorado's Western Slope.
- On April 18, Integrity Engineer Ellice Hazard participated in an Engineering Seminar at the University of Colorado - Denver. She discussed her past experiences in the private sector, her current role as an Integrity Engineer, and her perspective on working for the State of Colorado as an Engineer-In-Training.

> Outreach by the LGL

- On March 9 and at the request of BBC Research and Consulting, Permit and Technical Services Manager Jane Stanczyk, Senior Data Analyst Robertson, and Marc Morton consulted with BBC regarding COGCC GIS data retrieval capabilities and recently observed trends in drilling and completion.
- On March 9 and at the request of by the Colorado Rural Water Association, Marc attended the Association's annual source water protection meeting at the Denver Federal Center in Lakewood.
- On March 15, Marc attended the bi-monthly meeting of the City of Aurora's Oil and Gas Advisory Committee.



- On March 20, during the Commission Hearing in Loveland, Marc organized a working lunch between COGCC Commissioners, COGCC Staff, and local government representatives from Larimer County and several Larimer County municipalities including Fort Collins, Loveland, Timnath, and Windsor.
- On March 29, Marc Morton attended a Source Water Protection Planning Workshop organized by the Town of Castle Rock.
- On April 6, Marc Morton coordinated the Northwest Colorado Oil and Gas Forum meeting in Rifle. COGCC presenters included Director Matt Lepore, Environmental Unit Manager Greg Deranleau, Integrity Supervisor Schlagenhauf, and Marc Morton.
- On April 6, Marc Morton travelled to Rifle to attend the monthly Garfield County Energy Advisory Board meeting. COGCC Engineering Integrity Supervisor Mark Schlagenhauf provided a presentation titled "Oil and Gas Flowlines -Installation, Operation, and Regulation."
- On April 10, Marc Morton provided a two hour LGD orientation training to Commerce City staff at COGCC offices in Denver.
- From April 19 to 20, Marc Morton travelled to Rifle to attend the fifth annual Energy and Environment Symposium presented by Garfield County and the Colorado Mesa University Unconventional Energy Center.

Regional Activities

Northwest Colorado

♦ Northwest Colorado Oil and Gas Forum

Remaining Northwest Colorado Oil and Gas Forum (NWF) meetings in 2017 are scheduled for August 3 and December 7. Meetings will be held in Rifle at the Colorado Mountain College - Rifle Campus / Clough Auditorium (3695 Airport Road, Rifle) between 9:00 a.m. and 12:00 p.m.

Meeting agendas are posted to the COGCC website approximately two weeks prior to each meeting. COGCC welcomes suggestions and input for speakers, topics, and meeting format and venue.

Meeting information is emailed to those on the email distribution list. NWF meetings are open to the public, and public comment is welcomed as part of each meeting. Past presentations (dating back to 2006) are available from

http://cogcc.state.co.us/library.html#/forums

All parties wishing to be placed on the next meeting agenda or added to the email distribution list for announcements should contact Marc Morton at (303) 894-2100, ext. 5132 (direct), (720) 415-4959 (mobile), or by email:

marc.morton@state.co.us

♦ Project Rulison

The email for Project Rulison submittals is

DNR_rulison.submittal@state.co.us

♦ Project Rio Blanco

The email for Project Rio Blanco submittals is

DNR_rioblanco.submittal@state.co.us

Southwest Colorado

♦ Fruitland Formation Outcrop Mitigation and Monitoring Projects

South Fork Texas Creek Mitigation Site - La Plata County. Regularly scheduled operations and maintenance are being performed at the South Fork Texas Creek (SFTC) site by LTE, the COGCC's contractor. Since May 2009, the system has collected 20,073 Mcf of methane and generated 231,231 kWh of surplus electricity.

The results of Fruitland Outcrop monitoring efforts in 2015 were presented at the 2016 First Quarter GORT Meeting by LTE. The 2015 Fruitland Outcrop Monitoring Report has also been posted in the COGCC website library under the 3M project in the San Juan Basin at the following link:



http://cogcc.state.co.us/documents/library/ AreaReports/SanJuanBasin/3m_project/2015% 20FRUITLAND%20OUTCROP%20MONITORING% 20REPORT_La_Plata.pdf

The 2016 4M Monitoring Report, prepared by Resource Hydrogeologic Services, has been posted in the COGCC website library under the 4M Project in the San Juan Basin at the following link:

http://cogcc.state.co.us/documents/library/ AreaReports/SanJuanBasin/4m_project/4M% 200M%20Report%202016.pdf

At all eleven 3M/4M monitoring well locations, the contractor replaced the 12V lead acid batteries during last summer and fall. The work included replacement of desiccants at each well during last spring or summer. The contractor replaced the lower transducer at the Beaver Creek monitoring well #1 in July. The cable for the upper transducer in this well was also replaced.

Last fall, the contractor replaced the cable for the lower transducer in the Wagon Gulch #2 monitoring well. In addition, both the upper and lower transducers were replaced at the Fosset Gulch #1 monitoring well. As the monitoring well network ages, more system upgrades and maintenance are anticipated.

♦ Gas and Oil Regulatory Team (GORT) Meetings

Remaining GORT meetings in 2017 are scheduled for June 29 and October 12. These meetings will be held in Durango at the Durango Public Library (1900 E. 3rd Avenue) from 9:00 a.m. to 12:00 p.m.

GORT meeting agendas will be posted to the COGCC website approximately one to two weeks prior to each meeting, and emailed to those on the email distribution list. GORT meetings are open to the public, and public comment is held as part of each meeting. The COGCC welcomes suggestions and input for speakers, topics, and meeting format and venue.

All parties wishing to be placed on the next meeting agenda or added to the distribution list for announcements should contact Marc Morton at (303) 894-2100, ext. 5132 (direct), (720) 415-4959 (mobile), or by email:

marc.morton@state.co.us

Variances

◆ Linn Operating LLC (Linn)

On March 31, 2017, the COGCC Director granted Rule 502.b variances to Linn for 28 locations in Garfield County. The variances extend the March 1, 2017 performance requirement of the "Notice to Operators: Procedures for Preset Conductors (NTO)" until September 1, 2017.

The NTO required conductors preset prior to September 1, 2016 to be either plugged, permitted with an additional \$5,000 bond, or receive a COGCC approved alternative plan. Linn requested this extension due to the sale of all of these locations in early May 2017.

The extension will allow time for the new operator to evaluate these assets and determine the best course of future action.

Admin / Organization / Other

Plugging and Reclaiming Orphaned Wells (PROW) - Project Updates

The Benchmark BOND NW Graylin D-Sand Unit #20W Plug and Abandon Project is in the "distressed operator" section of the PROW Program (Order 1V-564). The location is in Logan

County, approximately nine miles northwest of Sterling.

The COGCC plugged the well in January, and remaining project work includes abandoning the flowlines and removing equipment from the location. Staff continues to evaluate plugging

and abandonment priorities for other wells in the NW Graylin Field.

The Pagoda Plug and Abandon Project is located approximately 14 miles southeast of Craig, near the Moffat and Routt county line, and includes two previously plugged wells.

The landowner is improving and developing the east fork of the Williams Fork River habitat on his property and has requested that the COGCC cut off the existing above ground vertical plugging and abandonment markers. This project may be delayed until next summer or fall because of scheduling conflicts with the landowner.

The Cache Unit #8 Plug and Abandon Project is in the "distressed operator" section of the PROW Program (Order 1V-577). This location is in Montezuma County, approximately 26 miles westsouthwest of Cortez.

The COGCC plugged the well in December, and remaining work includes abandoning both the injection line and the old oil flow line, removing the existing rig anchors, re-grading portions of the access road, and cleaning out a cattle guard. The COGCC is waiting on contractor availability to schedule the work.

The Lloyd & Lowell #1 Plug and Abandon Project is located about two miles west of DeBeque in Mesa County. This well was drilled in 1914 to a total depth of 3,045 feet. However, casing and cement records are not available. The well is currently discharging water and natural gas with a dark tar like material near the well. The volume of water flowing from the well over many years has created its own artificially irrigated wetlands, making access to the well difficult.

Water analysis indicates 1,100 milligrams per liter total dissolved solids and 110 micrograms per liter of benzene. Downhole camera work was attempted, but a wooden plug was observed in the casing near surface. This project has been sent out to bid. Timing of the project may be delayed while working with the U.S. Army Corps of Engineers through wetland permitting requirements.

The **State #1-36 Plug and Abandon Project** is located approximately 6 miles east-southeast of Cortez in Montezuma County. The well was drilled in 1982 to a total depth of 500 feet in the

Dakota Formation and had a show of natural gas but no economic production. The well has six inch outside diameter open casing rising four feet above ground with the well identification in raised welded beading on the casing. There is no surface plug, and it appears that the operator may have left the well for fresh water purposes. The work is scheduled for later in spring 2017.

The Wolcott #1 Plug and Abandon Project is a former domestic gas well located approximately two miles west of Mancos in Montezuma County. The well was drilled in 1981 to a total depth of 234 feet in the Dakota Formation and had a show of oil, but no economic production. The well has seven inch outside diameter open casing that is buckled at the surface. The well is discharging water to surface. The work is scheduled for later in spring 2017.

The Doerfer #1-5 and Doerfer #2 Plug and Abandon Project is in the "distressed operator" section of the PROW Program (Order 1V-586). Both wells are located approximately three miles south of Mancos. The Doerfer #1-5 well was drilled in 2009 to a total depth of 1,345 feet, and the Doerfer #2 well was drilled in 1979 to a total depth of 1,310 feet, with both wells terminating in the Dakota Formation. Both wells produced oil at a rate of three to four barrels of oil per day prior to being shut in. The work will be scheduled at a future date.

The Ranchers BOND Retta J #1 Reclamation Project is located in Larimer County, near the City of Windsor. The COGCC claimed the Ranchers Exploration bond in Order 1V-526. The site is complicated by the fact that the well was drilled on the closed Johnston Landfill, which ceased business operations in 1982.

The Colorado Department of Public Health and the Environment (CDPHE) landfill closure plan does not allow any disturbance to the landfill area. Disturbance occurred during the well pad construction and during the drilling operations. The COGCC required the drilling operation to end early in the drilling operations process and prohibited further oil and gas operations on the location.

The well was plugged and abandoned by the operator in April 2012, but the operator failed to implement adequate stormwater BMPs and reclaim the well site. The COGCC and CDPHE are



working together to close the location since there is a landfill component and an oil and gas component.

The first phase of and soil sampling and reclamation design work was completed June 30, 2016. Landfill cap design work has been contracted for late spring 2017, with the goal of developing a plan to close the landfill and reclaim the location. Field work will be rescheduled for fall 2017.

Pages 18 through 21 contain a spreadsheet listing PROW projects that are either planned, in progress, or completed as of April 21, 2017.

♦ Interested Parties Notifications

Monument Global Resources Inc.

BY ORDER OF THE COLORADO OIL AND GAS CONSERVATION COMMISSION

ORDER NO. 1V-600

TO ALL INTERESTED PARTIES AND TO WHOM IT MAY CONCERN:

Pursuant to Section 34-60-124 of the Colorado Revised Statutes and Order No. 1V-600 of the Colorado Oil and Gas Conservation Commission ("Commission"):

The Commission has claimed all equipment, saleable product, and appurtenances related to the oil and gas operations of Monument Global Resources Inc. ("Monument") (Operator No. 10430). The Commission has revoked Monument's right to conduct oil and gas operations in Colorado, including transporting oil and gas to market.

The Commission has commenced activities to investigate, prevent, monitor, or mitigate conditions that threaten to cause, or that actually cause, significant adverse environmental impacts at oil and gas locations formerly operated by Monument. These activities may include the plugging and abandonment of wells.

The Commission's actions may impact the following properties, located in Montezuma County, Colorado:

- 1. Sections 1, 2 and 3, Township 34 North, Range 20 West, N.M. P.M.
- 2. Sections 34 and 35, Township 35 North, Range 20 West, N.M. P.M.

Additional information regarding these properties can be found here:

http://cogcc.state.co.us/reg.html#/
enforcement/orphans

ANY PARTY WHO CLAIMS AN INTEREST IN THIS EQUIPMENT, SALEABLE PRODUCTS, APPURTENANCES, OR IN THE PLUGGING OF THESE WELLS MUST CONTACT THE COMMISSION'S ENFORCEMENT SUPERVISOR IMMEDIATELY, by: phone - (303) 894-2100; email - dnr_cogccenforcement@state.co.us; or mail - Colorado Oil and Gas Conservation Commission, Attn: Enforcement Supervisor, 1120 Lincoln Street, Suite 801, Denver, Colorado 80203.

PetroHunter Operating Company

BY ORDER OF THE COLORADO OIL AND GAS CONSERVATION COMMISSION

ORDER NO. 1V-608

TO ALL INTERESTED PARTIES AND TO WHOM IT MAY CONCERN:

Pursuant to Section 34-60-124 of the Colorado Revised Statutes and Order No. 1V-608 of the Colorado Oil and Gas Conservation Commission ("Commission"):

The Commission has claimed all equipment, saleable product, and appurtenances related to the oil and gas operations of PetroHunter Operating Company ("PetroHunter") (Operator No. 10200). The Commission has revoked PetroHunter's right to conduct oil and gas operations in Colorado, including transporting oil and gas to market.

The Commission has commenced activities to investigate, prevent, monitor, or mitigate conditions that threaten to cause, or that actually cause, significant adverse environmental impacts at oil and gas locations formerly operated by PetroHunter. These activities may include the plugging and abandonment of wells.

The Commission's actions may impact the following properties, located in Rio Blanco County, Colorado:

1. Sections 1, 10, 14, 16, 21-23, 26, 27, 31 and 35, Township 1 North, Range 95 West, 6th P.M.

The Commission's actions may also impact the following properties, located in Garfield County, Colorado:

1. Section 9, Township 8 South, Range 96 West, 6th P.M.

The Commission's actions may impact the following properties, located in Mesa County, Colorado:

1. Section 18, Township 8 South, Range 96 West, 6th P.M.

Additional information regarding these properties can be found here:

http://cogcc.state.co.us/reg.html#/ enforcement/orphans

ANY PARTY WHO CLAIMS AN INTEREST IN THIS EQUIPMENT, SALEABLE PRODUCTS, APPURTENANCES, OR IN THE PLUGGING OF THESE WELLS MUST CONTACT THE COMMISSION'S ENFORCEMENT SUPERVISOR IMMEDIATELY, by: phone - (303) 894-2100; email - dnr_cogccenforcement@state.co.us; or mail - Colorado Oil and Gas Conservation Commission, Attn: Enforcement Supervisor, 1120 Lincoln Street, Suite 801, Denver, Colorado 80203.

P&M Petroleum Management LLC

BY ORDER OF THE COLORADO OIL AND GAS CONSERVATION COMMISSION

ORDER NO. 1V-520

TO ALL INTERESTED PARTIES AND TO WHOM IT MAY CONCERN:

Pursuant to Section 34-60-124 of the Colorado Revised Statutes and Order No. 1V-520 of the Colorado Oil and Gas Conservation Commission ("Commission"):

The Commission has claimed all equipment, saleable product, and appurtenances related to the oil and gas operations of P&M Petroleum

Management LLC ("P&M") (Operator No. 66565). The Commission has revoked P&M's right to conduct oil and gas operations in Colorado, including transporting oil and gas to market.

The Commission has commenced activities to investigate, prevent, monitor, or mitigate conditions that threaten to cause, or that actually cause, significant adverse environmental impacts at oil and gas locations formerly operated by P&M. These activities may include the plugging and abandonment of wells.

The Commission's actions may impact the following properties:

Adams County, Colorado:

- 1. Section 18, Township 1 South, Range 63 West, 6th P.M.
- 2. Section 22, Township 1 South, Range 67 West, 6th P.M.
- 3. Section 35, Township 2 South, Range 58 West, 6th P.M.

Arapahoe County, Colorado:

1. Section 31, Township 4 South, Range 63 West, 6th P.M.

Baca County, Colorado:

- 1. Section 10, Township 34 South, Range 41 West, 6th P.M.
- 2. Sections 19 and 30, Township 31 South, Range 41 West, 6th P.M.

Jackson County, Colorado:

1. Section 27, Township 10 North, Range 79 West, 6th P.M.

La Plata County, Colorado:

1. Section 5, Township 33 North, Range 8 West, N.M. P.M.

Logan County, Colorado:

- 1. Section 14, Township 9 North, Range 54 West, 6th P.M.
- 2. Section 16, Township 6 North, Range 52 West, 6th P.M.
- 3. Section 23, Township 11 North, Range 55 West, 6th P.M.
- 4. Section 31, Township 10 North, Range 53 West, 6th P.M.



Mesa County, Colorado:

1. Section 8, Township 10 South, Range 97 West, 6th P.M.

Moffat County, Colorado:

- 1. Section 17, Township 12 North, Range 98 West, 6th P.M.
- 2. Section 27, Township 9 North, Range 96 West, 6th P.M.

Montezuma County, Colorado:

1. Section 4, Township 38 North, Range 19 West, N.M. P.M.

Morgan County, Colorado:

- 1. Section 6, Township 1 North, Range 58 West, 6th P.M.
- 2. Section 11, Township 1 North, Range 59 West, 6th P.M.
- 3. Section 25, Township 2 North, Range 59 West, 6th P.M.
- 4. Section 21, Township 3 North, Range 58 West, 6th P.M.

Routt County, Colorado:

1. Sections 15 and 21, Township 4 North, Range 86 West, 6th P.M.

Washington County, Colorado:

1. Section 30, Township 2 South, Range 49 West, 6th P.M.

Weld County, Colorado:

- 1. Section 2, Township 1 North, Range 63 West, 6th P.M.
- 2. Section 19, Township 2 North, Range 62 West, 6th P.M.
- 3. Sections 16 and 35, Township 2 North, Range 63 West, 6th P.M.
- 4. Section 18, Township 9 North, Range 56 West, 6th P.M.

Additional information regarding these properties can be found here:

http://cogcc.state.co.us/reg.html#/
enforcement/orphans

ANY PARTY WHO CLAIMS AN INTEREST IN THIS EQUIPMENT, SALEABLE PRODUCTS,

APPURTENANCES, OR IN THE PLUGGING OF THESE WELLS MUST CONTACT THE COMMISSION'S ENFORCEMENT SUPERVISOR IMMEDIATELY, by: phone - (303) 894-2100; email - dnr_cogccenforcement@state.co.us; or mail - Colorado Oil and Gas Conservation Commission, Attn: Enforcement Supervisor, 1120 Lincoln Street, Suite 801, Denver, Colorado 80203.

Premier Oil & Gas Inc.

BY ORDER OF THE COLORADO OIL AND GAS CONSERVATION COMMISSION

ORDER NO. 1V-592

TO ALL INTERESTED PARTIES AND TO WHOM IT MAY CONCERN:

Pursuant to Section 34-60-124 of the Colorado Revised Statutes and Order No. 1V-592 of the Colorado Oil and Gas Conservation Commission ("Commission"):

The Commission has claimed all equipment, saleable product, and appurtenances related to the oil and gas operations of Premier Oil & Gas Inc. (Operator No. 10236) ("Premier"). The Commission has revoked Premier's right to conduct oil and gas operations in Colorado, including transporting oil and gas to market.

The Commission has commenced activities to investigate, prevent, monitor, or mitigate conditions that threaten to cause, or that actually cause, significant adverse environmental impacts at oil and gas locations formerly operated by Premier. These activities may include the plugging and abandonment of wells.

The Commission's actions may impact the following properties, located in Jefferson County, Colorado:

1. Section 9, Township 2 South, Range 70 West, 6th P.M.

Additional information regarding these properties can be found here:

http://cogcc.state.co.us/reg.html#/
enforcement/orphans

ANY PARTY WHO CLAIMS AN INTEREST IN THIS EQUIPMENT, SALEABLE PRODUCTS, APPURTENANCES, OR IN THE PLUGGING OF THESE

WELLS MUST CONTACT THE COMMISSION'S ENFORCEMENT SUPERVISOR IMMEDIATELY, by: phone - (303) 894-2100; email - dnr_cogccenforcement@state.co.us; or mail - Colorado Oil and Gas Conservation Commission, Attn: Enforcement Supervisor, 1120 Lincoln Street, Suite 801, Denver, Colorado 80203.

Ranchers Exploration Partners LLC

BY ORDER OF THE COLORADO OIL AND GAS CONSERVATION COMMISSION

ORDER NO. 1V-526

TO ALL INTERESTED PARTIES AND TO WHOM IT MAY CONCERN:

Pursuant to Section 34-60-124 of the Colorado Revised Statutes and Order No. 1V-526 of the Colorado Oil and Gas Conservation Commission ("Commission"):

The Commission has claimed all equipment, saleable product, and appurtenances related to the oil and gas operations of Ranchers Exploration Partners LLC ("Ranchers") (Operator No. 10350). The Commission has revoked Ranchers' right to conduct oil and gas operations in Colorado, including transporting oil and gas to market.

The Commission has commenced activities to investigate, prevent, monitor, or mitigate conditions that threaten to cause, or that actually cause, significant adverse environmental impacts at oil and gas locations formerly operated by Ranchers. These activities may include the plugging and abandonment of wells.

The Commission's actions may impact the following properties, located in Weld County, Colorado:

- 1. Section 30, Township 3 North, Range 66 West, 6th P.M.
- 2. Section 24, Township 6 North, Range 68 West, 6th P.M.

Additional information regarding these properties can be found here:

http://cogcc.state.co.us/reg.html#/enforcement/orphans

ANY PARTY WHO CLAIMS AN INTEREST IN THIS EQUIPMENT, SALEABLE PRODUCTS, APPURTENANCES, OR IN THE PLUGGING OF THESE WELLS MUST CONTACT THE COMMISSION'S ENFORCEMENT SUPERVISOR IMMEDIATELY, by: phone - (303) 894-2100; email - dnr_cogccenforcement@state.co.us; or mail - Colorado Oil and Gas Conservation Commission, Attn: Enforcement Supervisor, 1120 Lincoln Street, Suite 801, Denver, Colorado 80203.

Red Mesa Holdings/O&G LLC

BY ORDER OF THE COLORADO OIL AND GAS CONSERVATION COMMISSION

ORDER NO. 1V-508

TO ALL INTERESTED PARTIES AND TO WHOM IT MAY CONCERN:

Pursuant to Section 34-60-124 of the Colorado Revised Statutes and Order No. 1V-508 of the Colorado Oil and Gas Conservation Commission ("Commission"):

The Commission has commenced activities to investigate, prevent, monitor, or mitigate conditions that threaten to cause, or that actually cause, significant adverse environmental impacts at oil and gas locations formerly operated by Red Mesa Holdings/O&G LLC ("Red Mesa") (Operator No. 10254). These activities may include the plugging and abandonment of wells and/or the reclamation of Red Mesa's well sites and associated facilities.

The Commission's actions may impact the following properties, located in La Plata County, Colorado:

- 1. Sections 1 and 2, Township 32 North, Range 13 West, N.M. P.M.
- 2. Sections 11, 13, 14, 21, 22, 26, 27, 28, 32, 33, 34 and 35, Township 33 North, Range 12 West, N.M. P.M.

Additional information regarding these properties can be found here:

http://cogcc.state.co.us/reg.html#/
enforcement/orphans

ANY PARTY WHO CLAIMS AN INTEREST IN THE PLUGGING AND ABANDONMENT OF THESE WELLS



AND/OR THE RECLAMATION OF THESE WELL SITES AND ASSOCIATED FACILITIES, MUST CONTACT THE COMMISSION'S ENFORCEMENT SUPERVISOR IMMEDIATELY, by: phone - (303) 894-2100; email - dnr_cogccenforcement@state.co.us; or mail - Colorado Oil and Gas Conservation Commission, Attn: Enforcement Supervisor, 1120 Lincoln Street, Suite 801, Denver, Colorado 80203.

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

Electronic Form (eForm) Submissions

The COGCC uses 41 types of forms to authorize oil and gas operations, inspect and monitor ongoing operations, and receive reports of operations. Of those 41 forms, 21 are currently available for electronic submittal through the eForms system.

The development team continues to work on the eForm conversion of existing forms. Currently, four forms are in various stages of development: Forms 11, 12, 14, 14A, and 43. In addition, the development team updates eForms with improvements requested by Staff and as required by rule revisions. In 2017, 97 percent of the forms available in eForms were submitted electronically by industry.

There are 796 operator users of eForms and 3,193 individual users. For any operator not currently enrolled in eForms, instructions for starting the process can be found on the COGCC website at:

http://cogcc.state.co.us/Announcements/ COUAInformation.pdf

Form 27 eForm Release

The COGCC's Site Investigation and Remediation Workplan (Form 27) has been upgraded. The Governor's Office of Information Technology (OIT) has completed development of the eForm 27, and COGCC Staff rolled it out to industry January 2. In the first two months of use, the COGCC has made some initial refinement and will evaluate the Form's performance during the second quarter of 2017.

Applications and Location Assessments

The public can make comments on all submitted Drilling Permit Applications (Form 2s) and Location Assessments (Form 2As) through the eForm system. Simply go to the COGCC website and click on the menu option "Permits" or

http://cogcc.state.co.us/permits.html#/permits

On the "Permits Search" page, three search options are available. The first option, "All Pending Permit Applications," is used for public comments.

When the results are displayed for "Pending Applications," a user can click on the document number hyperlink in the "Status" column, which logs him or her to the eForms 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.

Data Access

The COGCC's database is a comprehensive repository of Colorado's oil and gas data. The information in the database is available to the public through interactive search tools and a variety of file downloads on the website. Users of bulk data come from many different sectors of the community, including academia, oil and gas operators, environmental groups, government agencies, and the media.

The number of these users and the variety of data requested are steadily increasing. Staff continues to publish additional data file downloads at:

http://cogcc.state.co.us/data2.html#/downloads

Current Data File Downloads

Complaints
Field Operations
GIS Shapefiles (12 files)
Mechanical Integrity Tests
Notices of Alleged Violation
Production Data (1999 - present)
Spacing Orders
Spills and Releases
Water Well Data



Future Data File Downloads

Enforcement Orders (OFVs and AOCs) Underground Injection Control (UIC) Data

♦ June 2017 Hearing Docket

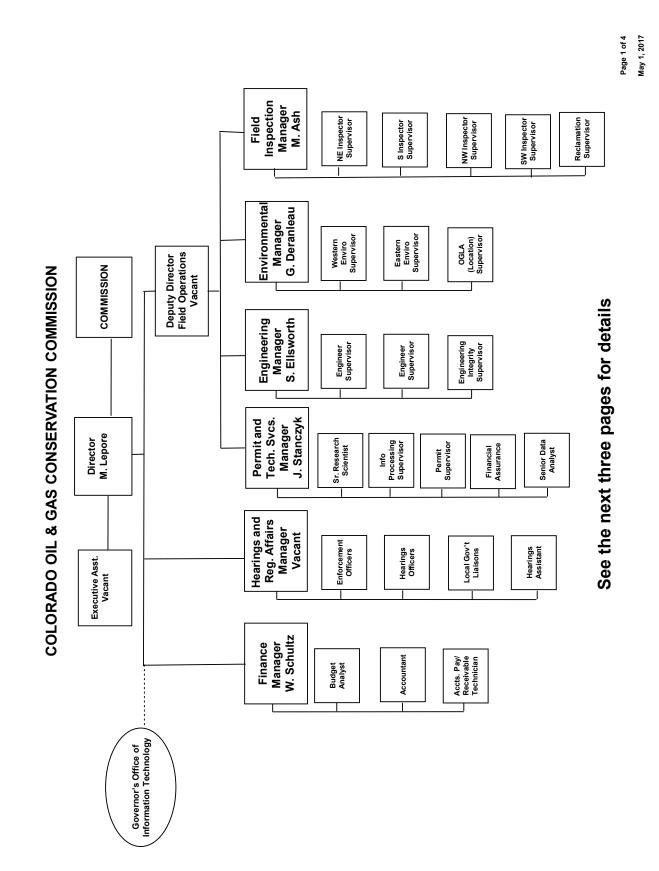
The docket for the June 2017 hearing will be available shortly after the May hearing. Hearing dockets are available on our website by clicking on "Regulation" in the menu and then "Hearings":

http://cogcc.state.co.us/reg.html#/hearings

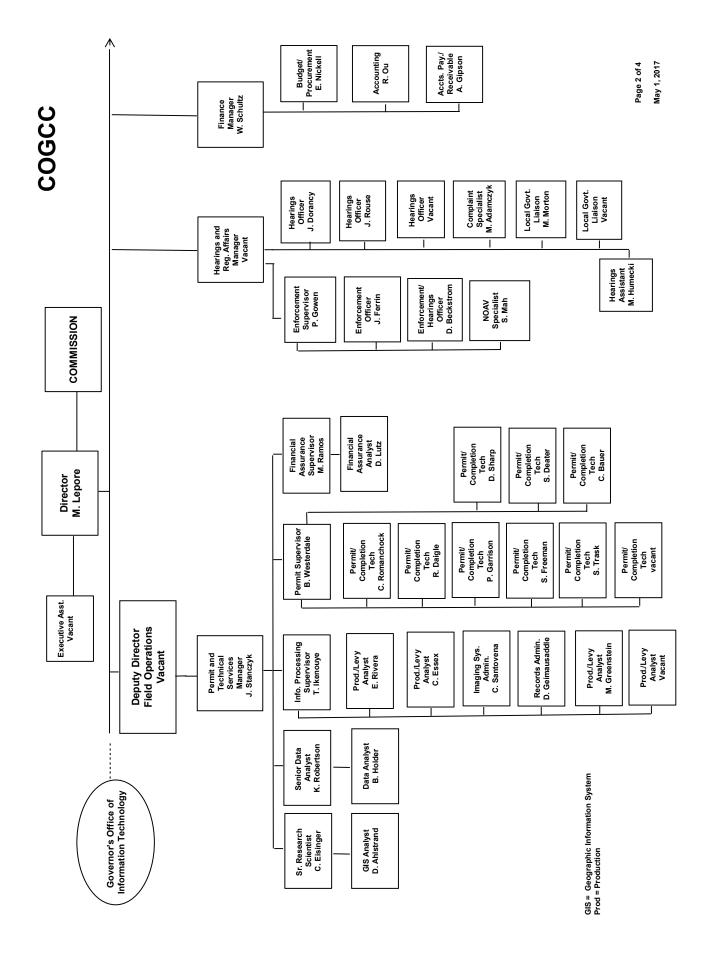
Links to the notices and hearing applications are available from the Docket Number and Applicant, respectively, by clicking the June Gen_Docket link. To sign up for email notification of hearing notices and applications, please see the announcement and instructions on the homepage of the COGCC website.



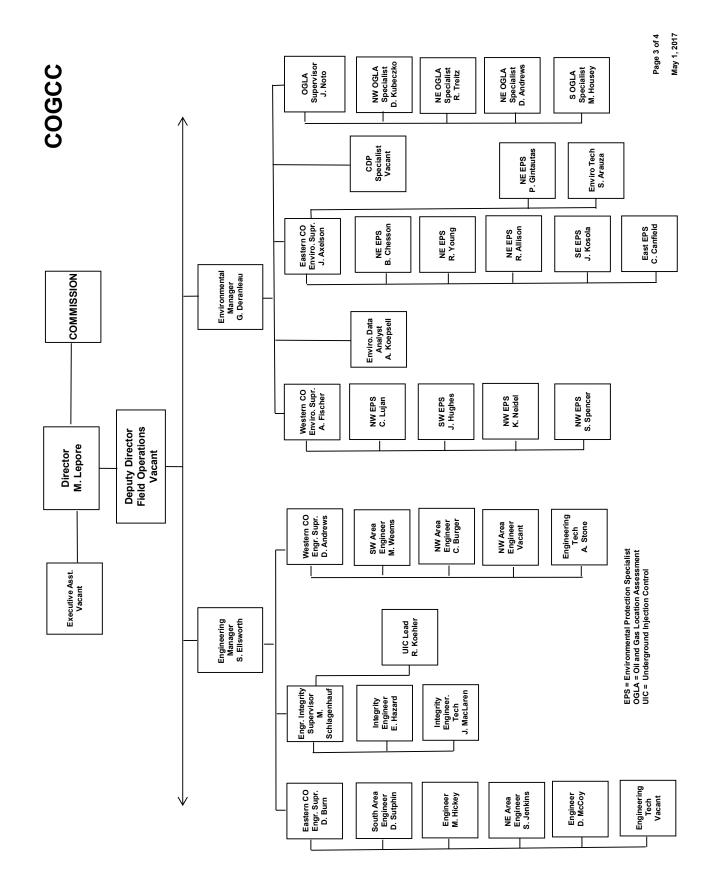
Organizational Charts and Statistics





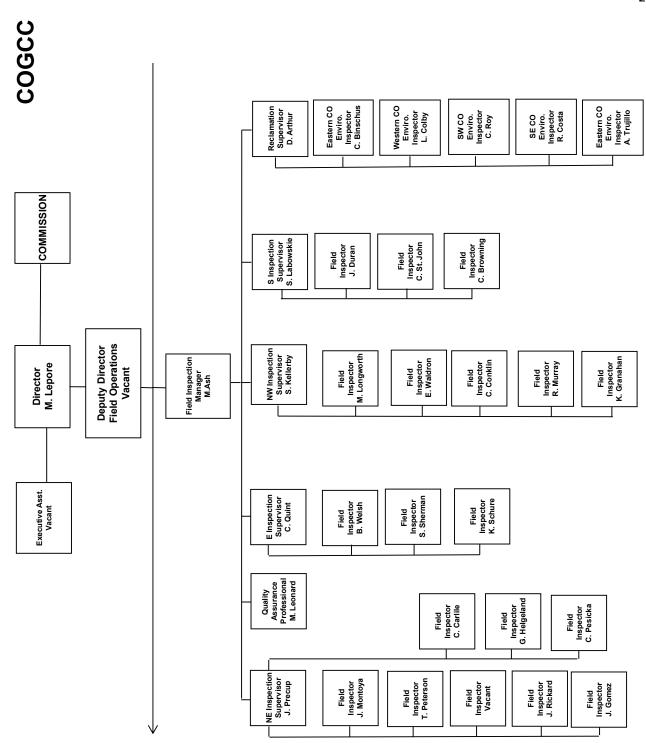








Page 4 of 4 May 1, 2017



PLUGGING AND RECLAIMING ORPHANED WELLS (PROW) PROGRAM

FISCAL YEAR 2016-17

Oil and Gas Staff Report



92,015 68,539 Page 1 of 4 33,241 Remaining Balance 173,226 \$ 2,000 30,000 5,000 30,183 4,293 30,000 Amount Spent in Prior Fiscal 92,015 \$ 16,778 5,000 63,424 72,831 30,000 1,277,548 **Total Bond** Order Number(s) 1V-470, 1V-494 1V-577, 1V-600 1V-362, 1V-592 BONDS AND OTHER SURETY CLAIM STATUS FOR "BOND CLAIM" PROJECTS 1V-549 * 1V-382 1V-364 1V-526 1V-564 1V-508 1V-383 1V-573 1V-581 Red Mesa Holdings Bond Claim Benchmark Energy Bond Claim Monument Global Bond Claim Atom Petroleum Bond Claim CM Production Bond Claim Red Mountain Bond Claim **Texas Tea Bond Claim** Ranchers Bond Claim Think Oil Bond Claim Project Redwine Bond Claim Premier Bond Claim **Tatonka Bond Claim** Dolphin Bond Claim Provide Bond Claim TOTALS ->

Note: * Red Mountain Bond Total Claim Amount includes \$24,169 bankruptcy deposit and \$5,000 State Land Board deposit (bond transfer)

Work Unit County Project and Task BOND RECL Adams Texas Tea Bond Claim: Task 2.2 - Weed Control (maintenance) - Spindle and Sun Fields Findle and Sun Fields RECL Logan Simms #1: Task 1 - Reclamation (initial work) - 389425 FOPS FOPS Moffat Saunders et al #1: Task 1 - MIT or Other Well Work, Remove cables and junk - 391470, 081-05241 Pagoda #1-31: Task 1 - MIT or Other Well Work, Cut off PA marker - 399362, 107-06115 RECL Weld Vaughey & Vaughey - Buckingham Field: Task 1 - Reclamation (initial work) - 405136 Planned (initial work) - 405138 RECL Various Weed Control and Stormwater BMP (maintenance) Planned (initial work) - 405138	PLANNED WORK	ORK				
Adams Texas Tea Bond Claim: Task 2.2 - Weed Control (maintenance) - Spindle and Sun Fields Logan Simms #1: Task 1 - Reclamation (initial work) - 389425 Moffat Saunders et al #1: Task 1 - MIT or Other Well Work, Remove cables and junk - 391470, 081-05241 Routt Pagoda #1-31: Task 1 - MIT or Other Well Work, Cut off PA marker - 399362, 107-06115 Weld Vaughey & Vaughey - Buckingham Field: Task 1 - Reclamation (initial work) - 405136 Various Weed Control and Stormwater BMP (maintenance)	Work Unit	County	Project and Task	BOND	PROW	EMGY Orders
Logan Simms #1: Task 1 - Reclamation (initial work) - 389425 Moffat Saunders et al #1: Task 1 - MIT or Other Well Work, Remove cables and junk - 391470, 081-05241 Routt Pagoda #1-31: Task 1 - MIT or Other Well Work, Cut off PA marker - 399362, 107-06115 Weld Vaughey & Vaughey - Buckingham Field: Task 1 - Reclamation (initial work) - 405136 Weld Vaughey & Vaughey - Buckingham Field: Task 1 - Reclamation (initial work) - 405138 Various Weed Control and Stormwater BMP (maintenance)	RECL	Adams	Texas Tea Bond Claim: Task 2.2 - Weed Control (maintenance) - Spindle and Sun Fields		Planned	
Moffat Saunders et al #1: Task 1 - MIT or Other Well Work, Remove cables and junk - 391470, 081-05241 Routt Pagoda #1-31: Task 1 - MIT or Other Well Work, Cut off PA marker - 399362, 107-06115 Weld Vaughey & Vaughey - Buckingham Field: Task 1 - Reclamation (initial work) - 405136 Various Weed Control and Stormwater BMP (maintenance)	RECL	Logan	Simms #1: Task 1 - Reclamation (initial work) - 389425		Planned	
Routt Pagoda #1-31: Task 1 - MIT or Other Well Work, Cut off PA marker - 399362, 107-06115 Weld Vaughey & Vaughey - Buckingham Field: Task 1 - Reclamation (initial work) - 405136 Weld Vaughey & Vaughey - Buckingham Field: Task 1 - Reclamation (initial work) - 405138 Various Weed Control and Stormwater BMP (maintenance)	FOPS	Moffat	Saunders et al #1: Task 1 - MIT or Other Well Work, Remove cables and junk - 391470, 081-05241		Planned	
Weld Vaughey & Vaughey - Buckingham Field: Task 1 - Reclamation (initial work) - 405136 Weld Vaughey & Vaughey - Buckingham Field: Task 1 - Reclamation (initial work) - 405138 Various Weed Control and Stormwater BMP (maintenance)	FOPS	Routt	Pagoda #1-31: Task 1 - MIT or Other Well Work, Cut off PA marker - 399362, 107-06115		Planned	
Weld Vaughey & Vaughey - Buckingham Field: Task 1 - Reclamation (initial work) - 405138 Various Weed Control and Stormwater BMP (maintenance)	RECL	Weld	Vaughey & Vaughey - Buckingham Field: Task 1 - Reclamation (initial work) - 405136	Planned		4
Various	RECL	Weld	Vaughey & Vaughey - Buckingham Field: Task 1 - Reclamation (initial work) - 405138	Planned		
	RECL	Various	Weed Control and Stormwater BMP (maintenance)		Planned	



Oil and Gas Staff Report May 1, 2017

WORK IN PROGRESS	ROGRESS					Page 2 of 4
Work Unit County	County	Project and Task	BOND Actual	PROW Actual	EMGY Actual	Subtotals Actual
FOPS	Jackson	CM Production Bond Claim: Site Security and Equipment Intervention Tasks, Lone Pine Field (Various Locations)	\$ 1,386	\$	\$ - \$	1,386
RECL	Larimer	Ranchers Bond Claim: Task 2 - Engineering Design - 419639	Design Contractor selected and contract negotiation in process	· •	\$	•
ENGR	Montezuma	State #1-36: Task 1 - Plug and Abandon - 313502, 083-06354		Bids received and award pending	\$.	•
ENGR	Montezuma	Wolcott #1: Task 1 - Plug and Abandon - 313501, 083-06341	•	Bids received and award pending	\$	•
RECL	Montezuma	Monument Global Bond Claim: Task 3 - Reclamation (initial work) Purchase Order issued - 313425 April 2017	Purchase Order issued and work scheduled for April 2017	· \$	\$ -	•
RECL	Logan	J£L Oil Corp - North Shore Field: Task 2 - Reclamation (initial work) - 389243	· •	\$ 231	\$.	231
RECL	Logan	J&L Oil Corp - North Shore Field: Task 2 - Reclamation (initial work) - 389245	\$	\$ 231	\$ -	231
WORK IN PE	WORK IN PROGRESS SUBTOTALS ->	•	\$ 1,386 \$	\$ 462	\$ - \$	1,848

COMPLETED WORK) WORK					
Work Unit County	County	Project and Task	BOND Actual	PROW Actual	EMGY Actual	Subtotals Actual
ENVR	Adams	Texas Tea Bond Claim: Task 1.2 - Sampling and Analysis, Spill or Remediation - 320257,	\$ 29,204	· •	\$.	29,204
ENVR	Adams	Texas Tea Bond Claim: Task 1.3 - Sampling and Analysis, Groundwater Monitoring Wells - 318231,			\$	•
RECL	Garfield	Dolphin Bond Claim: Task 15 - Mowing - 335477,	· •	\$ 787	\$.	787
ENVR	Jackson	CM Production Bond Claim: Field inspections, equipment and location labels, and verify electrical disconnect for Lone Pine Field	, \$, \$	\$.	•
ENVR	Jackson	CM Production Bond Claim: Task 1.11 - Sampling and Analysis - Lone Pine Field,	\$ 2,240	· •	s	2,240
ENGR	Jefferson	Premier Bond Claim: Task 1 - Plug and Abandon - 324776, 059-06026	, \$	\$ 25,661	\$.	25,661
ENVR	Jefferson	Premier Bond Claim: Task 2 - Sampling and Analysis, Spill or Remediation, Off-Site Disposal - 324776,	\$ \$	\$ 1,000	\$.	1,678
FOPS	Jefferson	Provide - Red Mountain Bond Claim: Task 3 - Equipment Intervention, Equipment Salvage - 324775,	, \$	\$ 1,000	\$.	1,000
RECL	Jefferson	Provide - Red Mountain Bond Claim: Task 4 - Reclamation (initial work) - 324775,	\$ 19,215	· •	s	19,215
RECL	Jefferson	Provide - Red Mountain Bond Claim: Task 5 - Site Security - 324775,	\$ 4,680 \$	- \$	\$ - \$	4,680

2	
	# 1

May 1, 2017 Oil and Gas Staff Report



COMPLETE	COMPLETED WORK, cont.					Page 3 of	ی
Work Unit	County	Project and Task	BOND Actual	PROW Actual	EMGY Actual	Subtotals Actual	
FOPS	La Plata	Atom Petroleum Bond Claim: Task 1.2 - Equipment Intervention - 325653,	\$ 797	\$	\$.	797	5
FOPS	La Plata	Red Mesa Holdings Bond Claim: Task 1 - Sampling and Analysis, Gauge tanks (Various Locations)	\$ 346	∽	\$.	346	9
ENGR	La Plata	Red Mesa Holdings Bond Claim: Task 2 - MIT or Other Well Work, Complaint response, Bradenhead test - 325858, 067-07085	\$ 2,665	∽	\$ ·	2,665	ις
RECL	Larimer	Ranchers Bond Claim: Task 1 - Reclamation (initial work), Re-Seeding (maintenance), Weed Control (maintenance) - 435790,	\$ 33,215	∽	\$	33,215	ī.
FOPS	Logan	Benchmark Energy Bond Claim: Task 1.1 - Site Security - Graylin NW and Mount Hope Fields,	\$ 496	· \$	\$.	496	9
FOPS	Logan	Benchmark Energy Bond Claim: Task 1.2 - Equipment Intervention, Gauge Tanks - Graylin NW and Mount Hope Fields,	, \$	∽	\$		
RECL	Logan	Benchmark Energy Bond Claim: Task 1.3 - Weed Control (maintenance), Mowing - Graylin NW and Mount Hope Fields,	\$ 14,900	∽	\$	14,900	0
HEAR	Logan	Benchmark Energy Bond Claim: Task 1.4 - Title Work (legal) - Graylin NW and Mount Hope Fields,	\$ 8,000	∽	\$	8,000	0
FOPS	Logan	Benchmark Energy Bond Claim: Task 1.5 - Repair Power Lines - Graylin NW and Mount Hope Fields,	\$ 750	∽	\$	750	0
FOPS	Logan	Benchmark Energy Bond Claim: Task 1.6, 1.6B, 1.7, 1.8, 1.9 - Equipment Intervention, Fix Leaks, Fluid Handling, Berm	\$ 17,683	∽	\$.	17,683	£
FOPS	Logan	Benchmark Energy Bond Claim: Task 1.10 - Reclaim Oil - Graylin NW and Mount Hope Fields,	· •	∽	\$.		
ENVR	Logan	Benchmark Energy Bond Claim: Task 1.13, 2.1 - Spill or Remediation - 312152,	\$ 9,195	∽	\$	9,195	22
ENVR	Logan	Benchmark Energy Bond Claim: Task 1.14 - Spill or Remediation, Off-Site Disposal - Graylin NW and Mount Hope Fields,	\$ 2,929	\$	\$	2,929	6
FOPS	Logan	Benchmark Energy Bond Claim: Task 1.15, 1.16 - MIT or Other Well Work, Wireline Tags - Graylin NW and Mount Hope Fields,	\$ 11,784	∽	\$.	11,784	2
ENGR	Logan	Benchmark Energy Bond Claim: Task 2.2 - Plug and Abandon - 312158, 075-05972	\$ 31,155	∽	\$.	31,155	55
ENGR	Mesa	DB Orphan Blair #1: Task 4 - Plug and Abandon - 434038, 077-	· •	\$ 24,467	\$.	24,467	7.
RECL	Mesa	DB Orphan Blair #1: Task 5 - Reclamation (initial work) - 434038,	•		\$ - \$	4,360	0
ENGR	Mesa	Lloyd and Lowell #1: Task 1 - Site Security, MIT or Other Well Work, Downhole Camera - 428669, 077-40017	∽	\$ 7,506	S	7,506	9
RECL	Moffat	Tatonka Bond Claim: Task 9 - Reclamation (initial work), Seeding - 313340,	· \$	\$ 3,462	\$.	3,462	25
RECL	Moffat	Think Oil Bond Claim: Task 2 - Reclamation (initial work) -	•	\$ 18,600	\$.	18,600	8
ENGR	Montezuma	Monument Global Bond Claim: Task 1 - Plug and Abandon - 313425, 083-05147	\$ 49,605	· \$	\$ - \$	49,605	22
EN	Montezuma	Monument Global Bond Claim: Task 2 - Sampling and Analysis, Spill or Remediation - 313425, 083-05147	\$ 4,502	\$.	4,502	72





COMPLETED	COMPLETED WORK, cont.						Page 4 of 4
Work Unit County	County	Project and Task	BOND	BOND Actual	PROW Actual EMGY Actual	EMGY Actual	Subtotals Actual
RECL	Montrose	Redwine Bond Claim: Task 4 - Weed Control (maintenance), Stormwater BMP maintenance - 313641,	s	,	4,930	\$.	4,930
ENGR	Ouray	Swanson-Peterson #1: Task 3 - Visual mitigation - 311784,	φ.	5	1,130	\$.	1,130
COMPLETED	COMPLETED WORK SUBTOTALS ->	^	~	244,038 \$	\$ 92,903 \$	\$ -	336,941

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if well work included with task)]

Project and Task Format: [Location or Well Name and Number (if orphan) or Operator Name + "Bond Claim"]: "Task" [Task No(s)] - [Task Type(s)] - [Facility ID Number], [Well API Number (county and sequence code,

ENGR = Engineering, RECL = Reclamation,

ENVR = Environmental, FOPS = Field Operations

HEAR = Hearings

EMGY = Emergency Response Appropriation

PROW = Plugging and Reclaiming Orphaned Wells Appropriation

(58,072) Planned Work Estimate (462) Work In Progress (92,903) Completed Work

445,000 Annual PROW Appropriation

PROW FUNDS SCOREBOARD

293,563 Projected Fiscal Year End Balance

(excludes work involving Bond Expenditures)

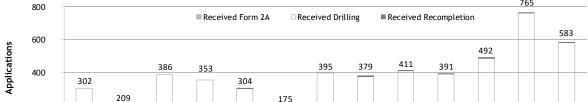


Monthly Permit Activity as of April 1, 2017

Form/Month	Backlog	Received	Approved	Withdrawn	Rejected	Incomplete ¹	In-Process	Remaining ²
Form2A								
Mar-16	111	34	36	3	0	27	79	106
Apr-16	106	24	39	2	0	29	60	89
May-16	89	33	24	0	2	27	69	96
Jun-16	96	38	30	3	0	23	78	101
Jul-16	101	31	30	3	0	25	74	99
Aug-16	99	33	23	2	0	19	88	107
Sep-16	107	29	24	1	0	17	94	111
Oct-16	111	38	29	2	0	25	93	118
Nov-16	118	40	45	0	3	22	88	110
Dec-16	110	48	25	6	0	20	107	127
Jan-17	127	42	25	1	1	18	124	142
Feb-17	142	62	38	2	0	28	136	164
Mar-17	164	71	48	6	3	29	149	178
Drilling								
Mar-16	764	268	268	16	59	220	469	689
Apr-16	689	185	224	13	20	155	462	617
May-16	617	353	217	1	16	138	598	736
Jun-16	736	315	233	6	2	125	685	810
Jul-16	810	268	249	24	0	145	660	805
Aug-16	805	141	150	9	7	126	654	780
Sep-16	780	366	270	0	12	77	787	864
Oct-16	864	334	297	1	0	82	818	900
Nov-16	900	368	304	7	64	138	755	893
Dec-16	893	342	267	15	9	115	829	944
Jan-17	944	442	211	1	13	89	1,072	1,161
Feb-17	1,161	701	263	14	0	86	1,499	1,585
Mar-17	1,585	510	423	14	47	131	1,480	1,611
Recompletion	1,303	310	723	1-7	77	151	1,400	1,011
Mar-16	6	0	0	0	0	2	4	6
Apr-16	6	0	1	0	0	1	4	5
May-16	5	0	2	0	0	2	1	3
Jun-16	3	0	0	0	0	2	1	3
Jul-16 Jul-16	3	5	0	0	0	2	6	8
Aug-16	8	1	3	0	0	2	4	6
	6	0	2	0	0	2	2	4
Sep-16 Oct-16	4	7	1	0	0	2	8	10
Nov-16	10	3	3	0	0	3	o 7	10
	10		4		0		4	
Dec-16		1		1		2		6
Jan-17	6	8	2	0	0	2	10	12
Feb-17	12	2	4	0	0	3	7	10
Mar-17	10	2	2	0	0	2	8	10

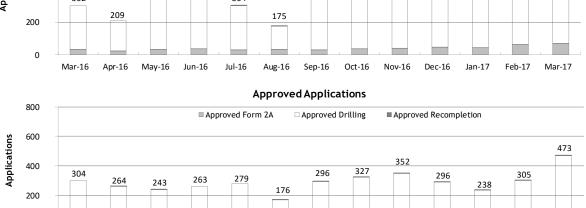
¹ Incomplete are applications that have missing or inaccurate data and cannot be approved.

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Received Applications

765



Aug-16

Sep-16

² Backlog = Incomplete + In-process = Remaining permits from previous month.



Status of Permit Applications Filed By Month as of April 1, 2017

				Form	2A Locati	on Assessme	ent			
					In	Percent In	Average Days to	Less Than	30 to 49	Greater Than
Year	Month	Received	Approved	Withdrawn	Process	Process	Process	30 Days	Days	50 Days
2011	TOTAL	2,391	2,298	93	0	0%		1,416	620	262
2012	TOTAL	1,359	1,291	68	0	0%		706	378	207
2013	TOTAL	1,281	1,202	78	1	0%		369	433	400
2014	TOTAL	1,114	1,067	46	1	0%		279	429	359
2015	TOTAL	592	560	26	6	1%		78	157	325
2016	JAN	34	33	1	0	0%	90	2	4	27
	FEB	31	30	1	0	0%	89	1	3	26
	MAR	34	32	2	0	0%	76	3	8	21
	APR	23	19	2	2	9%	85	1	3	15
	MAY	32	32	0	0	0%	100	1	5	26
	JUN	36	35	0	1	3%	80	3	11	21
	JUL	29	23	4	1	4%	82	7	1	15
	AUG	34	30	3	1	3%	101	1	2	27
	SEP	29	28	0	1	3%	82	5	3	20
	OCT	37	33	3	1	3%	65	3	12	18
	NOV	40	29	3	8	20%	84	1	4	24
	DEC	48	31	1	16	33%	65	4	5	22
2016	TOTAL	407	355	20	31	8%		32	61	262
2017	JAN	42	14	1	27	64%	53	0	5	9
	FEB	59	15	1	43	73%	33	7	6	2
	MAR	71	1	0	70	99%	22	1	0	0
2017	TOTAL	172	30	2	140	81%		8	11	11

			F	orm 2 Applic	ation For	Permit to D	, ,			
							Average			=
V	Manth	Danabaad	A ======d	\\/	In Draces	Percent In	Days to			Greater Than
Year	Month	Keceivea	Approved	Withdrawn	Process	Process	Process	30 Days	Days	50 Days
2011	TOTAL	4,691	4,557	132	0	0%		2,723	1,565	587
2012	TOTAL	3,955	3,816	139	0	0%		1,971	1,393	602
2013	TOTAL	4,548	4,312	235	1	0%		1,046	1,626	1,714
2014	TOTAL	4,208	4,026	155	27	1%		689	1,629	1,744
2015	TOTAL	3,237	3,070	130	37	1%		249	759	2,092
2016	JAN	232	231	1	0	0%	99	23	33	176
	FEB	180	177	3	0	0%	80	5	34	141
	MAR	249	246	3	0	0%	98	16	36	194
	APR	174	167	6	1	1%	68	31	24	112
	MAY	352	351	1	0	0%	94	9	61	281
	JUN	312	285	19	8	3%	89	6	51	228
	JUL	236	187	28	9	4%	87	30	1	161
	AUG	136	131	4	1	1%	95	9	26	98
	SEP	359	349	0	8	2%	75	22	72	256
	OCT	313	295	10	8	3%	80	20	26	254
	NOV	368	297	11	50	14%	75	29	22	249
	DEC	342	192	2	148	43%	66	4	16	172
2016	TOTAL	3,253	2,908	88	233	7%		204	402	2,322
2017	JAN	442	141	3	292	67%	62	5	41	99
2017	FEB	701	114	4	542	82%	40	36	35	44
2017	MAR	510	18	0	492	96%	22	9	9	0
2017	TOTAL	1,653	273	7	1,326	80%	124	50	85	143

24

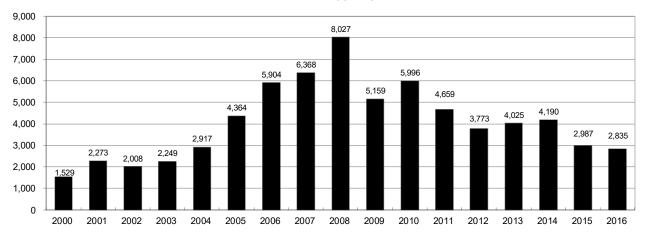
May 1, 2017

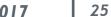
Oil and Gas Staff Report



County	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ADAMS			9					89					40			96		
	38	28		26	39	34	37		51	35	21	8		40	51		74	26
ARAPAHOE	7	2	1	2	5	7	11	10	10	10	8	23	35	23 4	34	19	5	12
ARCHULETA	7	9	6	10	8	13	14	26	47	11	18	12	5		3 1	11	3	4
BACA	22	6	2	3	7	8	2	11	13	3	4	5	3	1	1			
BENT	2	-	,	7	5 17	3	8	1	1	25	5	20	2	1				
BOULDER	1	5	6	7 7	17	13	21	37	32	35	24	30	22		24			
BROOMFIELD CHEYENNE	3	3	2	3	3	1 10	1 21	15	2 33	33 12	28	11	36 31	50	31 26	9		
COSTILLA	3	3	3	3	3	10	21	13	33	12	13	16	31	50	20	9		
CROWLEY															2			3
DELTA			7	4	5	10	9	2			4	3	6	1	2			J
DENVER		3	,	7	,	10	19	25	24		7	,	U	'				
DOLORES		,		1	1	1	6	10	12	21	8	8	13	12	3		3	
EAGLE						•	0	10	14	21	J	3	.5	1	3		,	
ELBERT	2						4			1		1	2	2	4	3	3	1
EL PASO							-1			2	3	3	18	1	2	,	,	'
FREMONT					1	3	2	4	14	13	22	14	11	2	8	2	2	
GARFIELD	213	353	362	567	796	1,509	1,845	2,550	2,888	1,981	2,037	1,323	1,046	870	1,066	532	724	124
GRAND						,	,	,	,	,	,	,	,		,			
GUNNISON			5	10	1	9	19	7	10	12	4	3	11	9	20	28	19	3
HUERFANO	41	27	27		8	2			7		2	1	9	1	13	2		
JACKSON	34	18	21	9	14	6	8	5	27	19	9	18	5	12	17	3	57	13
JEFFERSON	1						1	3	2					1				
KIOWA	11	18	2	4	2	1	11	9	26	7	16	17	17	12	5	3		
KIT CARSON				1	3	5	4	4	13	7	3	2	6	1	2		1	
LA PLATA	127	156	104	162	102	115	235	251	328	298	191	99	71	32	87	106	96	2
LARIMER	2		1			1		5	46	12	41	8	13	2	4	28	4	
LAS ANIMAS	268	400	259	180	332	413	500	362	303	88	92	85	11	2	1			
LINCOLN	2	2	1	6	3	4	1	2	58	44	48	31	36	87	129	24	5	1
LOGAN	4	7	3	3	6	13	17	14	5	9	17	8	27	4	5		1	
MESA	13	27	30	27	54	136	265	293	501	427	306	127	150	105	74	126	7	47
MOFFAT	35	52	62	63	63	60	120	68	57	51	53	93	88	44	54	12	17	1
MONTEZUMA	4	2	5	8	8	11	5	12	22	39	19	27	29	14	25	3	3	1
MONTROSE	1	3	2	4	2	7	1	3	3		1	1	-	47	,	4	20	
MORGAN OTERO	9	9	2	7	9	7	3	6	2	1	6	13	5	16	6	4	28	
										,		1						
PARK PHILLIPS	1	2		7	13	17	12	69	82	3 45	4 64	1 112	56		11	2		
PHILLIPS	I	Z		,	13	17	12	1	02	40	04	112	90		11	1		
PROWERS	2	5	4		7	5	7	5	8	1	3	1			1	'	1	
RIO BLANCO	89	187	105	179	154	161	360	321	477	348	441	109	117	167	121	107	71	29
RIO GRANDE	1	107	103	1/7	1 3-1	101	300	JEI	1	1	-171	10)	2	107	121	107	′ '	27
ROUTT	20	13	1		4	6	9	8	4	2	3	10	4	12	4	9		
SAGUACHE	2	.5	2			Ū	,	2	1	2	3	.0	•			,		
SAN MIGUEL	11	13	27	18	42	45	35	23	20	13	10	2	1		2	3		
SEDGWICK				1	5	2	7	2	1	19	11	12	2		7	1		
WASHINGTON	23	17	27	34	128	50	69	45	11	1	6	12	6	19	12	9	7	
WELD	509	702	760	757	832	901	1,418	1,527	2,340	1,448	2,152	2,262	1,826	2,468	2,303	1,841	1,704	637
YUMA	31	205	160	138	237	782	797	541	545	105	299	148	11	9	53	3		
TOTAL	1,529	2,273	2,008	2,249	2,917	4,364	5,904	6,368	8,027	5,159	5,996	4,659	3,773	4,025	4,190	2,987	2,835	904
	1,527	-, -, -	2,000	-, 7	4,717	7,507	3,704	3,300	3,027	3, 137	3,770	1,000	3,113	1,023	1,170	2,707	2,000	,,,

ALL COUNTIES







May 1, 2017

Form 2A Breakdown By County By Year as of April 1, 2017

Year	County	Form 2As	Completed	In Process	New Location	CDP	SWH	RSO	CDPHE
2009	Total State	818	818	0	408	2	80	5	5
2010	Total State	2,377	2,377	0	1,543	0	317	22	55
2011	Total State	2,297	2,297	0	1,724	1	259	16	5
2012	Total State	1,297	1,297	0	900	0	167	6	1
2013	Total State	1,195	1,194	1	845	0	144	2	4
2014	Total State	1,067	1,065	1	777	3	129	7	3
2015	Total State	574	565	9	399	0	95	2	2
2016	ADAMS	9	8	1	8	0	0	0	0
	ARAPAHOE	10	7	2	6	0	0	0	0
	ARCHULETA	1	1	0	0	0	1	0	0
	DOLORES ELBERT	1	1 3	0 0	1 0	0 0	0 0	0 0	0 0
	FREMONT	3 1	0	1	0	0	1	0	0
	GARFIELD	26	26	1	4	0	13	3	2
	GUNNISON	6	6	0	1	0	2	1	0
	HUERFANO	1	0	1	1	0	1	Ö	0
	JACKSON	10	10	0	5	0	9	0	0
	KIT CARSON	1	1	0	1	0	0	0	0
	LA PLATA	5	1	4	0	0	5	0	1
	LARIMER	2	2	0	2	0	0	0	0
	LINCOLN	5	5	0	4	0	0	0	0
	LOGAN	2	1	1	0	0	0	0	0
	MESA	4	4	0	2	0	3	0	1
	MOFFAT	15	9	5	6	0	15	0	1
	MONTEZUMA MORGAN	1 1	1	0	1	0	0	0	0
	PROWERS	1	1		1			-	0
	ROUTT	•	1	0 0		0 0	0	0 0	0
	WASHINGTON	1		0	0	-	1	0	
	WELD	6 281	6 257	21	6 178	0 0	0 3	0	0 2
2047									
2016	Total State	393	352	37	228	0	54	4	7
2017	ADAMS	14	0	14	13	0	0	0	0
	ARAPAHOE	11	1	10	9	0	0	0	0
	CROWLEY	3	3	0	3	0	0	0	0
	DOLORES	1	0	1	1	0	1	0	0
	ELBERT	1	1	0	1	0	0	0	0
	GARFIELD	8	2	6	2	0	4	1	0
	GUNNISON	1	0	1	0	0	1	0	0
	JACKSON	1	0	1	1	0	1	0	0
	LA PLATA	5	0	5	1	0	4	0	0
	LINCOLN	3	0	3	3	0	0	0	0
								_	
	MESA	4	2	2	2	0	1	0	0
	MONTEZUMA	2	0	2	2	0	0	0	0
	RIO BLANCO	2	1	1	0	0	1	0	0
	WELD	101	14	87	66	0	4	0	0
2017	Total State	157	24	133	104	0	17	1	0

Abbreviations:

CDP = Comprehensive Drilling Plan

SWH = Sensitive Wildlife Habitat consultation

Horizontal Well Activity as of April 1, 2017

Oil and Gas Staff Report



County	2010 Permit Sp	O Spud P	2011 Permit Spud	2012 Permit S	12 Spud	2013 Permit S	pnd	2014 Permit S	pnd	2015 Permit	pnds	2016 Permit	pnds	2017 Permit Spud	Total ud Spud	I I AC	Сотр	Completion PR DA	PA
ADAMS	2	٣	1	17	2	26	2	42	18	92	3	72	2	79	6 3		23		_
ARAPAHOE			10 1	22	4	=	13	22	Ξ	6		2	-	12	32	2 2	29		_
ARCHULETA	15	7	10 8	5	6	2		_		9	3	2	-	3	51	_	51		
BENT					-	-										_	_		
BOULDER			4													0			
CHEYENNE						7	2	_	-	_	_					6	1		2
DELTA		7		9	-	-		2								3	3		
DOLORES	9			6	ĸ	2	4	3	-						-	19	12		2
EL PASO				10												0			-
ELBERT				_												0			
FREMONT	12	2	3 4	4	_	_	-			-					_	18	10	7	_
GARFIELD	16	7	18 6	43	9	18	4	20	11	12	7	4		4	47	7	38		2
GUNNISON	_			3	7	2		6		18	7	10	-	_		9	4		
HUERFANO				4	-			7								_	_		
JACKSON	3	4	9 1	4		∞	5	15	4	3		52	24	12	4	46	21		2
KIOWA				_		4	7	_								2			_
KIT CARSON				-		_	-									2			4
LA PLATA	28	3	18 7	12	_	2	-	43	7	42	3	29	∞	2	9	09	09	-	æ
LARIMER			5 1	2	-		7			22	8	4	3			18	7	7	
LAS ANIMAS	_	_													_	17	16		
LINCOLN	2	_	1			9		4	2							4	1		3
LOGAN				-												2	2		
MESA	22	7	24 13	1		6	7	6	_	9	3				2	29	27	7	4
MOFFAT	4		9 4	4	9	18	13	15	-	2	2	3	-	1	37	7	29		3
MONTEZUMA	11	7	8 2	18	9	3	4	15	7						2	28	31		7
MORGAN				7	-	13	-	9		4	-	28				2	5		
PARK	_	_	_													_			
RIO BLANCO	_	_	11 2	15	7	4	2	m	7	m					_	19	12	n	
ROUTT				_		-				m					-	10	_	9	_
SAN MIGUEL	***************************************															_			-
WASHINGTON																_			_
WELD YUMA	208	84	763 229	964	294	2,114	1,099	2,215 1	1,426	1,789 1	1,063	1,671	722	626 3	345 5,233	e –	3,983	12	09
TOTAL Horizontal	333 1	123	901 280	1,203	641	2,260	1,161	2,428 1	1,487	2,016 1	1,096	1,918	763	687 3	351 5,738	20	4,373	33	106
Percent of Total HZ	2007	·	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2 773		4 02E		7		9 0 0 6		7 825		700		%0	%92	%	7%
HZ Percent of Total	5.6%	•	19.3%	31.9%		4,023 56.1%		57.9%		67.5%		67.7%		%9.9 <i>L</i>					

NOTE: As of March 14, 2017, well status based on Form 7, Monthly Report of Operations.

May 1, 2017



Well to Building Setbacks by Year and by County as of April 1, 2017

Count of well locations, grouped by proximity from well to buildings.

										Percent of
Location Proximity									Number of	Total
to Buildings	2010	2011	2012	2013	2014	2015	2016	2017	Locations	Locations
Less than 150 feet	3	3	2	0	3	2	0	0	15	0%
150 to 350 feet	58	61	39	34	38	12	15	4	298	3%
350 to 500 feet	110	97	61	64	48	33	23	6	492	6%
500 to 1000 feet	385	331	188	188	161	83	76	17	1,546	17%
1000 + feet	1,705	1,470	838	761	724	378	206	70	6,508	73%
TOTAL LOCATIONS	2,261	1,962	1,128	1,047	974	508	320	97	8,859	

		Less than	150 to 350	350 to 500	500 to	1000 +
County	TOTAL	150 feet	feet	feet	1000 feet	feet
ADAMS	88	0	4	9	23	52
ARAPAHOE	104	0	2	4	10	88
ARCHULETA	23	0	0	1	12	11
BACA	15	0	0	0	1	14
BENT	7	0	0	0	0	7
BOULDER	23	0	1	1	17	4
BROOMFIELD	33	0	0	4	13	16
CHEYENNE	140	1	0	0	2	137
CROWLEY	5	0	0	0	0	5
DELTA	7	0	0	2	1	4
DOLORES	20	0	0	0	7	13
EAGLE	1	0	0	0	0	1
EL PASO	14	0	0	0	3	11
ELBERT	15	0	0	0	3	12
FREMONT	40	0	2	7	8	23
GARFIELD	587	0	12	10	80	485
GUNNISON	48	1	0	4	1	42
HUERFANO	16	0	0	0	5	11
JACKSON	59	0	0	5	1	53
KIOWA	66	0	0	0	1	65
KIT CARSON	15	0	0	0	0	15
LA PLATA	136	0	6	14	46	70
LARIMER	41	0	5	5	15	16
LAS ANIMAS	201	1	6	7	37	150
LINCOLN	375	0	1	2	4	368
LOGAN	44	0	1	1	1	41
MESA	103	0	0	3	15	85
MOFFAT	187	0	1	2	16	168
MONTEZUMA	43	0	0	1	4	38
MONTROSE	2	0	0	0	0	2
MORGAN	31	0	0	2	4	25
PARK	4	0	0	0	0	4
PHILLIPS	275	1	4	6	21	243
PITKIN	1	0	0	0	0	1
PROWERS	6	0	0	0	0	6
RIO BLANCO	188	0	0	0	2	186
RIO GRANDE	2	0	0	0	1	1
ROUTT	30	0	0	0	2	28
SAN MIGUEL	14	0	0	0	0	14
SEDGWICK	33	0	0	1	3	29
WASHINGTON	79	0	2	0	3	74
WELD	5,209	11	242	385	1,140	3,431
YUMA	528	0	9	16	44	459



Well to Building Setbacks Less Than Two Hundred Feet as of April 1, 2017

	Location Doc		High	New	Distance	Proximity	
Year	Number	County	Density	Location	(Feet)	(Feet)	Building Description
	Number	County	Defisity	Location	(1 661)	(1 661)	building Description
2015	400768804	WELD	No	Yes	46	less 150	Building to be razed
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
2014	400600705	WELD	No	No	80	less 150	Livestock shed
2012	400240957	GUNNISON	No	Yes	90	less 150	Equipment shed
2015	400742811	WELD	No	Yes	102	less 150	Building to be razed
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
2014	400642113	WELD	No	Yes	142	less 150	Barn
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
2015	400862577	GARFIELD	No	No	155	150 to 350	Gravel pit scale house
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
2014	400559404	WELD	No	Yes	160	150 to 350	Barn
2016	400950178	LA PLATA	No	Yes	162	150 to 350	Residence
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
2014	400562498	WELD	No	Yes	181	150 to 350	Garage / storage shed
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
2010	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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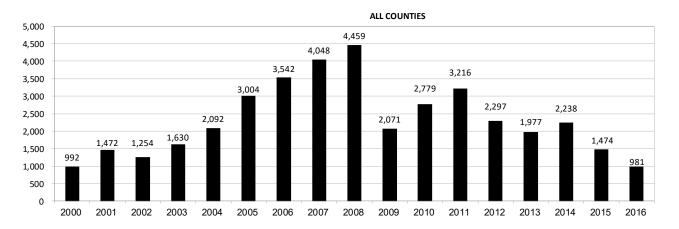


Oil and Gas Staff Report

May 1, 2017

Annual Well Starts by County as of April 1, 2017

County	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ADAMS	18	13	4	19	22	24	13	41	14	14	21	1	15	6	29	3	2	7
ARAPAHOE					6	1	5	2	1	1	3	9	9	25	21		1	1
ARCHULETA	4	4	2	5	4	10	5	7	29	9	12	10	11		1	7	4	
BACA	19	6	2	1	6	6	2	6	12		5	4	2	1		1		
BENT	2				3	2	8	1	1			1	2					
BOULDER				2	5	11	9	14	25	16	13	7	14					
BROOMFIELD			2		1				10		21	11	5					
CHEYENNE	2	1	3	3		9	14	15	14	8	12	11	17	35	19	3		
COSTILLA																		
CROWLEY															2			
DELTA				5	4	6	5	2			9	2	3					
DENVER		2					7	5	4									
DOLORES					2		2	13	6	2		1	5	10	4			
EAGLE														1				
EL PASO											2		5		1			
ELBERT	2						1									3		1
FREMONT					1	3	2	2	5	3	9	16	9	2	4		1	
GARFIELD	190	251	245	417	585	799	1,005	1,304	1,689	765	905	877	495	391	361	176	145	67
GUNNISON			1		1	1	9	5	1	4	5	2	4	1	2	4	1	
HUERFANO	25	14	19	3	6	2			2		2		2	1	4	1		
JACKSON	24	2	4	10	10		3	3	12	1	8	7		7	7		24	
JEFFERSON								2										
KIOWA	8	16	2	4	2	1	7	7	2	5	15	14	10	12	3	2		
KIT CARSON				1	1	6	2	1	14	3	1	1	3	1	2			1
LA PLATA	99	135	118	110	103	104	108	179	199	131	67	54	3	10	40	38	43	
LARIMER	1	1				1		4	8	1	28	2	10	4	1	9	3	
LAS ANIMAS	202	286	205	221	296	384	413	326	222	14	7	78	1		1			
LINCOLN	2	2	1	5	2	2	1	2	18	11	14	21	23	41	41	12	2	
LOGAN	4	6	3	3	2	11	12	12	3	7	3	9	13	4	6			
MESA	2	12	12	13	25	89	156	209	225	14	11	41	4	11	16	77	4	19
MOFFAT	18	23	25	28	19	40	60	42	26	18	15	32	26	27	3	6	3	
MONTEZUMA	2	3	5	5	1	7	2	4	22	10	3	8	18	12	8	1		
MONTROSE	0	3	4	2	1	-	2	1	2	2	1	2	2	4	2	4		
MORGAN	9	8	1	7	5	5	3	1	1	2	3	2	3	1	3	1		
PARK PHILLIPS	4			6	10	11	4	35	18	2	2 42	130	48		9			
PROWERS	1	4	4	О	10 5	11 5	6	35	18 5	2	42	130	48		9	1		
RIO BLANCO	51	82	4 47	83	92	95	107	95	205	118	107	71	54	36	44	1 17		
RIO GRANDE	31	02	4/	03	72	73	107	73	203	110	107	/ 1	54	30 1	44	17		
ROUTT	5	12	1		1	6	3	2		2	1	2	4	2	2			
SAN MIGUEL	6	9	10	19	28	13	20	17	5	1	2	2	4	2	2			
SEDGWICK	3	,	.0	1	2	1	1	5	,		3	8	3			1		
WASHINGTON	15	12	24	29	65	34	23	14	11	2	2	4	1	9	7	2	6	2
WELD	237	403	406	522	632	718	931	1,222	1,312	878	1,209	1,671	1,459	1,313	1,556	1,109	742	348
YUMA	42	162	108	106	144	597	593	445	336	27	213	106	16	1,313	39	.,.07	772	3-10
TOTAL	992	1,472	1,254	1,630	2,092	3,004	3,542	4,048	4,459	2,071	2,779	3,216	2,297	1,977	2.238	1.474	981	446





Active Wells by County and Status as of April 1, 2017

COUNTY	Drilling	Domostic	Injectine	Producing	Shut In	Temp Aband	Waiting on Completion	Active	Total
		Domestic	-						Active Wells
ADAMS	15		7	861	49	11	1	12	956
ARAPAHOE		1	2	135	9	11		44	202
ARCHULETA	1	5	1	110	12	12	6	1	148
BACA			11	105	10	19		56	201
BENT		1		28	6	2			37
BOULDER				302	7	2			311
BROOMFIELD				95	1				96
CHEYENNE			43	320	11	43	1		418
CROWLEY									0
DELTA				3	13		1		17
DENVER			1	45	2	1	3		52
DOLORES			2	25	12	1			40
EL PASO	_	1				1			2
ELBERT	2			65	4	3	_	1	75
FREMONT	2	3		62	5	7	2		81
GARFIELD	182	3	50	10,687	154	88	66	1	11,231
GUNNISON	3		2	31	9		3		48
HUERFANO			1	38	4	5			48
JACKSON	12		31	123	32		1		199
JEFFERSON				1	1	_	1	3	6
KIOWA	1		11	102	11	2	2		129
KIT CARSON	1	1	2	11		2			17
LA PLATA	2	7	34	3,126	102	20	3	30	3,324
LARIMER	4	2	20	182	30	21	1		260
LAS ANIMAS	1	4	17	2,770	6	106	12	21	2,937
LINCOLN	4	1	9	95	12	5		2.4	126
LOGAN	2		23	106	23	29	2	34	217
MESA	25	1	9	935	80	22	3	11	1,086
MOFFAT	1	2	9	478	45	36	6		575
MONTEZUMA		2	7	119	25	16			169
MONTROSE			24	00	70	25		1	1
MORGAN		_	21	89	79	35		81	305
OURAY		1				1			2
PARK			2	27.5	2	2			0
PHILLIPS			3	265	2	2		40	272
PITKIN				22	2	_		10	10
PROWERS	27	2	204	23	2	3	0	2	28
RIO BLANCO	27	3	291	2,306	139	107	8	2	2,883
ROUTT	4	2		31	6	5			44
SAN MIGUEL	1	4	4	110	10	8	2		129
SEDGWICK	2	1	1	13	3	0	3		23
WASHINGTON	4 027	4	23	406	16 1 F10	9	3	-	461
WELD	1,027	1	57	20,210	1,519	418	42	5	23,279
YUMA	2	8	23	3,798	25	9	11	1	3,877
Totals	1,321	48	711	48,211	2,476	1,062	179	314	54,322



May 1, 2017

Monthly Statistics as of April 3, 2017

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	Baker -					Permi	ts					Well	Active				
YEAR and	Hughes	<u>Dril</u>	ling	Recomp	letion	Inject	tion_	<u>P</u>	<u>its</u>	Loca	tions	Spud	Drilling	Active		Public '	Visits
MONTH	Rig Count	Rcvd	Apvd	Rcvd	Apvd	Rcvd /	Apvd	Rcvd	Apvd	Rcvd	Authz	Notices	Permits	Wells	Data	Office	Internet
2011 TOTAL		4,709	4,659	325	320	44	32	190	192	2,382	2,267	3,216			187	1,294	1,337,865
2012 TOTAL		3,982	3,773	154	168	63	44	114	84	1,373	1,293	2,297			159	1,305	1,324,443
2013 JAN	53	538	331	6	0	3	5	6	8	176	124	141	5,060	50,265	9	108	47,406
FEB	56	260	455	10	5	2	3	4	11	91	141	139	5,250	50,372	7	102	40,649
MAR	57	344	241	5	9	3	8	15	6	129	84	172	5,093	50,540	9	133	43,019
APR	61	331	333	6	5	5	5	6	8	146	117	162	4,925	50,687	3	132	46,459
MAY	61	350	342	8	6	6	6	10	7	106	142	162	5,110	50,810	3	123	45,215
JUN	62	349	273	2	8	8	8	5	3	114	85	145	5,273	50,909	8	122	41,015
JUL	68	864	304	11	4	9	2	9	5	218	91	160	5,070	51,091	7	154	45,558
AUG	69	232	291	6	4	3	2	4	1	35	76	206	5,200	51,255	20	130	44,722
SEP	69 73	212	362	9	5	10	9 5	3	19	56	109	164	5,185	51,407	5	105	41,256
OCT	72 60	319 346	376 353	5 4	9 13	7 7	5 4	1 2	8 27	67 67	88	238	4,967		5 12	135	45,151
NOV DEC	69 64	336	367	2	4	4	6	2	3	63	85 71	163 125	5,141 5,129	51,711	4	119 93	38,903
2013 TOTAL	04	4,481	4,028	74	72	67	63	67	106	1,268	1,213	1,977	3,129	51,737	92	1,456	32,381 511,73 4
2014 1411	42	270	222	2	2	2	4	1.1	0	. 00	. 42	170	4.026	E4 040	1	. 00	46 450
2014 JAN FEB	62 61	278 284	232 297	3 6	2 4	3 1	4 1	14 3	8 1	90 91	43 94	170 149	4,926 5,051	51,840 51,847	1 12	90 113	46,150 43,408
MAR	62	367	329	4	6	7	1	6	6	110	88	184	4,997		16	140	46,620
APR	63	276	317	2	3	2	5	8	3	89	99	171	4,897	52,060	11	188	45,558
MAY	65	458	383	2	2	3	1	6	7	83	94	180	4,923		18	131	42,365
JUN	67	429	377	3	0	6	7	5	2	134	92	222	4,924		10	156	42,518
JUL	69	272	446	2	5	3	11	8	5	97	126	181	4,955	52,431	7	166	45,481
AUG	73	376	259	4	3	4	4	3	4	111	87	218	5,060	52,582	8	145	42,431
SEP	76	412	304	2	3	3	1	20	1	116	81	214	5,006	52,694	14	175	43,577
OCT	76	459	371	3	2	9	2	4	6	93	109	192	4,827		19	138	46,030
NOV	73	326	479	5	2	5	4	4	0	54	103	170	5,171	52,947	8	96	39,583
DEC	69	286	397	1	2	2	7	1	2	45	99	187		53,054	6	144	37,964
2014 TOTAL		4,223	4,191	37	34	48	48	82	45	1,113	1,115	2,238	,	ŕ	130	1,682	521,685
2015 JAN	64	349	316	3	1	2	9	3	1	60	43	192	5,060	53,195	17	114	41,502
FEB	49	324	161	3	2	5	6	9	0	73	28	114	4,750	53,309	4	117	38,245
MAR	38	246	294	1	6	1	5	7	5	44	70	166	4,983	53,414	6	146	42,513
APR	37	194	165	3	1	2	5	1	2	46	37	92	4,854	53,456	1	125	39,559
MAY	39	324	190	1	4	2	6	8	0	41	44	109	4,632	53,535	5	113	unavailable
JUN	38	327	281	4	1	0	5	2	1	52	49	143	4,726	53,608	5	138	unavailable
JUL	38	373	250	4	2	2	1	0	0	57	48	121	4,663	53,706	7	145	26,975
AUG	37	289	300	2	6	3	0	5	5	32	46	121	4,847	53,766	2	109	30,674
SEP	33	242	312	3	1	1	7	0	3	59	49	100	4,953	53,806	4	146	31,642
OCT	30	372	223	2	2	3	1	1	0	54	51	108	4,694	53,898	12	119	33,199
NOV	31	190	254	6	2	4	3	1	0	21	49	120	4,765	53,719	7	105	29,112
DEC 2015 TOTAL	25	275 3,505	242	1 33	5 33	3 28	6 54	1 38	0 17	42 581	43 557	79 1,465	4,594	53,652	3 73	112 1,489	25,659 339,080
	າາ												A E20	E2 400			
2016 JAN	22	250	126	1	0	3	5	0	0	34	9	70		53,698	2	118	30,105
FEB	20	205	227	3	0	3	2	44	2	31	39	66	4,599	53,723	8	115	28,611
MAR	17 17	268	268	0	0	2	2	5	0	34	36	69	4,530		3	132	30,902
APR	17	185	224	0	1	3	4	0	0	24	39	62	4,511		4	113	27,914
MAY	16	353	217	0	2	3	1	1	1	33	24	85	4,464		4	106	26,778
JUN	16	315	233	0	0	2	3	2	1	38	30	61	4,456	-	2	80	27,284
JUL	20	268	249	5	0	4	4	6	6	31	30	84		53,724	5	91	24,151
AUG	21	141	150	1	3	5	3	2	0	33	23	91		53,740	1	106	29,192
SEP	19	366	270	0	2	4	2	0	6	29	24	72		53,817	4	154	25,698
OCT	19	334	297	6	1	6	3	1	0	42	29	88	4,601		1	135	25,893
NOV	20	368	304	3	3	3	3	0	1	40	45	130		53,993	2	97	25,140
DEC	26	342	267	1	4	7	5	1	2	48	25	103	4,477	54,036	5	92	23,449
2016 TOTAL		3,395	2,832	20	16	45	37	62	19	417	353	981			41	1,339	325,117
2017 JAN	28	442	211	8	2	2	2	0	0	42	25	119		54,111	6	79	28,702
FEB MAR	26	701	263	2	4	4	3	0	0	62	38	137		54,194	1	97	27,715
	28	510	423	2	2	7	4	3	24	71	48	167	4,714	54,322	1	152	31,952

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Oil and Gas Staff Report



Monthly Statistics as of April 3, 2017

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	Well					Bonds										Remed	liation		
YEAR and	Oper	Ope	erators	Rel	ease		Cl	aim	Hea	rings	Enfo	rceme	nt				ects	Inspe	ctions
MONTH	Change	New	Inactive			Replace								Cmplt	Spills			Wells	Location
2011 TOTAL	6,743	33	31	79	44	43	4	4	403	349	230	10	19	247	527	726	536	12,394	
2012 TOTAL	7,546	47	37	70	46	33	3	0	482	396	157	9	2	244	402	690	641	19,071	12,670
2013 JAN	653	3	5	12	2	0	0	0	48	75	15	4	_	21	40	31	45	1,622	789
FEB	289	4	2	6	3	2	0	0	41	35	11	2	-	15	30	42	90	1,044	61!
MAR	354	1	3	2	2	1	0	0	54	67	16	2	-	11	25	65	29	1,968	1,14
APR	333	7	1	5	2	8	0	0	-	-	21	-	-	16	33	39	37	1,510	91
MAY	346	2	1	3	0	0	0	0	46	50	22	6	-	13	31	41	60	2,621	1,57
JUN	1,456	6	2	2	4	5	0	0	91	44	13	2	-	25	40	47	37	1,860	1,10
JUL	1,009	4	1	2	2	0	0	0	96	70	25	3	-	21	47	50	22	2,298	1,33
AUG	389	6	4	5	4	2	0	0	-	-	23	-	-	25	57	36	41	2,146	1,03
SEP	277	4	1	6	1	0	0	0	101	51	7	2	-	16	60	43	51	1,536	70
OCT	345	6	0	2	2	2	0	0	52	82	4	12	3	12	79	47	60	1,868	1,15
NOV	442	2	0	2	2	0	0	0	-	-	30	-	-	12	51	31	34	2,401	1,61
DEC	1,299	4	1	1	2	0	0	0	42	48	50	4	-	14	75	35	35	2,677	1,38
2013 TOTAL	7,192	49	21	48	26	20	0	0	571	522	237	37	3	201	568	507	541	23,551	13,37
2014 JAN	1,971	6	3	3	2	0	0	0	57	46	25	2	-	8	68	46	28	3,243	1,59
FEB	2,039	8	2	6	5	0	0	0	-	-	23	-	-	17	59	51	13	2,330	1,28
MAR	493	2	3	1	5	0	0	0	97	75	29	10	-	22	63	66	31	1,822	1,29
APR	312	5	3	6	4	1	0	0	74	64	17	8	1	20	57	47	59	2,651	1,71
MAY	508	6	2	3	3	5	0	0	-	-	12	-	-	13	63	50	42	2,437	1,57
JUN	1,008	5	3	7	4	1	0	1	95	90	14	6	1	16	74	44	50	3,209	1,71
JUL	338	2	1	5	3	1	0	0	96	96	11	6	-	12	60	60	59	3,071	1,53
AUG	452	6	2	2	3	0	0	0	-	-	8	-	-	31	56	32	58	2,788	1,68
SEP	378	4	2	1	2	0	0	0	73	63	13	7	1	18	65	39	50	2,587	1,61
OCT	887	8	2	0	2	0	1	0	80	75	12	3	1	13	74	78	36	3,886	1,91
NOV	498	2	4	8	4	5	0	0	-	-	6	-	-	15	72	27	59	3,156	1,45
DEC	1,414	1	1	0	2	0	0	0	126	89	9	1	-	58	75	56	17	3,028	1,59
2014 TOTAL	10,298	55	28	42	39	13	1	1	698	598	179	43	4	243	786	596	502	34,208	18,98
2015 JAN	727	2	3	2	3	0	0	0	76	64	15	2	1	36	64	38	58	2,491	1,24
FEB	556	5	2	2	3	1	0	0	-	-	10	-	-	22	44	34	64	2,667	1,38
MAR	183	5	3	5	2	4	2	0	72	72	33	1	1	42	76	59	94	3,469	1,73
APR	271	7	1	0	5	3	0	0	60	54	19	3	-	21	46	40	61	3,451	1,62
MAY	436	8	0	0	2	3	0	0	89	54	10	10	2	25	46	56	41	2,869	1,42
JUN	496	2	2	3	5	4	0	0	-	-	27	-	-	25	41	32	43	3,366	1,71
JUL	396	3	3	0	5	1	0	0	123	140	5	13	1	32	67	52	28	3,445	1,77
AUG	218	8	2	0	7	4	0	0	-	-	13	-	-	18	56	24	62	3,692	1,84
SEP	267	6	5	1	7	4	0	2	112	78	25	11	-	30	41	44	40	2,887	1,52
OCT	356	4	1	6	1	6	1	0	115	103	6	12	1	32	58	51	33	3,420	1,49
NOV	97	2	3	5	0	0	0	1	-	-	6	-	-	15	38	47	40	3,348	1,66
DEC	437	7	2	3	5	1	0	0	91	80	4	5	2	60	46	39	37	3,851	1,76
2015 TOTAL	4,440	59	27	27	45	31	3	3	738	645	173	57	8	358	623	516	601	38,956	19,19
2016 JAN	508	2	1	0	5	5	0	0	76	66	4	7	1	29	51	44	36	3,184	1,55
FEB	165	2	1	0	1	1	1	0	-	-	8	-	-	27	47	34	49	3,666	1,73
MAR	1,035	6	4	2	2	2	1	1	62	57	3	7	1	19	42	50	45	3,020	1,64
APR	236	3	3	2	7	4	0	0	34	32	6	4	2	20	40	48	90	4,041	2,11
MAY	374	2	3	6	3	3	1	0	-	-	0	-	-	20	37	41	29	3,485	2,17
JUN	202	6	3	3	4	1	1	1	67	65	3	6	2	20	36	40	77	4,098	2,32
JUL	2,212	3	2	0	2	0	0	0	-	-	10	-	-	20	41	31	56	3,481	2,06
AUG	136	3	3	3	2	1	1	1	71	43	20	4	-	20	51	38	38	4,067	2,28
SEP	318	3	1	9	3	3	0	1	-		8	-	-	20	37	29	22	3,527	1,78
OCT	406	1	3	7	5	1	0	0	96	74	23	7	1	21	40	32	36	3,325	1,80
NOV	523	3	0	4	0	0	3	0	-	-	19	-	-	22	40	30	50	3,855	1,90
DEC	170	4	4	1	7	2	1	1	67	60	3	8	-	23	66	28	72	3,372	1,68
2016 TOTAL	6,285	38	28	37	41	23	9	5	473	397	107	43	7	261	528	445	600	43,121	23,09
2017 JAN	94	3	3	3	3	1	0	0	80	72	1	11	1	46	47	23	12	3,007	1,44
FEB	57	1	5	2	4	2	0	3	0	0	13	0	0	74	57	40	20	3,155	1,36
MAR	50	6	4	2	2	2	1	1	86	65	18	3	0	44	47	59	21	2,918	1,38
MAN				7	9	5													