

GARFIELD COUNTY ENERGY ADVISORY BOARD (EAB) MEETING MINUTES

Thursday March 3, 2016

Location: Rifle Library, Rifle, Colorado

CALL TO ORDER/INTRODUCTION

Chair Howard Orona called the meeting to order at: 6:00 P.M. Secretary Robin Haney conducted roll call and read the EAB mission statement.

EAB members in attendance:

Kirby Wynn	Garfield County
Ed Green	City of Rifle
Art Riddle	Town of New Castle
Tom Rugaard	Town of Parachute
Marc Morton	Colorado Oil and Gas Conservation Commission
Don Mumma	Battlement Mesa Oil & Gas Committee
Leslie Robinson	Grand Valley Citizens Alliance
Bill McKee	Holy Cross Cattlemen's Association
Brian Bivins	Holy Cross Cattlemen's Association
Robin Haney	(vice chair) Colorado Mountain College
Bob Arrington	Citizen Rep Battlement Mesa/Battlement Creek
Divide Creek	Jeff Simonson
Howard Orona	(outgoing chair) Citizen Rep Parachute/Parachute Creek
Hank Kracht	Rulison/Holmes/Morrisania Mesa
Jake Janicek	(secretary) Caerus Oil & Gas
Jason Eckman	Encana Oil & Gas
Shawn Brennan	Enterprise Products
Lorne Prescott	Laramie Energy, LLC
Brian Gardner	Summit Midstream
Don Simpson	Ursa Operating Co.
Scott Ghan	Vanguard Natural Resources
Patrick McCown	Williams Midstream
Jeffrey Kirtland	WPX Energy

APPROVAL OF LAST MEETING MINUTES

The board reviewed the minutes from the February 4, 2016 meeting. The motion to approve last meeting minutes was made by Tom Rugaard and 2nd by Brian Gardner. Motion passed unanimously.

NEW BUSINESS

No New Business

OLD BUSINESS

BOCC will received an update from the EAB delivered by Jake Janicek Monday morning February 3, 2016 covering November through February. The BOCC extended their gratitude to the EAB for the hours and efforts given.

EDUCATIONAL PRESENTATION

Donald W. Behrens, President, Behrens and Associates Environmental Noise Control presents; **Oil and Gas Exploration and Production Noise Impact Evaluation and Mitigation**. Noise Impact Evaluation Methodology- Whether the operation is a drilling rig, completions activity, compressor station or construction project the noise impact evaluation utilizes the same approach:

- Establishment of Ambient Sound Level Conditions
- Establishment of Noise Source Levels
- Determination of Equipment Layout and Operations
- Development of a Site Specific Noise Impact Model
- Evaluation and Design of Sound Mitigation Systems
- Compliance Verification

Noise Mitigation Methodology-

- Receiver Noise Control
- Source Noise Control
- Path Noise Control

Compliance Verification- Live Noise Monitoring User Interface; Data collection and real-time reporting can include dB levels, audio files, weather data, vibration data and dust level data.

Additional Noise Impact Evaluations to be considered:

Pure Tone Assessment; A pure tone shall be deemed to exist if the one-third octave band sound-pressure level in the band with the tone exceeds the arithmetic average of the sound-pressure levels of two contiguous one-third octave bands by 5 dB for center frequencies of 500 Hertz and above, and by 8 dB for center frequencies between 160 and 400 Hertz, and by 15 dB for center frequencies less than or equal to 125 Hertz.

Low Frequency Assessment- This is characterized by noise levels at frequencies less than 100 hertz (Hz). Typically, low frequency noise is described as noise levels in the 16 Hz, 32Hz, and 64Hz octave bands. Noise at those frequencies can be annoying to some people even at relatively low levels that might not be discernible to other people standing nearby. Low-Frequency noise can propagate through closed windows and lightweight walls typical of most homes, so in many cases the indoor and outdoor levels at homes near sources of low-frequency noise can be nearly identical. For that reason, annoyance from low-frequency noise usually occurs when the receiver is indoors where the background noise levels are low compared to the intruding low-frequency noise. If the low-frequency noise level is sufficiently high, it can cause discernable vibration and rattling of windows or other lightweight structures.

- 16 Hz octave band : 65 dB
- 32 Hz octave band : 65 dB
- 64 Hz octave band : 65 dB

What is the Difference between dB, dBA and dBC?

dB sound pressure levels are unweighted. dBA levels are "A" weighted according to the weighting curves shown below to approximate the way the human ear hears. For example, a 100 dB level at 100 Hz will be perceived to have a loudness equal to only 80 dB at 1000 Hz. Other weighting scales (C and B) are also shown. The dBA scale is based on a child's hearing and was originally documented based on actual hearing tests to characterize the human ear's relative response to noise.

Additionally for esthetic purposes Acoustical Barrier Screen Printing Overlays are now being utilized.

Mr. Behrens provided a very informative presentation followed by a lively Q & A.

PUBLIC COMMENTS

Marion Wells – Complimented our guest speaker for a nice presentation that she enjoyed a lot. She also requested further information be provided on any possible health effects caused by industry noise, sleep disturbances, high blood pressure, adrenaline issues, memory issues, aggression and mood issues which Ms. Wells feel will impact the residents of Battlement Mesa.

COMMUNITY COUNTS (CC) UPDATE: Nita Smith, Community Counts.

Community Counts is a non – profit organization established to connect the energy industry and the community through responsive, open dialog. We currently have 85 members and operate in Garfield, Mesa and Rio Blanco Counties.

Response Line: 866-442-9034 - The response line system is designed to connect residents with the source of their issues and concerns for timely response and resolution. Once Community Counts facilitates that connection, we are no longer involved. The operator and resident address and resolve the issue, and in the future the resident contacts the operator directly. To close the loop with calls that come to Community Counts, the operator gets back with us to let us know the issue has been resolved. One of the major keys to our success has been the dedication of our operator partners and contractors to respond quickly and effectively

Current Members – 86; 17 Operators

November – Concerns/Requests/Informational E-mails

Of specific concern; call regarding concern about 7 – 8 haul trucks. GARCO Road and Bridge noted that the trucks have a right to travel as long as they meet size and weight standards. This was not an Energy Operation this was related to the School District.

- 1 – Informational request
- 1 – Concerns as noted above
- 3 – High volume activity informational emails sent out
- 3 – Rig move notices

Current Rig Count – 3 Garfield County

- 1. WPX Energy – 1 Garfield County
- 2. Caerus Oil & Gas – 1 Garfield County
- 3. Ursa Operating Co. – 1 Garfield County

Rig Count for the State of Colorado – 19

Community Counts Board of Directors for 2016-2017

Susan Alvillar – WPX Energy (Board President)

Kirk Daehling – Natural Soda

Brian Gardner – Summit Midstream

Zach Jacobson – Summit Midstream

Dave Morlan – Rio Blanco Road & Bridge Director

Jason Oates – Encana Corporation

Don Simpson – Ursa Operating Company (Board Vice President)

Monique Speakman – Cheryl & Co Property Management

Kirby Wynn – Garfield County Oil & Gas Liaison

Community Counts Board Meetings are held every other month on the 3rd Wednesday, 3:30 – 5:00 pm at the Town of Parachute. Our next Board meeting will be March 16, 2016, due to schedule change.

Contact information is: Nita Smith, Executive Director, (970.712.7317 or 303-916-4009) or Susan Alvillar, Board President, susan.alvillar@wpenergy.com (970.263.5315) Additions have been made to the response line extensions. Some discussion took place about adding a prompt to allow callers to leave an email address for future notifications.

EAB MEMBER UPDATES

Municipalities:

City of Rifle – Ed Green; Nothing to report.

Town of New Castle – Art Riddle; Nothing to report.

Town of Parachute – Tom Rugaard; Nothing to report.

COGCC – Marc Morton

The Rulemaking to implement Governor's Task Force recommendations 17 & 20 has been completed. They take effect on March 15, 2016. The rules that have been adopted have been posted to the COGCC website <http://cogcc.state.co.us> Commission Hearing held March 7 – 8, 2016, update from our Director also available online if you are unable to attend. The North West Oil and Gas Forum will be held April 7, 2016 in Rifle at the CMC Campus starting at 9:00 am.

Organizations:

Colorado Mountain College – Robin Haney; Nothing to report

Battlement Mesa Oil & Gas Committee – Don Mumma; Nothing to report.

Grand Valley Citizens Alliance – Leslie Robinson; The GVCA was very involved with Battlement Concerned Citizens on the Ursa permit for drilling in the PUD and continue to be active oil and gas issues. Recently GVCA offered comments on the Roan SEIS regarding the future development of oil and gas on the Roan plateau. Environmental groups, industry and the federal government came up with alternate proposal allowing some drilling and limit surface occupation, GVCA was not happy with that compromise. GVCA through the Western Colorado Congress gave an opinion on the proposed new rules on methane the BLM is considering. Since our air quality can be affected by neighboring states the GVCA is anxious to see stronger national regulation.

Holy Cross Cattlemen's Association – Bill McKee; Nothing to Report

Citizen Representatives:

Rulison/Holmes/Morrisania Mesa – Hank Kracht; Nothing to Report

Divide Creek – Jeff Simonson; Nothing to Report

Parachute/Parachute Creek – Howard Orona; Nothing to Report

Battlement Mesa/Battlement Creek – Bob Arrington; In the past month there was quite a bit of activity with Battlement Mesa Concerned Citizens placing comments with the COGCC. BMCC discussed how to handle complaints as they are made.

Operators:

Encana Oil & Gas – Jason Eckman; We are still producing, no plans to drill any wells this year.

Vanguard Natural Resources – Scott Ghan; Normal ongoing production activity involved 950 wells south of Silt.

Williams Midstream – Patrick McCown; We have been authorized to say we have 4 filings in front of the FTC pending approval, after that a filing with the Federal Government for the sale to ETC pending approval of that it will go to the shareholders. We are waiting for the Federal approval.

Ursa Operating Co. – Don Simpson; Since the last EAB meeting we have finished drilling 17 wells on Monument Ridge B Pad and have moved the rig to the Tompkins pad, we have not started drilling there yet and will be taking a hiatus for a bit. We have our semiannual community meeting in Battlement Mesa on March 16th at 6:00pm. No plans for operations in the Silt area in the near future. We have notified our distribution list that we will forgo our meeting on the 17th in Silt at the firehouse and resume in September or October.

WPX Energy – Jeffery Kirtland; We are moving our rig to a new location from Flat Iron Mesa. We announced on February 9th we agreed to sell to Terra Energy Partners we do not have more to report until after closing the transaction. This will be the only asset that Terra holds in this area. More information to come, please call or email with any questions.

Caerus Oil & Gas – Jake Janicek; Since the last EAB meeting we moved our rig up Spruce Creek Road we are drilling our 2nd of 16 wells. We are moving forward completing 16 wells on Logan Mesa in Parachute.

Enterprise Products – Shawn Brennan; Normal operations moving 1 BCF a day for about six months now.

Summit Midstream – Brian Gardner; Normal operations, no new construction planned, business as usual.

Laramie Energy (formerly Piceance Energy) – Lorne Prescott; We just completed acquisition of all the Oxy assets in Garfield County and Mesa County, this places 20,000 acres under the auspices of Laramie Energy in terms of production. We have no plans for drilling, no completion activity going on. We are working on reclamation which will increase with the acquisition of Oxy assets.

County:

Garfield County – Kirby Wynn

Wynn introduced himself as the Garfield County Oil & Gas Liaison. We did extensive advertising to get the word out on the educational information being brought to the EAB on the Noise topic. Mike Leonard from the COGCC will be our guest speaker in April to conclude this three part series on Noise Issues. There is an email sign up list available if any new attendees would like to be added to the mailing list for EAB and other notifications, or you can contact npayne@garfield-county.com or call 970-625-5915.

(Provided as a PowerPoint presentation available online at: <http://www.garfield-county.com/oil-gas/energy-advisory-board.aspx>)

Wynn will be attending the monthly Battlement Mesa Service Association Board meeting to answer and address questions and issues the community members may have on upcoming activity in their area. Resident calls to the office for January – February 2016 are; 2 air quality/odor, 2 traffic/haul, 1 noise, and 59 information requests in Battlement area.

There are 3 rigs currently drilling in Garfield County, you can go to Community Counts website to see where the rigs are located and who is operating each rig along with contact information if needed.

Again to report a health concern to **Colorado Department of Public Health and Environment**, please fill out the web-based form <http://www.oghir.dphe.state.co.us> or call the HELP Line at 303-389-1687.

The BOCC will be looking at the BLM methane waste rule making, if you are interested in commenting please contact Kirby before April 8th.

Kirby encourages citizens who are having issues or questions regarding oil and gas to contact him to get the matter resolved quickly.

If folks have questions about oil and gas topics or would like to report an issue please contact Kirby Wynn, Garfield County Oil & Gas Liaison, office 970/625-5905 or cell 970/987-2557 or email at kwynn@garfield-county.com.

ADJOURN

There being no further business, Robin Haney adjourned the meeting. Next meeting is here in the Rifle Library on April 7, 2016.

MOTIONS PASSED AT THIS MEETING

A motion was passed approving the February, 2016 meeting minutes with a corrections.

NEW ACTION ITEMS:

None at this time.