

GARFIELD COUNTY ENERGY ADVISORY BOARD (EAB) MEETING MINUTES

Thursday November 5, 2015

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
AJ Hobbs	Town of Carbondale
Marc Morton	Colorado Oil and Gas Conservation Commission
Don Mumma	Battlement Mesa Oil & Gas Committee
Joyce Wizer	Grand Valley Citizens Alliance
Robin Haney	(Secretary) Colorado Mountain College
Howard Orona	(Chair) Citizen Rep Parachute/Parachute Creek
Kurt Grimm	Dry Hollow
Scott Brynildson	Mamm Creek/Hunter Mesa
Michael Gross	Peach Valley/Silt Mesa/Silt
Brent Buss	Citizen Rep Rifle/North Rifle
Scott Stewart	(Vice Chair) Citizen Rep Roan Creek
Tom VonDette	Citizen Rep Taughenbaugh Mesa
Jake Janicek	Caerus Oil & Gas
Sandy Kent	Encana Oil & Gas
Michael Brygger	Oxy Oil & Gas Corporation
Don Simpson	Ursa Operating Co.
Scott Ghan	Vanguard Natural Resources
Jeffrey Kirtland	WPX Energy

APPROVAL OF LAST MEETING MINUTES

The board reviewed the minutes from the October 1, 2015 meeting. The motion to approve last meeting minutes was made by Kirby Wynn and 2nd by Robin Haney. Motion passed unanimously.

NEW BUSINESS

Kirby Wynn – *Future Educational Topics Update*: This has been a group effort and discussion. Thanks to all members for input of topics sent to Kirby through email. There were a number of duplications, the list that follows was organized from that list;

- **Economy** - Impact on counties and communities as oil/gas declines....are there current or future issues in GARCO, Rio Blanco, and Mesa Counties? **Land values** - Recent article in GPI said that values were up, even in areas of O&G Development like Battlement Mesa.
- **Oil and gas development** - on property with a conservation easement....how does this work? **Speaker:** Someone from the Colorado Coalition of Land Trusts that has published a booklet on this topic

- **Air quality** – ozone and methane: regulations as well as how industry compliance with Colorado air rules is making a difference. Demonstration of a FLIR camera and explanation of how it is used to improve air quality.
Speaker: Operator who has a FLIR camera could do this.
- **Colorado water plan** – Impact on agriculture and industry, amount of water used in fracking, what can be recycled/reused and amount that is put into injection wells. Water is a big concern. Information on seismic activity due to injection wells.
- **Wastewater treatment solar array** - Tour of the Rifle wastewater treatment solar array to understand its significance.
Speaker: City of Rifle could facilitate.
- **Spill response** - Contingency planning, protection of sensitive areas, Colorado River and tributaries.
Speaker: EPA Region 8 may have a good speaker.
- **Notices:** - Something on all the notices that people are required to get under the COGCC Rules.
- **Orphan Well Update** – COGCC rep to discuss changes in orphan well issues in this low price environment
- **Sage grouse management** – Colorado approach, rancher and industry best practices.
Speakers: Garfield County Division of Wildlife speaker or John Swartout, Brett Walker or other CPW researcher.
- **Colorado Wildlife Mitigation** – Program from which O&G developers spend millions of dollars to help improve viable habitat thru mitigation planning and spending in the areas of impact.
- **Reclamation** - Site restoration; reclamation programs, differences on approach for private landowners or federal agency managing public lands. **Native Seed Program and seed banks**- Federal work to create and partnership to collect and provide native seed for both federal and private lands. **Speakers:** BLM or US Forest Service or Reclamation Company
- **O & G Tools and Technology** - Meeting at CMC, tour of technology department, teaching tools such as a separator which is cut in half to reveal how it works.
Speaker: Process technology department and Robin Haney.
- **Thompson Divide** - More about potential exchange of leases or other plans regarding Thompson Divide.
- **Split Estate**- what it is and how to generate workable solutions amongst vast interest.
- **New President of Gas Association** – To discuss brief summary.

- **Oil and Gas Transportation** – How are Oil and Gas Transported? Give an overview of the methods used, from pipe, rail and truck, what goes into permitting, safety, what are the different methods employed?
- **Oil and Gas Process, Start to Finish** – From Geology, research, permitting, to drilling, and completions. How is all that navigated all the way to long term production?
- **Noise** – Causes, impacts, mitigation available. Find ways to bring in new ideas for addressing noise issues.

Kirby reminds everyone that if you can also refer the name of a Speaker to address the topics covered it would be very useful in planning our future EAB Educational Presentations. Please call Kirby or email him with names of speakers.

EDUCATIONAL PRESENTATION

Tom Jankovsky, County Commissioner and Fred Jarman, Community Development Director - ***Garfield County's Local and Regional Greater Sage Grouse Habitat Conservation Efforts***
 Since the presentation in 2013 much has occurred, but most notably:

- 1) The BLM signed the Record of Decision (ROD) on 09/15 that implements the provisions in the Final EIS for the Resource Management Plan Amendments
- 2) On 09/22 – FWS did not list the GSG making a finding of “not warranted” based on the effectiveness of the regional BLM plans (RMPA / FEIS)

See Current land ownership in GSG Country (Refer to Power Point Presentation on EAB Webpage)

See Sage Grouse Habitat (according to BLM / CPW) Refer to Power Point Presentation on EAB Webpage)

See Garfield County's involvement largely focused on tailored conservation policies and accurate habitat mapping: (Refer to Power Point Presentation on EAB Webpage)

Notable Garfield County efforts:

- 1) Updated the Garfield County Conservation Plan – Nov, 2014
 - a) Habitat Mapping revisions – Management Map
 - b) Predation Polices
- 2) Submitted mapping to the Berryman Institute's Journal of Human-Wildlife Interactions for publication – (2nd Peer review)
- 3) Participated in the 'Data Quality Act Challenge' via WEA
- 4) Formally protested the BLM's Final EIS / RMPA
- 5) Submitted a FOIA request of BLM & FWS to obtain information related to last minute “national language” from DC
- 6) Habitat Maps in the adopted BLM Amended RMP remain as they were in the Draft and Final EIS
- 7) County supporting AGNC DOLA grant to refine mapping of GSG habitat in NW Colorado with CPW

BLM RMPA Highlights...

- 1) BLM hosted a meeting on 10/28 with Cooperating Agencies to present the key pieces of RMPA
- 2) Garfield County GSG management will managed in 4 separate field offices / planning area RMPs
 - a) Colorado River Valley Field Office
 - b) Roan Plateau
 - c) White River Field Office

- d) Grand Junction Field Office
- 3) Key Policy Management Areas:
 - a) Travel & Transportation
 - b) Range Management
 - c) Wild Horse Management
 - d) Lands & Realty
 - e) Fluid Minerals (Unleased)
 - f) Fluid Minerals (Leased)

BLM RMPA Highlights: Unleased Fluid Minerals

- 1) No new leasing w/in 1 mile of active lek
- 2) PHMA: No Surface Occupancy (NSO), no waivers or modifications with Exceptions granted only by unanimous panel decision of BLM, CPW and FWS based on criteria
- 3) GHMA: NSO w/in 2 miles of active lek (waivers, modifications and exceptions based on criteria)
- 4) Timing Limitations – Prohibits surface occupancy or disturbance in PHMA w/in 4 miles of a lek during lekking, nesting, and early brood-rearing (March 1 to July 15)
- 5) Most lands in Garco have been leased; however, they do expire...
- 6) No known GSG leks in GHMA...such as the Roan Plateau

BLM Map of Unleased Fluid Minerals Refer to Power Point Presentation on EAB Webpage)

2008 Sage Grouse Lek Sites Refer to Power Point Presentation on EAB Webpage)

BLM Map of Unleased Fluid Minerals Refer to Power Point Presentation on EAB Webpage)

BLM RMPA Highlights: leased Fluid Minerals

BLM's approach to recognize "Valid Existing Leases"

- 1) Most of Garfield County has been leased
- 2) BLM work with Lessees to **Avoid, Reduce and Mitigate** adverse impacts to extent compatible with Lessee's right to drill in an APD
- 3) Activity "precluded" w/in 1 mile of active lek; however:
 - a) If this restriction proves "infeasible or uneconomic" or if
 - b) the disturbance activity exceeds **1 disturbance per 640** and /or
 - c) exceeds the **3% disturbance cap**, then mitigation is required (Appendix F)
- 4) In PHMA and w/in 4 miles of active lek:
 - a) BLM will use specific criteria to guide development to reduce impacts to GSG;
 - b) Timing restrictions apply (March 1 to July 15), could be adjusted with CPW

BLM Map of leased Fluid Minerals Refer to Power Point Presentation on EAB Webpage)

Specific Criteria

- 1) Location of proposed lease activities in relation to critical GRSG habitat areas as identified by factors, including, but not limited to, average male lek attendance and/or important seasonal habitat;
- 2) An evaluation of the potential threats from proposed lease activities that may affect the local population as compared to benefits that could be accomplished through compensatory or off-site mitigation;
- 3) The Tom J / Garfield County Criteria: An evaluation of the proposed lease activities, including design features, in relation to the site-specific terrain and habitat features. For example, within 4 miles from a lek, local terrain features such as ridges and ravines may reduce the habitat importance and shield nearby habitat from disruptive factors. This is particularly likely in Colorado MZ 17, which has an atypical GRSG habitat featuring benches with GRSG habitat interspersed with steep ravines...Clear Creek example.

Garfield County's involvement has helped shape the BLM decisions based on our efforts such as highlighting terrain in PPR:

BLM RMPA Highlights: Disturbance Cap Program

- 1) Applies in Management Zone 17: Garfield and Rio Blanco Counties (PPR population)
- 2) Only applies to disturbances in Priority Habitat Management Areas on:

- a) BLM
- b) Split-estate (private surface with federal minerals)
- c) Private Land
- 3) Zone 17 by the Numbers:
 - a) Total Acres in Zone: 353,297
 - b) Total Acres in PHMA: 212,555
 - c) 3% Cap of Acres in PHMA: 6377
 - d) BLM Disturbance Inventory: 4,523 (or 2.13%)
 - e) Acres left under cap: 1,853
- 4) BLM will track disturbance and reclamation via a national database (SDARTT)

Management Zones: Zone 17 Refer to Power Point Presentation on EAB Webpage)

BLM RMPA Highlights: 1 per 640 acres “disturbance density” (think active disruptions...)

- 1) Applies to energy and mining facilities on BLM and Split-estate lands in PHMA in Zone 17: Garfield and Rio Blanco Counties (PPR population)
- 2) The Disturbances counted / considered are “active” energy and mining facilities on BLM and Split-estate lands in PHMA (not on fee/fee)
- 3) Disturbance Density is calculated by:
 - 1) Total acres in PHMA that fall on BLM and Split-estate divided by 640.
 - 2) For Garco: 106, 465 acres ÷ 640 = 166 active disturbances
- 4) While the “Cap” monitors and tally total acres disturbed on all lands (public and private) in PHMA for a variety of uses, the disturbance density (1:640) only looks at how many disturbances on BLM and Split-estate lands in Zone 17.

Lek Buffers

- Much of the approach to the BLM’s conservation is geared towards protection of impacts to active leks, thus lek buffers
- CPW will provide the updated lek locations to BLM
- BLM RMPA: Appendix B in Plan provides guidance on how BLM will evaluate activity within established lek buffers: For example (as provided by BLM):

2008 Sage Grouse Lek Sites (Refer to Power Point Presentation on EAB Webpage)

4-Mile Buffer as it applied to BLM & Split Estate(Refer to Power Point Presentation on EAB Webpage)

BLM RMPA Highlights: Map Changes to RMPA?

- Only BLM, CPW or FWS can provide info to change / update maps based on best available scientific information on case-by-case basis.
- This could be done via either:
 - a) Plan Maintenance; or
 - b) Plan Amendment
- Garfield County continues to improve upon its suitable habitat mapping and will ultimately publish
- CPW’s Dr. Brett Walker recently published his work (including mapping) on GSG in the PPR
- CPW continues to indicate their initial mapping provided to BLM was for consultation purposes and not as BLM has used it with specific policy implementation

Associated Governments of NW Colorado Grant

- Rep Rankin – Federal Lands Coordination Bill passed in 2015 Session
- DOLA to administer Grant: \$1M per year for three years
 - AGNC to apply for Grant to map NW Colorado GSG habitat at finer scale with CPW
 - Financial Match Commitments: (DOLA Required \$45,000)
 - Moffatt County: \$15,000
 - Garfield County: \$15,000

- Rio Blanco County: \$15,000
- Southwestern Energy: \$5,000
- Chevron: \$5,000
- Transwest: \$15,000
- \$70,000
- Additional matching funds are welcome to make the project even better
- Presenting to DOLA Grant Committee on November 17th in Grand Junction.
- Grant has wide support: Congressional support, Governor's Office & CPW

Q & A Followed, see video posted on the EAB website for details.

OLD BUSINESS

Kirby Wynn and Robin Haney - *Traffic Subcommittee Report and Issues Committee Report* – Last year in the work session we decided that EAB needed to be true to its mission, and would therefore pursue proactive actions and look at issues that had been brought to the EAB. After prioritizing the recommendations we came up with five number one issue was traffic, we looked at the issue and learned a lot, related is noise, dust, speeding, dis-courteous drivers, road conditions, anything that fell under a traffic issue. As a result a number of things that have occurred, the issue of the County Haul Routes, still being worked on with Road and Bridge and a map is being produced for those routes, there will be follow up on that. We discussed the need to work with operators to more fully implement the new 'pending traffic impact' notification process:

In the past operators have been great about notifying the county and community counts about drilling Rig Moves. The full EAB discussed and agreed that additional notifications for most any significant and predictable traffic influx that is significantly impactful ideally should also be shared in advance.

Additional notifications would be beneficial for: Pad Construction, larger scale water moving operations, and frac and flow back operations. Other?

Questions to EAB members: Who should receive the notifications and how best to reach the impacted community at large? Municipality News Letters? Mailing from distribution list, post cards, how about a test area? How do we as a Board sustain progress made and check up on these issues to ensure traffic and road issues are minimized?

Road Condition Report Form: See latest draft prepared by Robin. Potentially useful for EAB members and operators and others to detail road condition issues they know of or that are reported to them.

EAB Issues Committee: Participants: Jake, Kirby, Robin, Brent, Jeff, Tom
We reviewed the previous Issues Committee and full EAB discussions of potential Oil and gas issue topics EAB may want to work on.

Background: EAB agreed any issue we pick up to work on should be:

- Actionable by BOCC and/or EAB
- Able to be solved
- Current problem
- Safety Issue
- Local
- Can be applied universally

Traffic and Roads was the first topic EAB tackled and we made solid progress on that topic.

Issues committee recommends Noise (impact sources and best practices to mitigate) as the next topic for EAB to pick up as a study topic on the heels of the Traffic/Roads topic. Within our ability understand and navigate and potentially develop advisory recommendations to BOCC. As with Roads/Traffic issue, approach would be to bring in experts on the topic to educate the board and a new Noise Subcommittee. Brent Buss made a motion to take-on Noise as the next issue that the board will discuss, Don Simpson second the motion, all were in favor. Don Simpson recommended Barons for Noise Study presentation.

Other priority issues defined we can consider over time include: Lights, Odors, Local Economic Impact, COGCC Rulemaking, COGCC permitting. One of the Issue Committee considerations was that we are learning how to be more advisory to the BOCC consistent with our bylaws and we should select topics we have greatest opportunity to succeed with early on.

PUBLIC COMMENTS

Marion Wells – Educational program request (made since 2008) – Ms. Wells would like to hear an educational presentation done by TedEx, they have a published peer review report on air quality conditions near well development, Ms. Wells would like to have this presentation made. Ms. Wells was most concerned with an article recently featured in the Daily Sentinel, this article struck a chord with Ms. Wells, it was about industry spin vs the reality that Ms. Wells lives with daily, for years now. The article stated that Battlement Concerned Citizens just like to strike fear, Ms. Wells found the statement offensive in comparison to the fear that she feels industry strikes into the residents being impacted, and Ms. Wells feels there are numerous reasons to fear industry, like Divide Creek, Parachute Creek, energy generated carcinogens, and spills. Ms. Wells continues to be here for many years and feels that others need to hear about this too, Ms. Wells states this is her truth.

COMMUNITY COUNTS (CC) UPDATE: Power Point presentation made by Nita Smith, Community Counts. See attached.

Community Counts is a non – profit organization established to connect the energy industry and the community through responsive, open dialog. We currently have 87 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 – 85; 17 Operators

New Members – AMSO (American Shale Oil LLC)
Research and Development Company

October – Concerns/Requests/Informational E-mails

1. URSA Semi - Annual Community Update meeting
2. 7 Notices Sent out for Road Construction update in Rio Blanco County
3. Odor complaint – 2 Operators, Oil & Gas Liaison and CCC Executive Director - responded

4. Operator called in about lines on Hwy 13 needing to be repainted from Rifle to Rio Blanco Store/County Road 5 - CDOT has it on their priority list to do
5. Cattle Drive on Piceance Creek Road
6. Noise from rig
7. 1 Rig Move

Current Rig Count – 3 Garfield County, 1 Mesa County

1. **WPX Energy – 2 Garfield County**
2. **Caerus Oil & Gas – 1 Garfield County**
3. **Piceance Energy, LLC – 1 Mesa County**

Rig Count for the State of Colorado – October – 32

Community Counts will be holding an update for Mesa County residents -

November 17TH - 6 – 7 PM, Collbran Firehouse, 2006 Elm, Collbran.

Community Counts Board Meetings are held every other month on the 2nd Wednesday, 3:30 – 5:00 pm at the Town of Parachute. Our next Board meeting will be January 13, 2016.

Contact information is: Nita Smith, Executive Director, (970.712.7317 or 303-916-4009) or Susan Alvillar, Board President, susan.alvillar@wpxenergy.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.

County:

Garfield County – Kirby Wynn

Wynn introduced himself as the Garfield County Oil & Gas Liaison. 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.

Calls to the office for October 2015 are; 6 odor complaint, 4 traffic complaint, 1 noise complaint in Battlement area and 24 information requests.

Garfield County will participate in the COGCC Rulemaking to implement Governor’s Oil and Gas Task Force Recommendations.

- Hearing on November 16 & 17, 2015
- Issues are:
 - Consultations with local governments regarding siting of proposed large oil and gas facilities
 - Required best management practices for mitigation of impacts
- Garfield County is a party to rulemaking

New Health Complaint Process

Residents living in the oil and gas patch now have a new place to call with concerns about possible health impacts.

The program also is setting up a clearinghouse on oil and gas health information based on the task force’s recommendations.

Program will include a mobile air-monitoring program.

The Oil and Gas Health Information and Response Program has set up a website at <http://www.oghir.dphe.state.co.us>, where the information clearinghouse is located and information on filing complaints is provided.

Created and operated by **Colorado Department of Public Health and Environment** in response to Governor’s Oil and Gas Task Force Recommendation, HELP line at 303-389-1687.

WHAT IS THE OIL & GAS HEALTH INFORMATION AND RESPONSE PROGRAM? A program to address public concerns about health related to oil and gas activities. It will also gather up- to-date information about oil and gas activities, with a focus on health, and make information accessible to the public.

HOW DOES THE PROGRAM RESPOND TO HEALTH CONCERNS? CDPHE health professionals will reach out to citizens who inform them of a health concern. In some cases, they will work with individuals' health care providers, local public and environmental health agencies, state air quality specialists and/or oil and gas inspectors to look into particular situations.

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

URSA PERMIT APPLICATIONS WITHIN THE BATTLEMENT MESA PUD

Urso's application to build two well pads, a pipeline, and drill a total of 53 wells on the two wells pads within the Battlement Mesa PUD

Planning Commission Process

After two hearings that included broad public participation, Planning Commission recommended approval with conditions by a 6 – 1 vote on October 28, 2015

Urso's application to build two well pads, a pipeline, and drill a total of 53 wells on the two wells pads within the Battlement Mesa PUD

Upcoming Board of County Commissioners Public Hearing

- December 15, 2015 starting at 9 am
- Location: Grand Valley Recreation Center Gymnasium
- Additional hearing dates as needed: December 16 and 17 starting at 9 am
- Location: Glenwood Springs BOCC Board Room

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.

STATE/FEDERAL AGENCY UPDATES

None

EAB MEMBER UPDATES

Municipalities:

City of Rifle – Ed Green; Rifle City Council held 6 work sessions in October on the budget. The first public hearing was November 4th, the final hearing will be November 18th, the total city budget is \$45 million, \$19 million capital associated with the new water plant.

Town of Carbondale – AJ Hobbs; Nothing to Report

COGCC – Marc Morton

Rulemaking hearing to implement Governor's Task Force recommendations 17&20 is moving forward, the hearing dates on November 16, 17, 2015 will be held at the COGCC Denver, at the Sheridan Hotel downtown. **Parties must attend in person or by webinar, if they do not attend in person or by phone they waive their rights to object to any agreements or orders that occur.**

The November Rulemaking Hearings will be broadcast on the internet for those unable to attend.

COGCC Complaint hotline is 888-235-1101 and webpage for online complaint submittal at: <http://cogcc.state.co.us/complaints.html#/complaints> available 24/7. Reviewed the COGCC upcoming 888-235-1101

COGCC is working on a new Surface Owner's brochure, it was last updated about 10 years ago. The Northwest Oil and Gas Forum is December 3rd, offering another opportunity for public comment, there will also be a presentation on our MIT program and on flow line integrity by from COGCC, this will be good for Operators to hear. 2016 will be another busy rulemaking year.

Organizations:

Colorado Mountain College – Robin Haney Nothing to Report

Battlement Mesa Oil & Gas Committee – Don Mumma Nothing to Report

Grand Valley Citizens Alliance – Joyce Wizer

Ms. Wizer reports that Ms. Robinson is in Washington DC, she joined a group of western slope citizens talking about the EPA proposed methane regulations, meeting with Congressmen, Senators, white house reps. Locally meeting with GVCA BCC Residents, talking about planning and zoning process, regarding the application made by Ursa for drilling within the PUD.

Citizen Representatives:

Mamm Creek/Hunter Mesa – Scott Brynildson We had a hole that a culvert washed out, contacted Ursa and they are going to get it fixed, the county is going to provide the materials and the truck. Plenty of signage in place to notify residents of activity, everyone seems to be getting along real good.

Rifle/North Rifle – Brent Buss Nothing to Report

Dry Hollow – Kurt Grimm Pretty quiet in Dry Hollow other than a new well pad, missed last meeting didn't hear about it. Don Simpson noted there was a construction notice sent out for that pad.

Parachute/Parachute Creek – Howard Orona Nothing to Report

Peach Valley/Silt Mesa/Silt – Michael Gross Nothing to Report

Taughenbaugh Mesa – Tom VonDette Nothing to Report

Operators:

WPX Energy – Jeffery Kirtland

Two rigs operating, one is operating on Flat Iron Mesa, also completing on an oil pad up there as well and also a window rig on the west part of the county, west of parachute, moving about ¾ of a mile tomorrow, next location will take about 12 days and then move on from there.

Enterprise Products – Shawn Brennan Nothing to Report

Encana Oil & Gas – Sandy Kent Quietly processing gas. Not currently drilling, no plans to drill, the only place Encana is drilling is in Texas. Nothing new to report.

Oxy Oil & Gas - Michael Brygger Normal production, maintenance activities. One worker rig working in Garfield County. Will be doing structure upgrades to tanks, tank containments and water pipelines.

Ursa Operating Co. – Don Simpson Community Activities

- 1) Held Ursa's regular semi-annual Battlement Mesa Community update meeting on Wed. 11/4.
- 2) Sponsor of Parachute Veterans Day dinner, Wed., 11/11.
- 3) Battlement Mesa PUD community update meeting, Wednesday, 12/9

Operations Schedule (foreseeable future)

- 1) Well Pad Construction: Completed Monument Ridge B Pad in Battlement Mesa.
- 2) Pipeline Construction: Beginning lower Tompkins Pipeline route from Monument Ridge B Pad to tie-in.
- 3) Drilling: Pick up Capstar Rig 321
Mid-November, Monument Ridge B Pad -9 well occupation.
Tompkins Pad -18 wells.
Monument Ridge B Pad -8 well occupation.
- 4) Completions: Yater Pad completions conclude ~11/20, workover rig off ~11/25 and flowback thru mid-December, this pad will then enter production mode.

PUD Permitting Status and Conditions of Approval (COA)

Garfield County Planning Commission approved BMC B & D / Pipeline on 10/28/15
Key COA's -BMC B (23), BMC D (29), Pipeline (23)

- 1) Compliance with all Federal, state, county and municipal permits
- 2) Noise restrictions / mitigation to meet light industrial during drilling / completions
- 3) Limitations on hours of operations (7 AM –7 PM)
- 4) Flowline protection, groundwater monitoring wells, emergency water supply
- 5) Air emissions controls, monitoring and mitigation (Garco and CDPHE)
- 6) Development timeframes
- 7) Emergency and complaint/concern HOTLINES

Garfield County Board of County Commissioners Hearing on Dec 15 in Parachute

Emergency and Complaint Numbers –

Ursa has implemented a Stakeholder Hotline for concerns and complaints that will be answered 24 hours per day/ 7 days per week by a designated Ursa staff member. 970-620-2787

Ursa will continue to utilize their emergency hotline number that is staffed 24/7 as well. 855-625-9922

Vanguard Natural Resources – Scott Ghan Just released workover rig from the field, continuing operations 950 wells 2 compressors stations also preparing for winter weather.

Caerus Oil & Gas - Jake Janicek Map overview, 70 facilities south of the river, 13 south of battlement, 4 productions pads south of Rulison, 1 compressor station there, 2 newer pads. Three brand new pads actively drilling.

Chevron – Cary Baird Not present, gave message to Kirby, nothing new to report.

ADJOURN

There being no further business, Howard Orona adjourned the meeting at 7:00pm. Next meeting is here in the Rifle Library on November 5th.

MOTIONS PASSED AT THIS MEETING

A motion was passed approving the October, 2015 meeting minutes. A motion was passed to take-on Noise as the next issue that the board will discuss.

NEW ACTION ITEMS:

Next meeting, Kirby will bring a menu of what we will work on for the next 4 to 5 months to address the issues of interest based on topics offered by board members.

Approved by the EAB on XXXXXXXX, 2015.