

## ATLANTIC RIM ANNUAL MEETING NOTES

November 28, 2007

### Introduction by RFO Field Manager Patrick Madigan

#### David Simons opened the meeting.

-Purpose to look at what Anadarko, Redwine, and Double Eagle have planned for 2008.

### Travis Bargsten presented a summary for 2007 ARim activities for permitting and on-the-ground activities.

- Seven pods have been authorized so far and the BLM has conducted inspection in those pods. Generally, the BLM is satisfied and the operators have addressed any issues inspectors have brought up. The BLM expects to process another 171 APDs for ARim in 2008.

### Anadarko Petroleum presentation by Troy Basara.

#### - 2007 update

Following history of activity since 2004, talked of plans to drill 38 producers and 3 injectors in Sun Dog in 2007; have drilled 18 so far. Q. from Debbie Johnson about water monitoring wells. A. that wells were approved today and will be drilled before the end of the year. Q. from WYOCC about how wells were being cemented. A. that all wells are designed to be cemented to the surface.

#### - 2008/2009 plans

- o Q. from WYOCC on abandonment and plugging plans for 2008. A. from Charlie D. that a couple of wells in Browning will be converted to CBM in 2008. General 2009 plan is to drill 150-200 wells (**2008?**).
- o Larry Chamber of Anadarko reported on Infrastructure that 58% of the goal had been completed on pipelines, 65% on electrical, and 60% on roads. In 2008, Anadarko plans to complete all infrastructure for the 2008 and half of 2009 activity.

### Redwine presentation by Dick Pate

In 2007, they drilled 8 wells on fee land.

For 2008, they are running a unit call Morgan Run that they should have submitted in 4 weeks. They plan to drill 10-20 wells; 70% on BLM-administered land.

### Double Eagle presentation by Steve Degenfelder.

In 2007, they had 14 production and 4 injector wells and drilled 33 CBM and 3 injector wells since August 6<sup>th</sup> in the Cow Creek pod. They also concluded preconstruction monitoring with the BLM.

In 2008, they plan to drill two, 24-well CBM pods and 6 injector wells (3 in each pod). They plan the same level of activity (two, pods of 24 CBM/3injectors) for 2009. Degenfelder stated that Double Eagle needs approved APDs in December in order to hire contractors and order supplies for the following year's activity.

Qs. from Clare Miller on (a) the projection to get electrical power in the field. A. from Degenfelder that Double Eagle had been on “pole power for 1 and ½ months and had buried the lines to their central delivery point due to Sage Grouse sensitivity. Anadarko said they had planned an EA for electrical power with Rocky Mt. Power, but the power company had doubled the current rate quote for service since the 60 Mw requirement for the ARim needs would require the power company to build additional generation facilities. Anadarko is reviewing the economics of doing this under the increased rate cost. Q. (b) Is the plan to place the infrastructure in the road corridors reducing the surface disturbance. A. Yes, there has been a 50% reduction. Q. (c) Are there any plans for coil drilling? A. from Anadarko that they are working out the bugs on using two rigs.

David Simons described where litigation was at in the courts. Vern said the State of Wyoming has intervened in the litigation on behalf of the defendants.

Debbie Johnson gave the Review Team update.

Progress has been made on data collection; APDs are being processed as fast as possible; the State has identified four people who will serve on the Review Team; the RFO is pursuing funds for an ARim Project Manager; and the WySO Solicitor is reviewing the legal functions of the ARim Review Team and will have guidance out soon.

### **Working Group Updates**

David Applegate of Anadarko described what the ROD requires for Historic Trails. He reported on the Programmatic agreement and work of the committee; air monitoring—the station has been put in place; groundwater monitoring—the station is close to being installed and a contractor was hired to conduct a methane seep study; and in the Performance (goals) monitoring \$75K was contributed for sage grouse in 2007 and \$150K planned for 2008, an additional mule deer study has been defined and funded for 2008-09, and a draft proposal for a 5yr. monitoring program for Muddy Creek Sensitive Fish species is being prepared for the next ARim meeting.

Jeff ???? of Anadarko reported on activities of the Surface Disturbance and Reclamation working Group.

The GPS survey was completed in 2007; there was a 1,612 acre disturbance at the end of 2007. He also reported that the date for the annual report had been changed to March 1<sup>st</sup>.

John Ahlbrandt reported that the Disturbance Tracking Attributes Table will be finalized in the Spring of 2008. He explained how disturbance is going to be calculated/recalculated. Steve Degenfelder requested that they look into a distinction for “brush-hogged vs. bladed disturbance.

Paula Guenther-Gloss reported on the Wildlife Monitoring Working Group.

She explained the establishment of thresholds and trigger points from monitoring data to use in making decisions on development. Paula then led discussions of the

adaptive management technique as it applies to monitoring results and how leks are defined, added, or removed.

Skip Stonesifer reported on the Reclamation Working Group.

Twelve ARim locations were looked at in 2007; the report on these will be out by January 2008. In general, sites from the 60-70's blend in with the native habitat, but 80-90's sites are problems due mostly to weeds (biggest barrier to successful reclamation). Suggested companies look into using wash stations.

Nina Trapp reported on the Programmatic Agreement Working Group.

She explained the history and purpose of the agreement. She also clarified that prehistoric sites still have to be handled under the Wyoming protocol. She also stated that there would be nine "transportation corridors" on the three historic trails.

Andy Warren reported that the Transportation Working Group was just getting itself set up and would be scheduling their first meeting.