



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Wyoming State Office
P.O. Box 1828
Cheyenne, Wyoming 82003-1828

RECEIVED

APR 11 2014

WATER QUALITY DIVISION

APR 10 2014

In Reply Refer To:
3160 (920Claypool)

Mr. Todd Parfitt
Director, Wyoming Department of Environmental Quality
122 West 25th St, Herschler building
Cheyenne, WY 82002

In your January 30, 2014 letter you requested that the Bureau of Land Management (BLM) provide or make available all data in its possession or control related to domestic water well quality and/or contamination issues in the subject area. The BLM responded that it would provide same as soon as feasible, and asked for clarification on specific location information of the domestic water wells, oil & gas wells and production pits of interest. The BLM also noted that in some instances, release of certain information may require prior approval by the Wind River Reservation Tribal Council.

Using the identification and location details DEQ provided, the BLM reviewed information, databases and files at both the Wyoming BLM State Office and Field Office levels that potentially relate to domestic water well quality and/or contamination issues in the Pavillion subject area. The BLM completed the review on March 27, 2014 and found, with one exception, that there is no information or data bearing on water well quality or contamination issues in any BLM files relating to permitted oil & gas wells or production pits within the DEQ specified 1320 foot radius of DEQ identified domestic water wells of interest.

The one exception pertains to a Encana Oil & Gas (USA) Inc. gas well, the Tribal Pavilion 22-12: Lease; 142002581310; API Number: 490132087800S1; Location: 3N R2E Sec 10 SENE, Fremont County WY. The BLM Lander Office found an Encana Oil & Gas (USA) Inc. report prepared by its contractor AECOM summarizing an investigation of the Tribal Pavilion 22-12 well site conducted in August and September, 2011. The BLM files indicate that Encana shared this information with the Wyoming Department of Environmental Quality (DEQ), Wyoming Oil and Gas Conservation Commission (WOGCC), and the US Environmental Protection Agency (EPA) representative of the previous Pavillion Working Group study, Pit Sub-group. This report was also provided to the Bureau of Land Management (BLM) as custodian of documents pertaining to tribal mineral rights. Based on the review of then active Pit Sub-group, additional work was recommended for this site and was summarized in the report, which indicated that Encana would contact the land owners in the near future about scheduling additional work. No additional BLM information is available.

The BLM's review also found that twenty-six pits were initially enrolled in the Wyoming DEQ Voluntary Remediation Program (VRP) in the Pavillion Field area, and that all but three of these

(Tribal Pavillion 24-3, 14-11, and 42-11)¹ were released following sampling activities which showed the pits were within standards and 4 were put "on hold" pending cleanup under WOGCC direction. Of these, Tribal Pavillion 22-12 (discussed above), 14-2, and 21-11 are located within the State's study's 1320 foot radius or review of the specified, domestic, water wells. The latest information from the VRP indicates that Encana has prepared supplemental site characterization plans and received DEQ approval as late as January 2012 for all three well sites and has been analyzing quarterly water quality samples collected from each site.

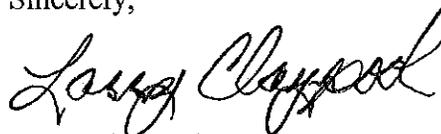
The BLM Wyoming State Office also queried its Abandoned Mine Site Cleanup Database. These queries did not identify any sites that included water well contamination. However, this database relates only to potentially contaminated sites regulated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), on BLM administered lands. Additionally, BLM staff was not aware of any existing CERCLA sites on federal managed surface (i.e. Bureau of Reclamation (BOR) lands) or tribal minerals under BLM trust jurisdiction within the defined Pavillion oil and gas field area.

The Bureau's AFMSS System (Automated Fluid Minerals Support System)² was searched for any reports or records of undesirable events (e.g., blowouts, spills, etc.) that might involve ground water contamination or degradation of water quality. This search yielded no reports of incidents within the identified area of interest near the thirteen water wells.

In summary, the BLM searches have not identified any additional reports of incidents of contamination or water quality issues in the identified area of interest that were not previously shared in the DEQ. These searches also indicated that the BLM's information on possible contamination or water quality issues is derived from State of Wyoming DEQ and WOGCC sources.

The Bureau appreciates this opportunity to support your effort. If you have any questions, please contact Karl Osvald at (307-261-7729).

Sincerely,



Larry Claypool
Deputy State Director,
Division of Minerals & Lands

Note:

¹ Neither of these wells fall within the 1320 foot radius of a domestic water well that the DEQ requested information or data.

²AFMSS is used to track oil and gas information on public and Indian land. It contains data concerning lease and agreement ownership, well identification, location and history, including casing information, geologic formations, resource protection, production, and operator compliance.

The system has an electronic commerce module to interface with the oil and gas industry.

AFMSS is used in all BLM field offices and State Offices which are involved in supporting the Fluid Minerals Program.

cc:

Kevin Frederick, Administrator, WDEQ, Cheyenne WY
Mark Watson, Acting State Oil and Gas Supervisor
Jerimiah Rieman, Governor's Office, State of Wyoming, Cheyenne WY
Ryan Ortiz, Environmental Director, Wind River Environmental Quality Commission,
Ft. Washaki WY
Richard Vander Voet, Field Manager, Lander Field Office (WYR050), BLM, Lander WY
Stuart Cerovski, Resource Advisor (Energy Resources), BLM Wyoming Wind River/Bighorn
Basin Office
Phil Lowe, Solicitor, Department of Interior, Office of the Solicitor, Rocky Mountain Region