

**2a Oil & Gas Location Assessment**  
**Amendment of Location #335915**  
Location Name: Chevron TR 41-32-597 PAD

15. Comments (continued from Form 2a):

1. Pad is located approximately 491' inside the Greater Sage Grouse RSO area, as mapped on the COGCC website.
2. Construction Layout Drawing Page 1 of 3 (COGCC 8A): slot list available identifies 22 slots, 2 of which are open locations and not planned for drilling (A6 and A9 slots). Two additional locations are not currently planned for drilling due to BHL proximity lease lines (A7 and A10). There are 6 producing wells on this location (A1-5 and A11 slots). The remaining 12 wells will be drilled in one trip to this pad. This pad will be put into interim reclamation after all wells have been drilled and completed.
3. Reference location selected is the Chevron TR 511-33-597, which is a producing well.
4. The following 18 wells are associated with this location:
  - New APD's submitted with this 2A application:
    - i. Chevron TR 431-32-597
    - ii. Chevron TR 531-32-597
    - iii. Chevron TR 332-32-597
    - iv. Chevron TR 432-32-597
    - v. Chevron TR 441-32-597
    - vi. Chevron TR 541-32-597
    - vii. Chevron TR 342-32-597
    - viii. Chevron TR 442-32-597
    - ix. Chevron TR 42-32-597
    - x. Chevron TR 12-33-597
    - xi. Chevron TR 312-33-597
    - xii. Chevron TR 412-33-597
  - Producing Wells located on the Chevron TR 41-32-597 pad:
    - i. Chevron TR 331-32-597
    - ii. Chevron TR 41-32-597
    - iii. Chevron TR 11-33-597
    - iv. Chevron TR 311-33-597
    - v. Chevron TR 411-33-597
    - vi. Chevron TR 511-33-597
5. Reclamation reference area is immediately adjacent to the location
6. Water Resources: Actual depth to ground water is no less than 150' from pad surface, as estimated by extrapolating water levels from existing wells in neighboring township T6S-R98W. Nearest water well is a domestic/stock well drilled in sec 10, T6S-R98W. This well shows a static water level of 46' and has an approximate elevation of 6200.' Subject pad has an elevation of 8259.3'
7. Pad is not located within a sensitive area as defined in the COGCC Final Amended Rules. Pad is not located in close proximity to shallow ground water, surface water, public water intakes,

domestic wells, ground water basins or surface water supply areas. The attached hydrology map shows 972' to the nearest blue line drainage and 564.82' to the nearest headwater of an ephemeral drainage.

8. Pad is currently scheduled for a September 1, 2010 spud date. Drilling rig release date is expected to be January 21, 2011. We anticipate completing these wells during the summer of 2011, followed by interim reclamation to begin no sooner than May 1, 2012. Drilling and completions timelines are subject to change in the event that Williams Production elects to pursue additional or fewer wells off this pad.
9. There will be a total of four pits on this pad. The lined reserve pit will be reclaimed after drilling activities are completed. The lined cuttings pit will not be used for containment of drilling fluids and will contain only solid material. After drilling operations are complete, the lined cuttings pit will be reclaimed. The lined frac pit will be used for completions operations, and will be reclaimed after all wells on the pad have been completed. The lined production pit will be constructed for use during completions operations, and will be left open for produced water evaporation. The Form 15 requesting authorization to construct a lined multi-well pit was submitted to the COGCC on the date of this electronic submission. There is a pending Form 27 submitted to authorize closure of the existing production pit.
10. All fluid pits will be lined, at a minimum, in accordance with the specifications set forth in the COGCC Final Amended Rules and the Notice To Operator for Pit Design, Construction and Monitoring Requirements within  $\frac{3}{4}$  mile of the Roan Plateau dated June 12, 2008. The base of all three fluid-containing pits will be constructed in cut material. As part of the pit application (Form 15), we have included Earthen Pit Construction and Synthetic Lining Plans and Specifications detailing how these pits will be constructed. A Professional Engineer will directly supervise construction of all four pits, and upon completion, a P.E. Certification will be issued for all three fluid-containing pits. Please refer to Pit Application for additional detail.
11. Cultural resource measurements taken as follows:
  - a. Distance to nearest building – measured to an intermittently occupied hunting cabin located in the SENW of sec 17: T5S-R97W.
  - b. Distance to nearest public road – measured to CR 211 located to the SE of the location.
  - c. Distance to nearest above ground utility – measured to the north edge of the town of Parachute. To the best of our knowledge, no above ground utilities are immediately proximate to the location.
  - d. Distance to nearest railroad – located on the other side of the Colorado River (to the SSW of the location).
  - e. Distance to the nearest property line – measured SE to the NWNE of Sec 1, T6S-R98W.