

Buffer Zone Best Management Practices (BMPs)
Creek 29-01 1 (Deepening an existing well)
API: 05-067-06681

Please note that the proposed drilling operation is to deepen an existing well at an existing location. The subject well was originally drilled and completed in 1984. As a result, BP is requesting exception to any mitigation measures contained in 604.c.(2) to the extent that they are not satisfied by the following proposed best management practices (BMP's).

- A. Noise – The proposed deepening operations will be performed with a workover rig and will be of very limited duration. Efforts will be made to confine the activity to daylight hours. The proposed operations will otherwise comply with Rule 802.a.
- B. Closed-loop Drilling Systems – No pits are planned as part of this deepening operation.
- C. Green Completions/Emission Control Systems - The proposed operation is only to deepen the well. No stimulation is planned. Following drilling of the additional footage, the well will be reconnected to the existing production facilities. Venting and/or flaring would only occur in an upset condition.
- D. Traffic Plan – This APD involves deepening of an existing well at an existing location. All equipment associated with the deepening operation will be transported using existing road access in accordance with applicable CDOT/La Plata County requirements.
- E. Multi-well Pads - This APD involves deepening of an existing well at an existing location.
- F. Leak Detection Plan – This existing well and facilities are covered by BP's operation-wide monitoring and integrity management programs.
- G. Berm Construction – This is an existing location with no produced water storage tanks.
- H. Blowout Prevention Equipment (BOPE) – BOPE will consist of a double ram with blind ram and pipe ram.
- I. BOPE Testing for Drilling Operations – BOPE will be tested upon initial rig up and at least once every 30 days during drilling operations.
- J. BOPE for Well Servicing Operations – Adequate BOPE will be used on all well servicing operations.
- K. Pit Level Indicators – No gain/loss indicators will be used since the drilling will be done with air.
- L. Drill Stem Tests – No drill stem tests will be performed.
- M. Fencing - This APD involves deepening of an existing well at an existing location. No fencing is planned for installation.
- N. Control of Fire Hazards – Any material not in use that might constitute a fire hazard will be removed at least 25 feet from the wellhead, tanks, and separators.
- O. Loadlines – Any loadlines will be plugged or capped
- P. Removal of Surface Trash – All surface trash, debris, scrap or discarded material connected with the operation will be removed from the premises and disposed of in a legal manner.
- Q. Guy Line Anchors – Guy line anchors will not be used for this operation.
- R. Tank Specifications – No crude oil or condensate storage is planned as a result of this operation.
- S. Access Roads – Access to this existing well and location will be through existing access roads. No improvements are planned.
- T. Well Site Cleared – Within 90 days after wells are plugged, the site will be cleared of non-essential equipment, trash and debris.
- U. Identification of Plugged and Abandoned Wells – Upon plugging, the well's location will be marked with a permanent monument in accordance with Rule 319.a.(5).
- V. Development from Existing Pads – The APD involves deepening of an existing well on an existing location.
- W. Site Specific Measures - This workover is planned as a continuous drill, daylight operation. Every effort will be made to complete the work within an 8 hour timeframe.