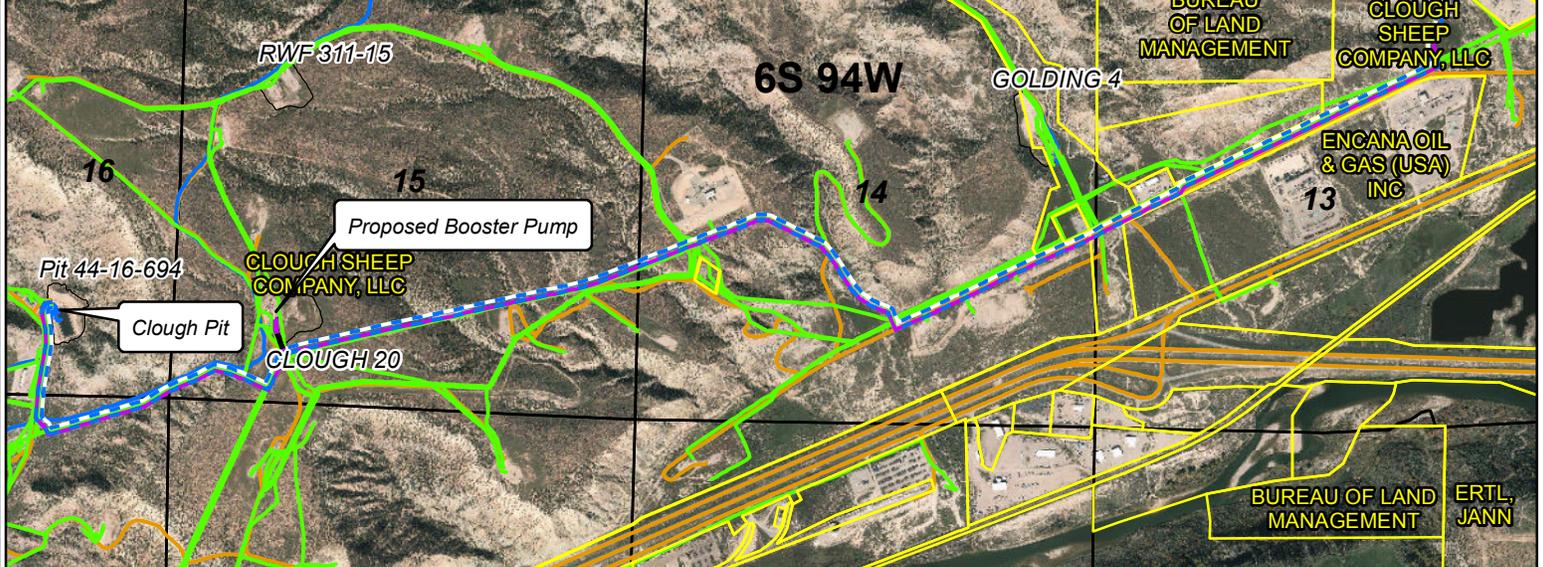
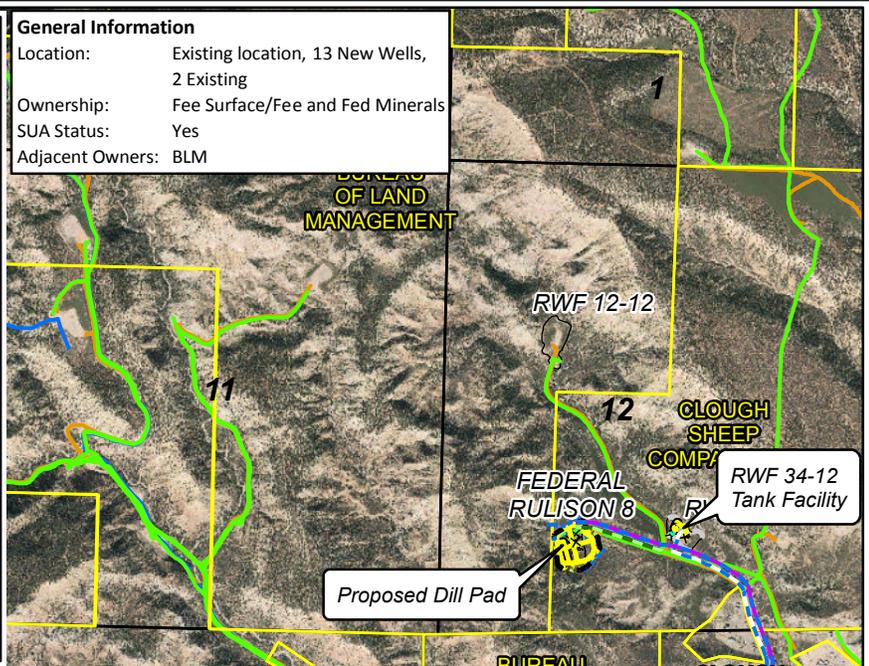


General Information
 Location: Existing location, 13 New Wells, 2 Existing
 Ownership: Fee Surface/Fee and Fed Minerals
 SUA Status: Yes
 Adjacent Owners: BLM



Plan of Development

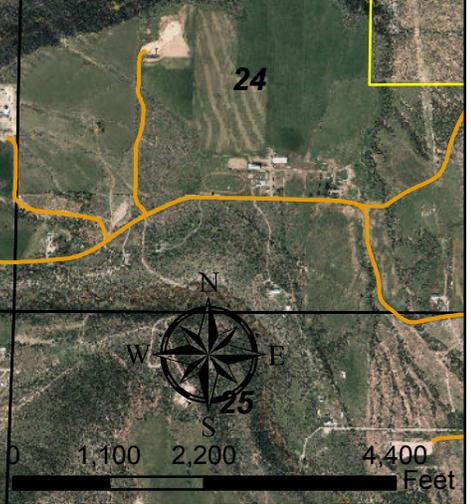
Access: Existing access road will be utilized with minor modifications at the pad entrance (see construction layout). Minor maintenance may be required along existing access roads prior to drilling visit.

Drill Cuttings: Drill cuttings will be managed and stored within a drilling pit located along the west side of the pad. See construction layout for details. Estimated cuttings volume is 7,800cy.

Completions: SIMOPS – NO; Flowback – On Pad; Completions will frac on location after drilling is complete. The Clough Pit will supply water to the Federal Rulison 8 via the proposed 10" HDPE Poly line (see pipeline details below). Two booster pumps and two frac tanks will be placed on the Clough 20 Pad to assist with frac water supply.

Production: Separators (3 Quads/3 Single (2 existing)) will be installed along the north side of the pad within a 75' x 30' area. Tanks (3-500bbl oil and 1-500bbl water) will be installed within a 40' x 40' lined steel containment structure located in the northwest corner of the pad. Condensate production will be stored on location. 1-48" ECD will be installed in a 10' x 10' area adjacent to the proposed separators. As described in the Plan of Development for the RWF 12-12 Pad, a tank battery will be installed on the RWF 34-12 Pad to support water storage from the Federal Rulison 8 Pad.

Pipeline: One 8" steel gas pipeline (approx. 1043') and one 4" flexpipe water pipeline (approx. 1041') will be installed following the existing pipeline corridor / access road to the tie-in point with the proposed 8" gas pipeline and 4" water pipeline proposed for the RWF 12-12 pad. Tie-in point will be south and west of the RWF 34-12 pad. One 10" HDPE Poly pipeline (approx. 23107') will be installed from the Clough Pit (Pit 44-16-694) to the Federal Rulison 8 Pad following existing pipeline corridors and access roads. 15-2" steel flowlines will be installed on pad between the wellheads and the separators. 3-2" flexpipe condensate dump lines and 1-2" flexpipe water dump line will be installed on pad between the separators and the tank battery. See pipeline overview map for additional details.



- Legend**
- Existing Fence
 - - - Proposed Cellar
 - Proposed Production Equipment
 - ▭ Proposed Drilling Pit
 - ▭ Proposed Pad Edge
 - ▭ Proposed Daylight Line
 - ▭ Proposed Road
 - ▭ Proposed Limit of Disturbance
 - ▭ Proposed TopSoil Stockpile
 - ▭ Drainage
 - ▭ Proposed Surface Water Line (1-10" HDPE Poly)
 - ▭ Proposed 8" Gas Pipeline
 - ▭ Proposed Water Pipeline (1-10" HDPE Poly)
 - ▭ Proposed Water Pipeline (1 - 6" Flexpipe)
 - ▭ Proposed Water Pipeline (1 - 4" Flexpipe)
 - ▭ Parcel Ownership
 - ▭ Existing Gas Pipeline
 - ▭ Existing Water Pipeline
 - ▭ Existing Road
 - ▭ Existing Pad

TEP Rocky Mountain LLC

Federal Rulison 8
Plan of Development
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June 5, 2019

