

Geologist Information

General: Existing location, 3 new wells (0 existing/11 total)
Ownership: Chevron surface/ fee minerals
SUA Status: Have; need to amend to eliminate production & frac pits and add tank storage & surface frac water supply line route. OK to drill.
Spacing Units: Unspaced
Adjacent Owners: Chevron, Shell, Renninger



Plan of Development

Access: Use existing access
Drilling: Efficiency rig; reserve pit will hold fresh water for drilling. No muds will be circulated in the existing lined pit. Pit will be reclaimed after the rig leaves as part of interim reclamation.
Cuttings: In pit on location or in cuttings management area. Cuttings will be buried on location (in fresh water pit or cuttings trench).
SIMOPS: No
Completion: Frac water will be supplied to the subject location from the TR 34-16-597 pad via proposed temporary surface 12" poly line. Wells will be fraced on location (remote water supply)
Flowback: Flowback to the TR 34-16-597 pad via existing buried 4" water lines
Prod Equip: Will need a 30'x51' area for units (1 quad, 1 low psi unit, and 1 dehy). Will need a 60 x 100' area for tanks - tankage used will be consistent with SDA amendment
Pipeline: Existing 4" gas and 2-4" water lines in place. Existing gas lines adequate for the 3 planned wells

Comment: Need to gain approval for production equipment placement from landowner and use of 10,000 BBL tank and 2-400 BBL oil tanks (potential visual impact issues). SDA amendment pending.

Legend

- Existing Road
- Proposed Production Equipment Area
- Existing Production Equipment
- Existing Limit of Disturbance
- Proposed Pad or Pit
- ■ ■ Proposed Frac Water Supply (12", Poly, Surface)
- Existing Pipeline
- Dual 4 in. Water Line
- Existing Road

Williams Production RMT

TR 11-1-698 Plan of Development

Date Prepared: July 5, 2011

