

**11/30/2017 - A27 Pipeline Release Monthly Progress Report**

**(Form 19 – Spill/Release Point: 446199)**

**(Form 19 Document Number: 401064094 and Form 19 Supplemental: 401068217)**

**(Form 27: Remediation Number: 9748)**

**(COGCC NOAV Doc# 401105510 – “Corrective Action - Operator shall submit Supplemental Form 27 progress reports on a monthly basis due the first business day of each month beginning October 3, 2016 for one year or until REM# 9748 has been closed.”)**

The following represents the status of the A27 Liquids Line Remediation Project during the month of November 2017.

- Event:
  - ~74 weeks since the A27 condition was discovered.
  - Water continues to flow from the spring (~ 25 gpm +/-)
  - Condensate recovery is at approximately 0—2.5 bbls/day – this is a slight increase from last month but overall is a slight decrease from the monthly recovery totals .
  - Condensate recovery to date: 1203 bbls (2 additional bbls collected since last month’s report)
- Regulatory:
  - Hunter Ridge Energy Services, LLC (HRES) submitted the last monthly progress report to COGCC on 11/1/2017.
  - HRES submitted the 2017 Quarter 3 Report for The A27 CDP Liquids Line Release Site on 11/1/2017.
  - HRES continues to work with and provide project information to cooperating agencies.
- Production:
  - No New developments
- Water Treatment Plan:
  - Ongoing discussions with CDPHE regarding issuance of a discharge permit
  - Water treatment system design work progressing toward completion
- Construction:
  - No new developments.
- Ecological and Remedial Assessments:
  - The air sparge system was installed in November and is operational. While it is operating successfully, it has had minimal effect on additional recovery of dissolved product
  - Sediment Sampling & Remediation Plan
    - No new developments
  - Groundwater Remediation Plan:
    - No new developments
  - Monitoring:
    - Q4 sampling and analyses were performed during the week of 11/13/2017.
  - Surface Land:
    - No new developments.