

PA 444-27 Wellbore Diagram

| Well | Pad | EU | API |
|-----------------|-----------------|-------------------|------------------|
| PA 444-27 | DOE 2-W-27 | | 05-045-22339 |
| EUR (MMCF) | CUM (MMCF) | REM (MMCF) | Spud Date |
| | | | 9/29/2014 |
| Land Owner | First Sales | Location | Initial Cleanout |
| | | SENE S27 T6S R95W | |
| Top Perf | Bottom Perf | Current EOT | EOT % |
| 6,352 | 8,378 | 8,192 | |
| Last Tag | Tag Info | Amount | Fill/Rathole |
| | | | |
| New Tbg Depth | New EOT % | ft from Tag | |
| | | | |
| | | | |
| Bottom Surf Csg | Bottom Prod Csg | Float Collar | |
| 2,966 | 8,603 | | |
| Average Inc | Max Inc | TOC | |
| | | 3,356 | |

PBTD @ 8474'
TMD @ 8614'
TVD @ 8342'
PBTV D @ 8202'

9-5/8" 32 ppf Csg. Set @ 2966' In 13-1/2" Hole w/ 730 Sks cmt

Tubing String: 2-3/8" Set @ 8192'

4-1/2", 11.6 ppf. Csg. Set @ 8603' w/ 1020 Sks cmt

