| Station | Original Elev. | 01 Elev. | 02 Elev. | 03 Elev. | 04 Elev. | 05 Elev. | 06 Elev. | 07 Elev. | 2008 Elevation | 2009 Elevation | Difference (original vs. 09) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RC 1-1 | 8284.64 | 8284.64 | 8284.23 | 8284.12 | 8283.95 | 8284.21 | 8284.121 | Monitoring Complete | | | -0.52 |
| Francis | 8544.89 | 8544.89 | 8544.89 | 8543.27 | 8543.23 | 8543.23 | Monitoring Complete | | | | -1.66 |
| RC 2-1 | 8389.38 | 8389.38 | 8387.05 | 8385.88 | 8386.62 | 8386.53 | 8386.546 | Monitoring Complete | | | -2.83 |
| RC-3A | 7984.44 | | 7984.44 | 7984.24 | 7981.52 | 7981.52 | 7981.514 | Monitoring Complete | | | -2.93 |
| RC-3B | 8421.35 | | 8421.35 | 8421.25 | 8421.26 | 8421.26 | Monitoring Complete | | | | -0.09 |
| RC-4A | 7952.68 | | 7952.68 | 7952.62 | 7950.77 | 7950.77 | 7950.619 | Monitoring Complete | | | -2.06 |
| RC-4B | 8470.92 | | 8470.92 | 8470.82 | 8470.63 | 8470.63 | Monitoring Complete | | | | -0.29 |
| GIL 1 | 8246.75 | | | 8246.75 | 8246.66 | 8246.33 | 8246.33 | 8,246.40 | 8,246.43 | Monitoring Complete | -0.32 |
| GIL 2 | 8232.40 | | | | 8232.40 | 8231.12 | 8231.08 | 8,231.19 | 8,231.23 | Monitoring Complete | -1.17 |
| GIL 3 | 8452.99 | | | | 8452.99 | 8451.84 | 8448.95 | 8,449.00 | 8,448.97 | Monitoring Complete | -4.02 |
| GIL 4 | 8230.50 | | | | 8230.50 | 8230.38 | 8225.99 | 8,225.01 | 8,225.00 | Monitoring Complete | -5.50 |
| GIL 4A | 8041.61 | | | | | 8041.61 | 8038.82 | 8,038.87 | 8,038.85 | Monitoring Complete | -2.76 |
| GIL 5 | 7760.51 | | | | | | 7760.51 | 7759.87 | 7759.87 | Monitoring Complete | -0.64 |
| GIL 6 | 7527.96 | | | | | | | 7527.96 | 7527.94 | 7527.14 | -0.82 |
| GIL 7 | 8031.93 | | | | | | | | 8031.93 | 8031.10 | -0.83 |
| GIL 8 | 8240.53 | | | | | | | | 8240.53 | 8240.53 | 0.00 |
| GIL 10 | 8117.09 | | | | | | | | | 8117.09 | 0.00 |

Note: Coordinates and elevations provided by:

Ware Surveying, L.L.C.
1344 North 1000 West
Price, UT 84501

Field work was completed June 15, 2009.

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In C0070037 2010 Incoming
For additional information

REGISTERED PROFESSIONAL ENGINEER
No. 151610
DAVID G. SPILLMAN
3/24/10
STATE OF UTAH

# SUBSIDENCE REPORT 2009

**Canyon Fuel Company, LLC**
**Dugout Mine**

| | | | |
|---|---|---|---|
| P.O. BOX 1029 WELLINGTON, UTAH 84542 435-637-6360 | Date: June 22, 2009 | Checked By: | REVISION: |
| CAD File: Y:\STV\Subsidence\2009\ subsidence report 2009.dwg | Scale: 1" = 1000' | Drawn By: S.T.V. | |