



August 1, 2005

Ms. Debbie Baldwin
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, Colorado 80203

RE: June 3, 2005 Methane Seep Survey
Bondad, Colorado

Dear Ms. Baldwin:

LT Environmental, Inc. (LTE) is pleased to provide the Colorado Oil and Gas Conservation Commission (COGCC) with this letter summarizing the results of the third methane seep survey conducted at the Bondad Gas Seep Site (Site) located in Bondad, Colorado during the week of June 10, 2005.

BACKGROUND

At the request of the COGCC, LTE was tasked to conduct an initial methane gas seep survey on the Site in February 2005. The initial methane seep survey was performed in response to an explosion of a residence located at 4034 US Highway 550 (Yoakum Residence). During the period from February 21 through February 24, 2005, LTE conducted soil gas survey activities in the project area extending approximately 3,000 feet in all directions from the Nick Spatter Bryce Farm #1 (NSBF #1) production well (Figure 1). The results of the initial soil gas survey are presented in the *Methane Seep Survey Report* (March 2005). On April 19, 2005 LTE performed second methane seep survey of the Site. A letter summarizing the results from the second survey was provided to the COGCC on June 3, 2005. All reports are available on the COGCC website at www.oil-gas.state.co.us.

SITE DESCRIPTION

The Site is located in Bondad, Colorado, approximately 20 miles south of Durango, Colorado (Figure 1). The Site is located approximately 0.25 miles north of the confluence of the Animas River to the west and the Florida River to the east. The Site consists of several tracts of land covering more than 100 acres. The project area land use consists of residential properties, a fire station, US Highway 550, the Animas River, and the Florida River. The majority of land is privately owned. Figure 1 displays the Site layout.

LT Environmental, Inc.

Compliance • Engineering • Remediation

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METHANE GAS SEEP SURVEY

Methodology

On June 10, 2005, LTE was on site to conduct a third methane gas seep survey of the Site. The scope of the survey was similar to the survey conducted at the Site during April 2005. During the most recent soil gas survey, tubing was lowered into each borehole and gas measurements were collected directly from the shallow surface soil approximately three feet below ground surface (bgs).

LTE created a sampling grid to cover the mapping area systematically and to provide a means to delineate the extent of the gas seepage. The grid consisted of 93 squares, each measuring approximately 10,000 square feet in area. LTE collected a soil gas measurement at the corners of each square in the grid. Each sample location was recorded using a Trimble GeoXT[®] global positioning system (GPS). When methane was detected along the edges of the grid, additional measurements were collected outside of the grid to better define the extent of the seep area. LTE also collected methane measurements around the exterior of the three houses located to the east of the former Yoakum residence and near the water wells associated with each of the three houses.

Stressed or dead vegetation observations were also collected using the Trimble GeoXT[®] GPS. The data collected consisted of stressed juniper and cottonwood trees, dead pine and dead cottonwood trees, and an area of stressed vegetation. Figure 1 shows the stressed or dead vegetation observations.

Soil Gas Survey Results

On June 10, 2005, LTE personnel advanced a total of 139 subsurface probes across the project area. Results of this survey indicated that elevated methane gas was detected in an elliptically-shaped area centered over the NSBF#1 well and covering approximately 14 acres. Detected methane concentrations in the elliptically-shaped seep area ranged from 1,500 parts per million (ppm) (0.15% methane) to 810,000 ppm (81% methane).

Outside of the elliptically-shaped seep area, methane was also detected at one location near the Cain 31-2 coal bed methane (CBM) production well at a concentration of 500 ppm (0.05% methane). Methane was detected near the Budhue water well at a concentration of 880,000 ppm (88% methane). Methane was not detected in the subsurface around the outside of the other two water wells which are associated with the Bennett and Grant Properties; however the groundwater with each of the water wells contain elevated concentrations of methane. Figure 1 shows all methane concentrations recorded during the June 2005 methane seep survey. Field data from the June 2005 mapping event are presented in Attachment 1.



Methane Seep Survey Comparison

The number of soil gas measurements collected during the April 2005 methane seep survey and the June 2005 methane seep survey were consistent at 136 and 139 points, respectively. The grid created for the April 2005 methane seep survey allowed LTE to conduct field activities more efficiently and systematically.

The results of the June 2005 soil gas survey varied slightly as compared to the results of the April 2005 soil gas survey. Unlike the April 2005 survey, methane was not detected in the flood plain of the Animas River near the natural springs. Methane was detected near the Cain 31-2 CBM production well and the subsurface methane concentration was lower than during the April monitoring event. The majority of methane continued to be detected in an elliptically-shaped seep area centered over the NSBF#1 well.

In general, the concentrations of methane recorded during the June 2005 soil gas survey were slightly lower than the concentrations recorded during the April 2005 survey. The lower concentrations are most likely due to a drop in the groundwater level. The lower groundwater level results in a larger volume of unsaturated material through which the methane diffuses and becomes more diluted with air. The variance in concentrations observed between the two measurements is more likely related to water level fluctuations than to a decreasing trend in gas seepage.

CONCLUSIONS AND RECOMMENDATIONS

The extent of seep activity has remained relatively unchanged since the initial sampling event. Seep activity appears to be associated with the NSBF#1 well based on the current concentrations and extent of impact. Soil gas survey measurement protocols appear to have an effect on the reported concentration. LTE recommends the downhole measurement of gas concentrations over surface measurements, whenever possible.

Based on the results of the most recent methane seep survey and the natural spring survey, it appears that an area of trapped methane gas is present beneath the sandstone layer. It is likely that the sandstone unit is acting as a vertical confining layer, forcing the methane gas to migrate horizontally towards the valley of the Animas River and northward (updip) to create the elliptically-shaped seepage plume.

Conceptually, it appears that gas is migrating vertically using the NSBF#1 as the primary conduit. Varying permeability and well plugging efficiency allows for horizontal migration of seeping gas. The sandstone layer may also be acting as a trap of seeping methane gas. The increased radius of surface methane seepage is believed to be a result of trapped gas beneath the sandstone layer and the underlying weathered shale layers.



Other potential conduits such as the Cain 31-2; the water wells located at nearby residences; and at the fire station also appear to act as conduits for the vertical migration of methane gas along multiple horizons. However, the gas migrating in the water wells appears to be derived from deeper impacted groundwater horizons as a result of the NSBF#1 seeping gas into a subsurface aquifer rather than the near-surface methane seep.

LTE recommends continued monitoring of the methane seep at the Site on a quarterly basis as a safety precaution for the people living in the area. The grid mapping system will continue to be used during future seep surveys in an effort to remain consistent and systematic in the field techniques. The next seep survey is proposed for September 2005.

LTE also recommends continued operation and maintenance (O&M) of the existing methane detection systems in the four houses and the fire station located within the project area. The monthly O&M will continue to be conducted by Standby Safety of Cortez, Colorado.

Currently, LTE is scheduled to conduct excavation activities in the seep area as a result of the findings from the geophysical survey. The excavation activities will assist in determining the presence or absence of subsurface conduits affecting the seepage of methane gas other than the NSBF#1 well.

LTE appreciates the opportunity to provide environmental services to the COGCC. If you have any questions regarding this report or would like additional information, please contact us at (303) 433-9788.

Sincerely,

LT ENVIRONMENTAL, INC.

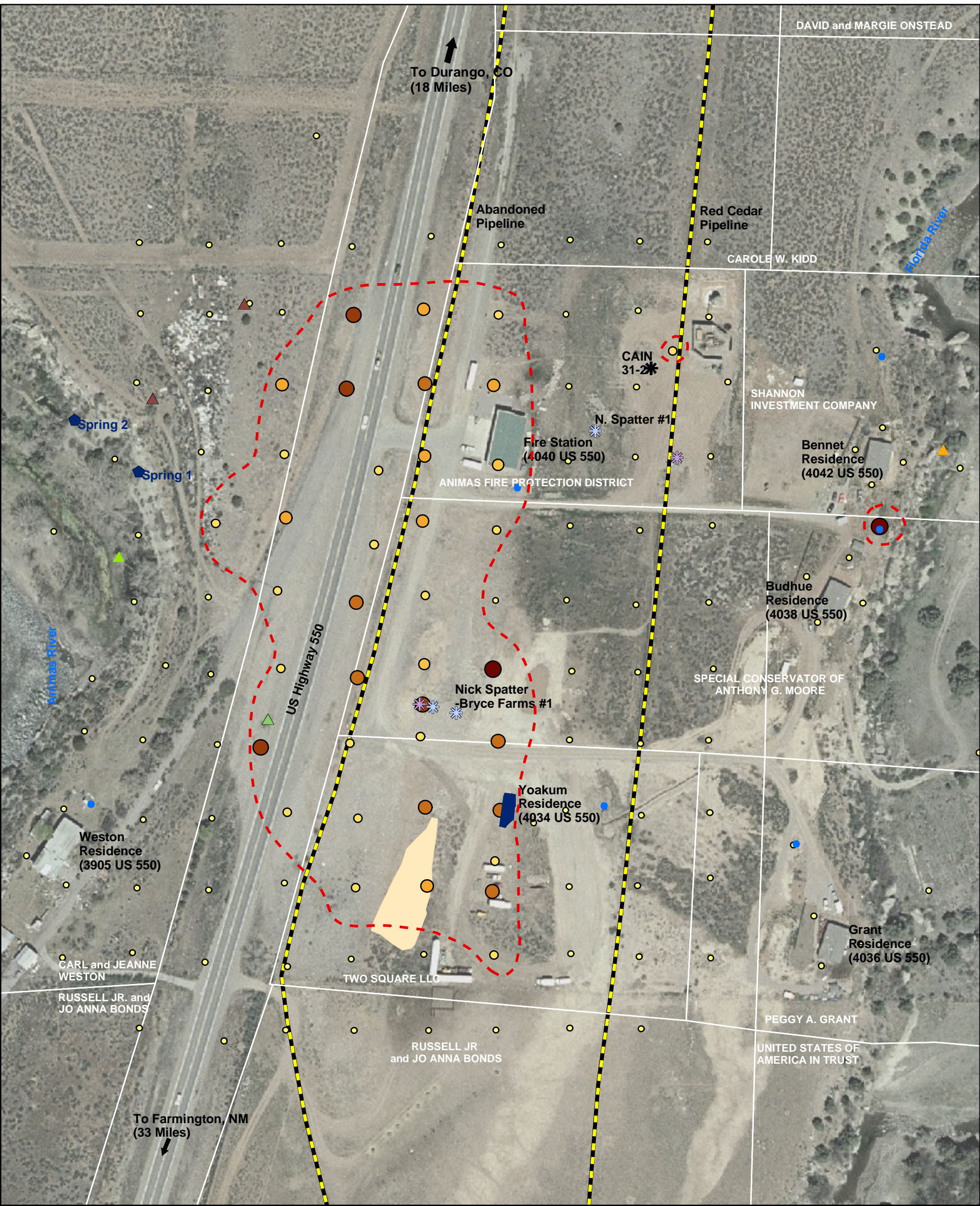
A handwritten signature in black ink, appearing to read 'John D. Peterson', is located below the company name.

John D. Peterson, P.G.
Project Manager

Attachments (1)

FIGURE





LEGEND

- Water Supply Well
- * Gas Well
- ✱ Potential Former Oil and Gas Well
- ✱ Former Oil and Gas Well
- Trees
 - ▲ Stressed Juniper
 - ▲ Stressed Cottonwood
 - ▲ Dead Pine
 - ▲ Dead Cottonwood
- Vegetation
 - Stressed Vegetation
- Extent of Methane Seepage April 19, 2005
- Landowner and Property Boundaries Labeled in White
- Subsurface Methane Gas
 - 0 ppm
 - 1 ppm - 5%
 - 5% - 15%
 - 15% - 25%
 - 25% - 50%
 - 50% - 75%
 - 75% - 100%
- ◆ Natural Spring location
- Yoakum Residence
- Utilities
 - Buried Gas Pipeline

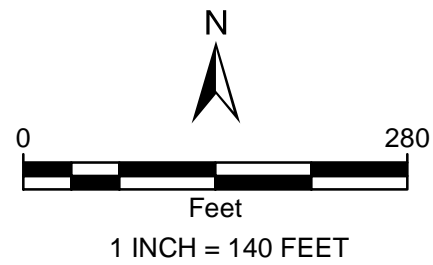


FIGURE 1
SUBSURFACE METHANE MEASUREMENTS
JUNE 10, 2005
BONDAD GAS SEEP
BONDAD, CO

ATTACHMENT 1
METHANE SURVEY SEEP DATA



Attachment 1
June 2005
Methane Seep Survey Data

| Point ID | Date | Northing | Easting | Elevation | Subsurface CH ₄ (ppm) | Subsurface O ₂ (%) | Subsurface H ₂ S (ppm) | Subsurface CO (ppm) |
|----------|-----------|-------------|-------------|-----------|----------------------------------|-------------------------------|-----------------------------------|---------------------|
| 1 | 6/10/2005 | 1149537.624 | 2307796.990 | 6036.440 | 0.0 | 20 | 0 | 0 |
| 2 | 6/10/2005 | 1149649.951 | 2307796.810 | 6039.081 | 0.0 | 20 | 0 | 0 |
| 3 | 6/10/2005 | 1149741.312 | 2307795.568 | 6041.701 | 0.0 | 20 | 0 | 0 |
| 4 | 6/10/2005 | 1149842.778 | 2307793.998 | 6043.469 | 0.0 | 20 | 0 | 0 |
| 5 | 6/10/2005 | 1149942.603 | 2307801.105 | 6043.579 | 0.0 | 21 | 0 | 0 |
| 6 | 6/10/2005 | 1150035.661 | 2307794.345 | 6045.267 | 0.0 | 21 | 0 | 0 |
| 7 | 6/10/2005 | 1150143.546 | 2307799.556 | 6041.724 | 0.0 | 20 | 0 | 0 |
| 8 | 6/10/2005 | 1150239.861 | 2307796.975 | 6045.198 | 0.0 | 20 | 0 | 0 |
| 9 | 6/10/2005 | 1150344.431 | 2307821.194 | 6045.507 | 0.0 | 20 | 0 | 0 |
| 10 | 6/10/2005 | 1150435.299 | 2307794.471 | 6047.204 | 0.0 | 21 | 0 | 0 |
| 11 | 6/10/2005 | 1150540.507 | 2307792.574 | 6047.364 | 0.0 | 21 | 0 | 0 |
| 12 | 6/10/2005 | 1150541.153 | 2307697.695 | 6049.336 | 0.0 | 21 | 0 | 0 |
| 13 | 6/10/2005 | 1150443.893 | 2307695.313 | 6047.166 | 0.0 | 21 | 0 | 0 |
| 14 | 6/10/2005 | 1150336.998 | 2307693.111 | 6047.226 | 0.0 | 21 | 0 | 0 |
| 15 | 6/10/2005 | 1150387.422 | 2307744.179 | 6048.863 | 500.0 | 21 | 0 | 0 |
| 16 | 6/10/2005 | 1150239.322 | 2307691.858 | 6050.719 | 0.0 | 21 | 0 | 0 |
| 17 | 6/10/2005 | 1150136.644 | 2307697.629 | 6048.640 | 0.0 | 20 | 0 | 0 |
| 18 | 6/10/2005 | 1150032.354 | 2307692.575 | 6048.200 | 0.0 | 21 | 0 | 0 |
| 19 | 6/10/2005 | 1149937.995 | 2307694.809 | 6046.168 | 0.0 | 21 | 0 | 0 |
| 20 | 6/10/2005 | 1149838.081 | 2307698.743 | 6041.871 | 0.0 | 21 | 0 | 0 |
| 21 | 6/10/2005 | 1149737.541 | 2307700.123 | 6040.514 | 0.0 | 21 | 0 | 0 |
| 22 | 6/10/2005 | 1149639.173 | 2307694.569 | 6037.926 | 0.0 | 21 | 0 | 0 |
| 23 | 6/10/2005 | 1149539.689 | 2307696.595 | 6040.410 | 0.0 | 21 | 0 | 0 |
| 24 | 6/10/2005 | 1149543.907 | 2307600.887 | 6041.145 | 0.0 | 21 | 0 | 0 |
| 25 | 6/10/2005 | 1149637.720 | 2307598.789 | 6045.584 | 0.0 | 20 | 0 | 0 |
| 26 | 6/10/2005 | 1149744.522 | 2307594.072 | 6044.382 | 0.0 | 20 | 0 | 0 |
| 27 | 6/10/2005 | 1149727.456 | 2307549.075 | 6045.261 | 0.0 | 20 | 0 | 0 |
| 28 | 6/10/2005 | 1149843.079 | 2307599.207 | 6043.490 | 0.0 | 20 | 0 | 0 |
| 29 | 6/10/2005 | 1149939.346 | 2307602.510 | 6046.068 | 0.0 | 20 | 0 | 0 |
| 30 | 6/10/2005 | 1150038.873 | 2307595.417 | 6044.902 | 0.0 | 20 | 0 | 0 |
| 31 | 6/10/2005 | 1150143.114 | 2307600.177 | 6045.692 | 0.0 | 20 | 0 | 0 |
| 32 | 6/10/2005 | 1150233.630 | 2307597.434 | 6049.765 | 0.0 | 20 | 0 | 0 |
| 33 | 6/10/2005 | 1150338.097 | 2307598.342 | 6052.349 | 0.0 | 21 | 0 | 0 |
| 34 | 6/10/2005 | 1150438.871 | 2307594.405 | 6053.622 | 0.0 | 21 | 0 | 0 |
| 35 | 6/10/2005 | 1150542.955 | 2307600.339 | 6056.755 | 0.0 | 21 | 0 | 0 |
| 36 | 6/10/2005 | 1150536.188 | 2307503.571 | 6058.097 | 0.0 | 21 | 0 | 0 |
| 37 | 6/10/2005 | 1150438.207 | 2307499.959 | 6059.829 | 2000.0 | 20 | 0 | 0 |
| 38 | 6/10/2005 | 1150339.496 | 2307493.360 | 6056.114 | 240000.0 | 14 | 0 | 0 |
| 39 | 6/10/2005 | 1150228.406 | 2307499.087 | 6058.637 | 120000.0 | 17 | 0 | 0 |
| 40 | 6/10/2005 | 1150136.936 | 2307497.640 | 6055.703 | 1500.0 | 20 | 0 | 0 |
| 41 | 6/10/2005 | 1150038.281 | 2307495.922 | 6051.084 | 0.0 | 21 | 0 | 0 |
| 42 | 6/10/2005 | 1149942.410 | 2307492.270 | 6047.694 | 810000.0 | 5 | 0 | 0 |
| 43 | 6/10/2005 | 1149841.161 | 2307499.256 | 6044.890 | 350000.0 | 15 | 0 | 0 |
| 44 | 6/10/2005 | 1149744.776 | 2307501.922 | 6045.380 | 370000.0 | 14 | 0 | 0 |
| 45 | 6/10/2005 | 1149673.582 | 2307495.241 | 6046.097 | 50000.0 | 19 | 0 | 0 |
| 46 | 6/10/2005 | 1149631.226 | 2307491.472 | 6042.895 | 490000.0 | 7 | 0 | 0 |
| 47 | 6/10/2005 | 1149542.208 | 2307493.852 | 6043.505 | 17000.0 | 6 | 0 | 0 |
| 49 | 6/10/2005 | 1149543.098 | 2307395.295 | 6043.931 | 0.0 | 21 | 0 | 0 |
| 50 | 6/10/2005 | 1149638.580 | 2307399.646 | 6044.060 | 210000.0 | 12 | 0 | 0 |
| 51 | 6/10/2005 | 1149748.779 | 2307397.705 | 6047.592 | 380000.0 | 13 | 0 | 0 |
| 52 | 6/10/2005 | 1149847.697 | 2307390.718 | 6049.838 | 25000.0 | 19 | 0 | 0 |
| 53 | 6/10/2005 | 1149892.477 | 2307393.651 | 6051.565 | 620000.0 | 8 | 0 | 0 |
| 54 | 6/10/2005 | 1149949.108 | 2307395.965 | 6052.599 | 80000.0 | 19 | 0 | 0 |
| 55 | 6/10/2005 | 1150045.240 | 2307397.654 | 6051.737 | 40500.0 | 18 | 0 | 0 |
| 56 | 6/10/2005 | 1150149.508 | 2307393.682 | 6053.306 | 200000.0 | 17 | 0 | 0 |
| 57 | 6/10/2005 | 1150240.446 | 2307396.792 | 6051.802 | 230000.0 | 16 | 0 | 0 |
| 58 | 6/10/2005 | 1150341.699 | 2307396.938 | 6055.115 | 380000.0 | 15 | 0 | 0 |
| 59 | 6/10/2005 | 1150445.806 | 2307395.360 | 6053.801 | 220000.0 | 16 | 0 | 0 |
| 60 | 6/10/2005 | 1150548.175 | 2307405.266 | 6056.020 | 0.0 | 20 | 0 | 0 |
| 61 | 6/10/2005 | 1150533.787 | 2307294.884 | 6060.884 | 0.0 | 19 | 0 | 0 |
| 62 | 6/10/2005 | 1150438.024 | 2307297.011 | 6057.701 | 620000.0 | 7 | 0 | 0 |
| 63 | 6/10/2005 | 1150334.894 | 2307287.312 | 6057.564 | 600000.0 | 7 | 0 | 0 |
| 64 | 6/10/2005 | 1150220.547 | 2307331.941 | 6056.933 | 23000.0 | 19 | 0 | 0 |
| 65 | 6/10/2005 | 1150116.604 | 2307325.740 | 6055.945 | 36000.0 | 20 | 0 | 0 |
| 66 | 6/10/2005 | 1150035.494 | 2307301.075 | 6054.403 | 270000.0 | 14 | 0 | 0 |
| 67 | 6/10/2005 | 1149930.419 | 2307302.355 | 6054.363 | 320000.0 | 14 | 0 | 0 |
| 68 | 6/10/2005 | 1149838.408 | 2307291.963 | 6051.619 | 50000.0 | 20 | 0 | 0 |
| 69 | 6/10/2005 | 1149733.537 | 2307302.990 | 6045.061 | 19500.0 | 19 | 0 | 0 |
| 70 | 6/10/2005 | 1149636.141 | 2307299.861 | 6045.190 | 50000.0 | 18 | 0 | 0 |
| 71 | 6/10/2005 | 1149536.306 | 2307293.922 | 6047.282 | 0.0 | 21 | 0 | 0 |
| 72 | 6/10/2005 | 1149526.345 | 2307204.372 | 6041.352 | 0.0 | 21 | 0 | 0 |
| 73 | 6/10/2005 | 1149643.066 | 2307200.026 | 6042.332 | 0.0 | 21 | 0 | 0 |
| 74 | 6/10/2005 | 1149741.866 | 2307204.359 | 6044.570 | 36500.0 | 18 | 0 | 0 |
| 76 | 6/10/2005 | 1149832.795 | 2307166.859 | 6047.754 | 590000.0 | 7 | 0 | 0 |
| 77 | 6/10/2005 | 1149942.897 | 2307195.206 | 6047.812 | 25500.0 | 18 | 0 | 0 |
| 78 | 6/10/2005 | 1150052.019 | 2307190.479 | 6052.986 | 33500.0 | 17 | 0 | 0 |

Attachment 1
June 2005
Methane Seep Survey Data

| Point ID | Date | Northing | Easting | Elevation | Subsurface CH ₄ (ppm) | Subsurface O ₂ (%) | Subsurface H ₂ S (ppm) | Subsurface CO (ppm) |
|----------|-----------|-------------|-------------|-----------|----------------------------------|-------------------------------|-----------------------------------|---------------------|
| 79 | 6/10/2005 | 1150154.114 | 2307202.527 | 6054.728 | 190000.0 | 14 | 0 | 0 |
| 80 | 6/10/2005 | 1149733.447 | 2307098.883 | 6036.882 | 0.0 | 21 | 0 | 0 |
| 81 | 6/10/2005 | 1149633.021 | 2307093.803 | 6038.023 | 0.0 | 21 | 0 | 0 |
| 82 | 6/10/2005 | 1149532.230 | 2307088.899 | 6042.453 | 0.0 | 21 | 0 | 0 |
| 83 | 6/10/2005 | 1149421.877 | 2307115.282 | 6032.296 | 0.0 | 21 | 0 | 0 |
| 84 | 6/10/2005 | 1149436.756 | 2307201.765 | 6039.223 | 0.0 | 21 | 0 | 0 |
| 85 | 6/10/2005 | 1149436.319 | 2307297.757 | 6049.608 | 0.0 | 21 | 0 | 0 |
| 86 | 6/10/2005 | 1149436.488 | 2307402.077 | 6042.452 | 0.0 | 17 | 0 | 0 |
| 87 | 6/10/2005 | 1149436.842 | 2307496.418 | 6040.950 | 0.0 | | 0 | 0 |
| 88 | 6/10/2005 | 1149439.895 | 2307599.909 | 6039.343 | 0.0 | 21 | 0 | 0 |
| 89 | 6/10/2005 | 1149439.039 | 2307699.562 | 6040.514 | 0.0 | 21 | 0 | 0 |
| 90 | 6/10/2005 | 1149527.256 | 2307952.058 | 6040.614 | 0.0 | 21 | 0 | 0 |
| 91 | 6/10/2005 | 1149557.966 | 2308006.917 | 6038.213 | 0.0 | 21 | 0 | 0 |
| 92 | 6/10/2005 | 1149596.857 | 2307941.611 | 6038.484 | 0.0 | 21 | 0 | 0 |
| 93 | 6/10/2005 | 1149696.261 | 2307912.821 | 6042.616 | 0.0 | 21 | 0 | 0 |
| 95 | 6/10/2005 | 1150007.894 | 2307946.570 | 6041.378 | 0.0 | 21 | 0 | 0 |
| 96 | 6/10/2005 | 1150072.024 | 2307931.173 | 6042.296 | 0.0 | 21 | 0 | 0 |
| 97 | 6/10/2005 | 1150098.309 | 2307991.162 | 6039.671 | 0.0 | 21 | 0 | 0 |
| 98 | 6/10/2005 | 1150034.615 | 2308010.314 | 6038.516 | 0.0 | 21 | 0 | 0 |
| 100 | 6/10/2005 | 1150141.830 | 2308033.325 | 6037.816 | 880000.0 | 2 | 0 | 0 |
| 101 | 6/10/2005 | 1150200.286 | 2308022.558 | 6040.128 | 0.0 | 20 | 0 | 0 |
| 102 | 6/10/2005 | 1150249.471 | 2307999.458 | 6048.176 | 0.0 | 21 | 0 | 0 |
| 103 | 6/10/2005 | 1150280.190 | 2308037.586 | 6042.363 | 0.0 | 21 | 0 | 0 |
| 104 | 6/10/2005 | 1150231.896 | 2308066.473 | 6043.577 | 0.0 | 20 | 0 | 0 |
| 106 | 6/10/2005 | 1150388.460 | 2308028.660 | 6043.521 | 0.0 | 21 | 0 | 0 |
| 107 | 6/10/2005 | 1150265.914 | 2308239.328 | 6010.899 | 0.0 | 21 | 0 | 0 |
| 109 | 6/10/2005 | 1150223.505 | 2308146.473 | 6009.586 | 0.0 | 21 | 0 | 0 |
| 112 | 6/10/2005 | 1149991.560 | 2308222.140 | 6012.851 | 0.0 | 21 | 0 | 0 |
| 113 | 6/10/2005 | 1149825.518 | 2308173.025 | 6004.551 | 0.0 | 21 | 0 | 0 |
| 115 | 6/10/2005 | 1149632.167 | 2308102.711 | 6000.434 | 0.0 | 20 | 0 | 0 |
| 116 | 6/10/2005 | 1149935.021 | 2307097.180 | 6050.966 | 0.0 | 21 | 0 | 0 |
| 117 | 6/10/2005 | 1149836.573 | 2307106.271 | 6042.368 | 0.0 | 21 | 0 | 0 |
| 118 | 6/10/2005 | 1149842.982 | 2307002.255 | 6036.332 | 0.0 | 21 | 0 | 0 |
| 119 | 6/10/2005 | 1149731.803 | 2307002.512 | 6045.337 | 0.0 | 21 | 0 | 0 |
| 120 | 6/10/2005 | 1149635.771 | 2306993.409 | 6041.175 | 0.0 | 21 | 0 | 0 |
| 121 | 6/10/2005 | 1149545.110 | 2306987.392 | 6042.300 | 0.0 | 21 | 0 | 0 |
| 122 | 6/10/2005 | 1149439.731 | 2306996.965 | 6041.593 | 0.0 | 21 | 0 | 0 |
| 123 | 6/10/2005 | 1149538.319 | 2306889.271 | 6037.113 | 0.0 | 21 | 0 | 0 |
| 124 | 6/10/2005 | 1149640.007 | 2306894.701 | 6040.818 | 0.0 | 21 | 0 | 0 |
| 125 | 6/10/2005 | 1149746.760 | 2306891.286 | 6041.509 | 0.0 | 21 | 0 | 0 |
| 126 | 6/10/2005 | 1149681.188 | 2306839.177 | 6040.214 | 0.0 | 21 | 0 | 0 |
| 127 | 6/10/2005 | 1149855.339 | 2306920.469 | 6041.823 | 0.0 | 21 | 0 | 0 |
| 128 | 6/10/2005 | 1149947.371 | 2307033.873 | 6045.680 | 0.0 | 21 | 0 | 0 |
| 129 | 6/10/2005 | 1150043.262 | 2307093.719 | 6049.317 | 0.0 | 20 | 0 | 0 |
| 130 | 6/10/2005 | 1150146.262 | 2307103.829 | 6050.903 | 7000.0 | 13 | 0 | 0 |
| 131 | 6/10/2005 | 1150242.964 | 2307200.101 | 6056.732 | 2500.0 | 20 | 0 | 0 |
| 132 | 6/10/2005 | 1150340.393 | 2307196.739 | 6058.603 | 180000.0 | 16 | 0 | 0 |
| 133 | 6/10/2005 | 1150441.731 | 2307197.370 | 6058.759 | 0.0 | 20 | 0 | 0 |
| 134 | 6/10/2005 | 1150538.067 | 2307195.785 | 6058.199 | 0.0 | 21 | 0 | 0 |
| 135 | 6/10/2005 | 1150688.745 | 2307244.954 | 6059.372 | 0.0 | 21 | 0 | 0 |
| 136 | 6/10/2005 | 1150536.266 | 2307094.516 | 6046.579 | 0.0 | 21 | 0 | 0 |
| 137 | 6/10/2005 | 1150539.136 | 2306997.128 | 6048.873 | 0.0 | 21 | 0 | 0 |
| 138 | 6/10/2005 | 1150440.063 | 2306998.550 | 6048.790 | 0.0 | 21 | 0 | 0 |
| 139 | 6/10/2005 | 1150438.761 | 2307095.315 | 6046.964 | 0.0 | 21 | 0 | 0 |
| 141 | 6/10/2005 | 1150454.578 | 2307151.333 | 6054.383 | 0.0 | 21 | 0 | 0 |
| 142 | 6/10/2005 | 1150332.247 | 2307093.093 | 6045.134 | 0.0 | 21 | 0 | 0 |
| 143 | 6/10/2005 | 1150246.145 | 2307083.616 | 6045.648 | 0.0 | 21 | 0 | 0 |
| 144 | 6/10/2005 | 1150343.294 | 2306993.085 | 6042.951 | 0.0 | 21 | 0 | 0 |
| 146 | 6/10/2005 | 1150236.124 | 2306962.802 | 6007.351 | 0.0 | 19 | 0 | 0 |
| 147 | 6/10/2005 | 1150130.032 | 2306995.609 | 6005.806 | 0.0 | 17 | 0 | 0 |
| 149 | 6/10/2005 | 1150036.640 | 2306989.809 | 6003.035 | 0.0 | 19 | 0 | 0 |
| 150 | 6/10/2005 | 1150135.217 | 2306877.296 | 5998.919 | 0.0 | 14 | 0 | 0 |
| 151 | 6/10/2005 | 1149928.932 | 2306931.106 | 5999.716 | 0.0 | 21 | 0 | 0 |

Notes: CH₄ - methane
O₂ - oxygen
H₂S - hydrogen sulfide
CO - carbon monoxide