



May 24, 2012

Steven Lindblom
Colorado Oil and Gas Conservation Commission
1120 Lincoln, Suite 801
Denver, CO 80203

Re: Closure request for remediation project number 6706
Cantrall 35-11 API # 05-125-11245
NESW/4, Sec. 35-T1S-R44W, 6th pm
Yuma County, Colorado

Steve,

We would like to request closure on the above referenced well. The Soil analysis submitted with Form 27 on 11/08/11 had PH & SAR levels outside the allowable limits per the COGCC Table 910-1. The area was treated per the recommendation on the Form 27. The location was resampled on 04/21/12 and the levels are now within the allowable limits of the COGCC Table 910-1.

We feel no treatment or further sampling is required, but will continue to monitor the location for re-growth and/or erosion and take any necessary measures to promote the reclamation of the affected area.

If you have any questions or require additional information please feel free to contact me.

Sincerely,

Augustus Energy Partners, LLC

Loni J. Davis
Operations Accounting and Regulatory Specialist

cc: AEP Well File

SOIL ANALYSIS REPORT



6921 S. Bell
Amarillo, TX 79109
800.557.7509
806.677.0093
Fax 806.677.0329

| | |
|------------------------|---|
| CLIENT: 6224 | ENVIRO-AG ENGINEERING INC 3404 AIRWAY BLVD AMARILLO, TX 79118 |
|------------------------|---|

| | |
|-----------------------|-----------|
| LAB NO: | 35363 |
| INVOICE NO: | 121224 |
| DATE RECEIVED: | 4/25/2012 |
| DATE REPORTED: | 5/3/2012 |

SOIL ANALYSIS RESULTS FOR: AUGUSTUS ENERGY **FIELD IDENTIFICATION:** CANTRALL 35-11 Proj # 6706

| METHOD USED: | | | 2:1 Water-Soil | 2:1 Water-Soil | Ammonium Acetate | Ammonium Acetate | | | | | | | | | | | | |
|--------------|-----------|--------------|----------------|----------------|--------------------|------------------|------------------|------------------|-----------------|----------------|----------------|------------------|---------------|-------------|-------------|------------------|---------------|-------------|
| Lab Number | Sample ID | Sample Depth | Soil pH | Buffer pH | Sol. Salts mmho/cm | Excess Lime | % Organic Matter | Phosphorus ppm P | Potassium ppm K | Sulfur ppm S/A | Calcium ppm Ca | Magnesium ppm Mg | Sodium ppm Na | Zinc ppm Zn | Iron ppm Fe | Manganese ppm Mn | Copper ppm Cu | Boron ppm B |
| 35363 | RETEST | 0 - 12 | 8.7 | | 0.58 | Hi | | | 642 | | 4803 | 417 | 471 | | | | | |

| METHOD USED: | | | Sat. Paste | | | | | | | | | | | | | | | | |
|--------------|-----------|--------------|------------------|---------------------------------|-----------------|-------------------|----------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Lab Number | Sample ID | Sample Depth | Saturation % Sat | Electrical Conductivity mmho/cm | Calcium mg/L Ca | Magnesium mg/L Mg | Sodium mg/L Na | Sodium Adsorption Ratio SAR | | | | | | | | | | | |
| 35363 | RETEST | 0 - 12 | 50 | 1.99 | 80 | 16 | 290 | 7.7 | | | | | | | | | | | |

| FERTILIZER RECOMMENDATIONS: | | | | | | | | | | | | | | | | | Cation Exchange Capacity | | | | | | |
|---------------------------------|-----------|------------------|------------|----------------------------------|-----|-----|---|------|-----|----|---|----|----|-----|---|----|--------------------------|-----|----|----|-----|-----|-----|
| POUNDS ACTUAL NUTRIENT PER ACRE | | | | | | | | | | | | | | | | | | | | | | | |
| Lab Number | Sample ID | Crop To Be Grown | Yield Goal | Lime, ECC Tons/A to raise pH to: | | | N | P2O5 | K2O | Zn | S | Mn | Cu | MgO | B | Ca | Cl | CEC | %H | %K | %Ca | %Mg | %Na |
| | | | | 6.0 | 6.5 | 7.0 | | | | | | | | | | | | 31 | 0 | 5 | 77 | 11 | 7 |
| 35363 | RETEST | | | | | | | | | | | | | | | | | 31 | 0 | 5 | 77 | 11 | 7 |

SPECIAL COMMENTS AND SUGGESTIONS:

Lab Number(s): 35363

CAUTION: Soil sodium (% Na) is higher than normal and may indicate a developing problem. If irrigated, an irrigation water analysis can help identify the sodium source. Contact the laboratory for details.

Lab Number(s): 35363

WARNING: Soil sodium (% Na) is high. Typical symptoms of a sodium problem are soil sealing, crusting, and poor water penetration. Applying gypsum may be beneficial, but additional soil analysis may be required to determine the rate. If irrigated, water analysis can help identify the sodium source. Contact the laboratory for more information.

Lab Number(s): 35363

CEC calculated by cation summation may overestimate true CEC and underestimate exchangeable sodium percentage (ESP) in soils containing excess lime.

Lab Number(s): 35363

Servi-Tech Laboratory fertilizer recommendations were not requested.

Additional Well: Cantrall 35-03

Analyses are representative of the samples submitted Samples are retained 30 days after report of analysis Explanations of soil analysis terms are available upon request

Reviewed and
Approved By:

