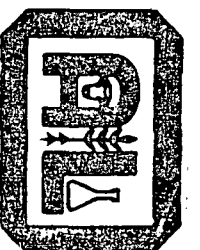


REPORT NUMBER

L 133-29A

# A & L PLAINS AGRICULTURAL LABORATORIES, INC.

302 34TH STREET • P.O. BOX 1590 • LUBBOCK, TEXAS 79408 • (806) 763-4278



SEND TO:

AMOCO PRODUCTS CO.  
P.O. BOX 606  
CLAYTON, NM 88415

BEFORE EXAMINER STOGNER  
OIL CONSERVATION DIVISION

Amoco EXHIBIT NO. 5  
CUSTOMER: 7569  
CASE NO. 6/8/83

SAMPLES  
SUBMITTED  
BY: STEVE KUEHLER

**BDCDGL**

MAY 16 1983

DATE OF REPORT

5-13-83

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## WATER ANALYSIS REPORT

| SAMPLE IDENT.  | LAB NO.          | Sodium ppm Na   | Calcium ppm Ca              | Magnesium ppm Mg            | Carbonate ppm CO <sub>3</sub> | Bicarbonate ppm HCO <sub>3</sub> | Chloride ppm Cl             | Conductivity mmhos/cm | pH                                                                                                                                                                                             | Presumptive Coliform | Depth | Location<br>T19N - R34E |
|----------------|------------------|-----------------|-----------------------------|-----------------------------|-------------------------------|----------------------------------|-----------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------|-------------------------|
| AMOCO WEST     | 7158             | 23              | 19                          | 16                          |                               |                                  | 10                          | .4                    | 7.8                                                                                                                                                                                            | NEG                  | 200'  | NW/4 Sec 26             |
| AMOCO EAST     | 7159             | 26              | 20                          | 14                          |                               |                                  | 14                          | .3                    | 7.8                                                                                                                                                                                            | NEG                  | 200'  | NW/4 Sec 26             |
| BOLZ HOUSE     | 7160             | 24              | 21                          | 18                          |                               |                                  | 18                          | .4                    | 7.8                                                                                                                                                                                            | NEG                  | 125'  | NE/4 Sec 25             |
| BOLZ WIND-MILL | 7161             | 19              | 24                          | 18                          |                               |                                  | 10                          | .3                    | 7.6                                                                                                                                                                                            | NEG                  | 150'  | SE/4 Sec 26             |
| SAMPLE IDENT.  | Phosphorus ppm P | Potassium ppm K | Nitrate ppm NO <sub>3</sub> | Sulfate ppm SO <sub>4</sub> | Boron ppm B                   | TOTAL Dissolved Solids ppm       | SAR Sodium Absorption Ratio | TOTAL HARDNESS G/CAL  | BASED ON THE TESTS RUN - THIS WATER SHOULD BE SUITABLE FOR DRINKING PURPOSES.                                                                                                                  |                      |       |                         |
| AMOCO WEST     |                  |                 | 5                           |                             |                               |                                  |                             | 6                     | This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.<br><b>A &amp; L AGRICULTURAL LABORATORIES, INC.</b><br>By <u>ART CARRICK</u> mt |                      |       |                         |
| AMOCO EAST     |                  |                 | 10                          |                             |                               |                                  |                             | 6                     |                                                                                                                                                                                                |                      |       |                         |
| BOLZ HOUSE     |                  |                 | 10                          |                             |                               |                                  |                             | 7                     |                                                                                                                                                                                                |                      |       |                         |
| BOLZ WIND-MILL |                  |                 | 10                          |                             |                               |                                  |                             | 7                     |                                                                                                                                                                                                |                      |       |                         |