MONAHANS. TEXAS 79756 PH 943-3234 OR 563-1040 RESULT OF WATE	MIDLAND. TEXAS 79701 PHONE 683-4521 R ANALYSES
TO:Mr. Arley Stafford P.O. Box 949, Andrews, Texas	LABORATORY NO
COMPANY ARCO 011 & Gas Company LEA	SE <u>Carlson Federal "A"</u> (Blinebry)
SECTION BLOCK SURVEY COUNTY _	
SOURCE OF SAMPLE AND DATE TAKEN: NO. 1 Produced water - taken from Carlson Fe	ederal "A" #2 (wellhead). 6-20-88

Martin Water Laboratories, Inc.

709 W INDIANA

NO. 2 _

P 0 80X 1468

REMARKS: CHEMICAL AND PHYSICAL PROPERTIES NO.1 me/l NO. 2 me/l Specific Gravity at 60° F. 1.0947 pH When Received 6.81 Carbonate as CO3 0 0.0 Bicarbonate as HCO3 512 8.4 Supersaturation as CaCO3 Undersaturation as CaCO3 Total Hardness as CaCO3 22,200 Calcium as Ca 6,280 314.0 Magnesium as Mg 1,580 130.0 Sodium and/or Potassium 43,195 878.1 1,949 Sulfate as SO4 40.5 Chioride as Cl 80,607 2.273.1 Iron as Fe 7.4 0.3 Barium as Ba Turbidity, Electric Color as Pt Total Solids, Calculated 134,122 Temperature °F. Carbon Dioxide, Calculated Dissolved Oxygen, Winkler XXXXXXX Sulfide - Total 0.0 Resistivity, ohms/m at 77* F. 0.076 Suspended Oil Results Reported As Milligrams Per Liter The above results show no significant change in the water Additional Determinations And Remarks from this well as compared to laboratory #188224 (1-26-88). However, at that time we had this well recorded as producing from the Drinkard. Form No. 2 cc: By.

Mr. Jim Ellis, Jal Mr. R.D. Thompson, Andrews Mr. Bill Knight, Midland Mr. Dick Prentice, Midland Central File System.

Waylan C. Martin, M.A.