

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

TO: Ms. Rebecca Egg
P.O.Box 1919, Midland, Texas

LABORATORY NO. 58558
SAMPLE RECEIVED 5-9-85
RESULTS REPORTED 5-10-85

COMPANY Cities Services Oil & Gas Company LEASE State "DW"

FIELD OR POOL _____
SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Raw water - taken from Hackberry Windmill. 5-8-85

NO. 2 _____

NO. 3

NO. 4 _____

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0010			
pH When Sampled				
pH When Received	7.55			
Bicarbonate as HCO ₃	205			
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	176			
Calcium as Ca	62			
Magnesium as Mg	5			
Sodium and/or Potassium	15			
Sulfate as SO ₄	15			
Chloride as Cl	17			
Iron as Fe	0.09			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	319			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	31.00			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

Part XI
Attachment 5
Fresh Water Analysis
From: Hackberry Windmill
Approx 1056' FSL, 634' FEL
Sec 12-18S-33E