

RESULT OF WATER ANALYSES

LABORATORY NO. 188112  
TO: Mr. Brent Lowery SAMPLE RECEIVED 1-13-88  
3300 North "A", Bldg. 8, Suite 100, Midland, TX RESULTS REPORTED 1-18-88 JAN 22 '88  
COMPANY Damson Oil Corporation LEASE Dozier Federal #1  
FIELD OR POOL Undesignated Willard Co. Spring O. C. D.  
SECTION        BLOCK        SURVEY        COUNTY        STATE NM ARTESIA, OFFICE  
SOURCE OF SAMPLE AND DATE TAKEN: Produced water - taken from water storage tank. 1-12-88  
NO. 1         
NO. 2         
NO. 3         
NO. 4       

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1276			
pH When Sampled				
pH When Received	6.56			
Bicarbonate as HCO <sub>3</sub>	239			
Supersaturation as CaCO <sub>3</sub>				
Undersaturation as CaCO <sub>3</sub>				
Total Hardness as CaCO <sub>3</sub>	18,900			
Calcium as Ca	5,560			
Magnesium as Mg	1,215			
Sodium and/or Potassium	67,343			
Sulfate as SO <sub>4</sub>	1,807			
Chloride as Cl	115,761			
Iron as Fe	5.8			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	191,926			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	0.060			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The above results show this water is decidedly different from the water from this well reported on laboratory #187183 (1-21-87). In examining other records, we note a decided similarity between this water and the water from Price Federal "5" #2 that was reported on laboratory #687482 (6-26-87) except for the absence of hydrogen sulfide herein. Contact us for any additional assistance in this matter.