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Martin Water Laboratories, Inc

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

RESULT OF WATER ANALYSES

LABORATORY NO. 582188 (Page 2)
TO: Mr. Daniel Renault SAMPLE RECEIVED 5-14-82
P.O.Box 4815, Midland, Texas RESULTS REPORTED 5-19-82

COMPANY Enserch Exploration, Inc. LEASE Scott Federal #2
FIELD OR POOL North Peterson
SECTION BLOCK SURVEY COUNTY Roosevelt STATE Texas
SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Sample #5 @ 4,166' - reversed out of drill pipe. 5-14-82
NO. 2 Sample #6 @ 5,000' - reversed out of drill pipe. 5-14-82
NO. 3 Recovered water - sample chamber. 5-14-82
NO. 4

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1048	1.1048	1.1055	
pH When Sampled				
pH When Received	6.8	6.7	6.7	
Bicarbonate as HCO ₃	476	500	586	
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	26,500	26,500	26,000	
Calcium as Ca	7,800	7,600	8,000	
Magnesium as Mg	1,701	1,823	1,458	
Sodium and/or Potassium	45,449	44,542	47,569	
Sulfate as SO ₄	713	727	727	
Chloride as Cl	88,064	86,643	90,904	
Iron as Fe	7.0	8.2	119	
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	144,203	141,835	149,244	
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	0.0	0.0	0.0	
Resistivity, ohms/m at 77° F.	0.072	0.073	0.070	
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Results Reported As Milligrams Per Liter				
Additional Determinations And Remarks <u>Our records of Montoya and Fusselman in the area are limited to wildcat wells; therefore, we do not feel we have good background records for comparison with the above. However, on the basis of what we do have, we would be relatively confident that the sample chamber does reflect characteristics of at least mostly natural connate water. Furthermore, by this comparison it would appear that all the other waters recovered are also predominantly natural water.</u>				