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 MONAHANS, TEXAS 79756
 PH. 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

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

RESULT OF WATER ANALYSES

TO: Mr. Mark Mladenka LABORATORY NO. 434187
901 Petroleum Building, Midland, Texas SAMPLE RECEIVED 4-17-84
 RESULTS REPORTED 4-19-84

COMPANY Mabee Petroleum Corporation LEASE Belcher

FIELD OR POOL _____

SECTION 7 BLOCK _____ SURVEY T-22S & R-38E COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Produced fluid - taken from Belcher #1. 4-17-84

NO. 2 Produced fluid - taken from Belcher "A" #1. 4-17-84

NO. 3 _____

NO. 4 _____

REMARKS: 1. Tubb & Drinkard 2. Tubb & Blinebry

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1014	1.0990		
pH When Sampled				
pH When Received	6.64	7.47		
Bicarbonate as HCO ₃	1,354	409		
Supersaturation as CaCO ₃	150	65		
Undersaturation as CaCO ₃	---	---		
Total Hardness as CaCO ₃	44,500	29,250		
Calcium as Ca	12,600	7,100		
Magnesium as Mg	3,159	2,795		
Sodium and/or Potassium	43,193	47,212		
Sulfate as SO ₄	1,058	1,318		
Chloride as Cl	96,586	92,325		
Iron as Fe	71.7	24.1		
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	157,949	151,158		
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	0.0	0.0		
Resistivity, ohms/m at 77° F.	0.066	0.070		
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Calcium Carbonate Scaling Tendency	NONE	MILD		
Calcium Sulfate Scaling Tendency	NONE	NONE		
Oil Gravity, °API	40.2 ✓	35.5 ✓		
Results Reported As Milligrams Per Liter				
Additional Determinations And Remarks <u>A careful comparison of these two waters reveals no evidence of any incompatibility between these two waters. This is to say that the combination of these waters should not result in any precipitation or scaling potential in the resulting combination.</u>				

By Waylan C. Martin, M.A.

BENTON COUNTY WATER STAMETS
OIL CONSERVATION DIVISION

Maboe EXHIBIT NO. 7

CASE NO. 8179

Case No.

Hearing Date