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Martin Water Laboratories, Inc.

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RESULT OF WATER ANALYSES

TO: Mr. Phillip Smith LABORATORY NO. 505-65
550 W. Texas, Tower 2, Suite 700, Midland, TX 79701 SAMPLE RECEIVED 5-11-05
 RESULTS REPORTED 5-12-05

COMPANY Latigo Petroleum LEASE Fed "A" 13
 FIELD OR POOL Cross Roads
 SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

- NO. 1 Submitted water sample - taken from Fed "A" 13 #2 on 5-11-05.
- NO. 2 Submitted water sample - taken from Fed "A" #5 on 5-11-05.
- NO. 3 _____
- NO. 4 _____

REMARKS: San Andres

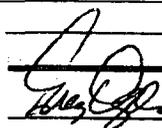
CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1573	1.1835		
pH When Sampled				
pH When Received	5.25	5.62		
Bicarbonate as HCO ₃	720	549		
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	22,500	24,500		
Calcium as Ca	6,600	7,000		
Magnesium as Mg	1,458	1,701		
Sodium and/or Potassium	91,963	113,056		
Sulfate as SO ₄	1,525	1,470		
Chloride as Cl	156,200	190,280		
Iron as Fe	17.8	31.6		
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	258,465	314,056		
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	21.0	5.0		
Resistivity, ohms/m at 77° F.	0.050	0.045		
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks Our nearest San Andres records are several miles east in the Buckshot field of southwest Cochran county. Although this is a considerable distance between these fields, the water from Fed "A" 13 #2 does show similarity to our records. The sample from Fed "A" #5 has a significantly higher chloride level than these distant records show. Therefore, it would be difficult to say that both of these waters are coming from the same zone.

Form No. 3

NMOCD CASE NO. 13408
 MAY 19, 2005
 LATIGO PETROLEUM, INC.
 EXHIBIT NO. 10



Greg Ogden, B.S.