Martin Water Laboratories, Inc.

P. O. BOX 1468 MONAHANS, TEXAS 79756 PH. 943-3234 OR 563-1040

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

RESULT OF WATER ANALYSES

		DODA TODY HO	58722	
To:Mr. Brent Lowery	LABORATORY NO. 58722 SAMPLE RECEIVED 5-4-87			
3300 North A, Bldg. 8, Suite 100, Midland, TX RESULTS REPORTED 5-7-87				
3300 Holer M, Didb. 0, Dates 200, Martin, M. RESULTS REPORTED 5 7 07				
COMPANY Damson Oil Corporation LEASE As listed				
COMPANY				
FIELD OR POOL 1. & 3. Lusk 2. West Lusk				
section block survey county Lea state NM				
SOURCE OF SAMPLE AND DATE TAKEN:				
NO. 1 Produced water - taken from Southern California Federal #1. 5-4-87				
NO. 2 Produced water - taken from Texaco's State of New Mexico "CR" #1. 5-4-87				
NO. 3 Produced water - taken from Amoco's Plains Unit #7. 5-4-87				
NO. 3				
NO. 4				
CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1700	1.1752	1.1837	
pH When Sampled				
pH When Received	5.35	5.70	5.72	
Bicarbonate as HCO3	61	104	66	
Supersaturation as CaCO3				
Undersaturation as CaCO3				
Total Hardness as CaCO3	82,500	90,250	82,750	
Calcium as Ca	26,000	29,200	27,900	
Magnesium as Mg	4,253	4,192	3,159	
Sodium and/or Potassium	64,589	63,783	68,994	
Sulfate as SO4	535	492	352	
Chloride as Cl	157,662	161,923	164,764	
Iron as Fe	88.0	112	40.0	
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	253,100	259,694	265,235	
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler	·			
Hydrogen Sulfide	0.0	0.0	0.0	
Resistivity, ohms/m at 77° F.	0.050	0.050	0.049	
Suspended Oil				
Filtrable Solids as mg/1				
Volume Filtered, ml				
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Results Reported As Milligrams Per Liter				
Additional Determinations And Remarks The above results show these three waters to be essenti-				
ally identical in characteristics and all correlate well with what we would expect				
from natural Delaware. We also note that the waters from Southern California Federal				
#1 and Plains Unit #7 show no significant change since the samples taken 3-9-87 and				
reported on laboratory #38766.				

Form No. 3

By Waylan C. Martin, M.A.