

Martin Water Laboratories

P. O. BOX 1468
MONAHAN, TEXAS 79756
PHONE 943-3234 OR 563-1040

RESULT OF WATER ANALYSES

408 W. ILLINOIS
MIDLAND, TEXAS 79701
PHONE 683-4521

TO: Mr. Jerrel Marburger
P. O. Box 1351 Midland, Texas

LABORATORY NO. 67482
SAMPLE RECEIVED 6-14-75
RESULTS REPORTED 6-17-75

COMPANY Skelly Oil Company LEASE State "L"
FIELD OR POOL Justice (Blinbry)
SECTION BLOCK SURVEY COUNTY Lea STATE New Mexico

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Produced (Tubb) water - taken from State "L". 6-14-75
NO. 2 Produced (Blinbry) water - taken from State "L" 6-14-75
NO. 3
NO. 4

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1005	1.0789		
pH When Sampled				
pH When Received	7.9	7.85		
Bicarbonate as HCO ₃	227	549		
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	24,700	12,600		
Calcium as Ca	6,800	3,720		
Magnesium as Mg	1,871	802		
Sodium and/or Potassium	51,265	41,816		
Sulfate as SO ₄	1,708	2,306		
Chloride as Cl	95,165	71,013		
Iron as Fe	26.0	7.0		
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	157,036	120,712		
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	0.0	1.0		
Resistivity, ohms/m at 77° F.	0.058	0.030		
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks: A careful examination of the above analyses reveals no evidence which would indicate any incompatibility problem between these waters for mixing them or producing them from the same well.