

RESULT OF WATER ANALYSES

TO: Mr. V. E. Staley
P.O. Box 68, Hobbs, New Mexico

LABORATORY NO. 780318
SAMPLE RECEIVED 7-25-80
RESULTS REPORTED 7-31-80

COMPANY Amoco Production Company LEASE State "FV" #3
FIELD OR POOL Air Strip
SECTION BLOCK SURVEY COUNTY Lea STATE New Mexico
SOURCE OF SAMPLE AND DATE TAKEN:

No. 1 Produced water - taken from State "EU" #3. 7-17-80

NO. 2 _____

NO. 3 101st West Spring

NO. 4

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0701			
pH When Sampled				
pH When Received	6.4			
Bicarbonate as HCO ₃	317			
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	18,200			
Calcium as Ca	4,560			
Magnesium as Mg	1,652			
Sodium and/or Potassium	29,862			
Sulfate as SO ₄	2,640			
Chloride as Cl	56,815			
Iron as Fe	230			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	95,846			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	0.0			
Resistivity, ohms/cm at 77° F.	0.097			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks We are not familiar with the circumstances herein, but we do note in comparing analyses that this water shows to be decidedly similar to what we have recorded as Bone Springs in the nearby Pearl field.