

To: Mr. Royce Boyce
104 South Pecos, Midland, TX

LABORATORY NO. 690172
SAMPLE RECEIVED 6-22-90
RESULTS REPORTED 6-26-90

COMPANY BTA Oil Producers LEASE Lovington #2
FIELD OR POOL North Lovington
SECTION BLOCK SURVEY COUNTY Lea STATE NM
SOURCE OF SAMPLE AND DATE TAKEN:
NO. 1 Raw water - taken from windmill (Northwest of Lovington #2). 6-21-90
NO. 2 Produced water - taken from Lovington #2. 6-21-90
NO. 3
NO. 4

REMARKS:

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CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0018	1.0673		
pH When Sampled				
pH When Received	7.06	6.36		
Bicarbonate as HCO ₃	325	628		
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	375	10,800		
Calcium as Ca	126	3,040		
Magnesium as Mg	15	778		
Sodium and/or Potassium	119	32,275		
Sulfate as SO ₄	168	1,289		
Chloride as Cl	136	56,105		
Iron as Fe	0.08	8.6		
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	889	94,115		
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0	0.0		
Resistivity, ohms/m at 77° F.	8.64	0.098		
Suspended Sol				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

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Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

EXHIBIT -C-

ETA OIL PRODUCERS
Lovington, 8903 JV-P
Well No. 3
Lea County, NM

Surface Owner: Mrs. Vickie Norice Harris
Route 1, Box 33
Plains, Texas 79355

Offset leasehold Operators within one-half mile of the well location:

Amerada Hess Corporation
1201 Louisiana, Suite 700
Houston, Texas 77002
Attn: Mr. J. Y. Christopher

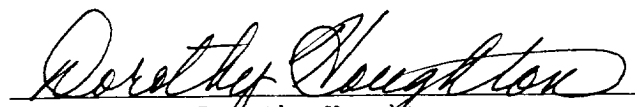
Pennzoil Exploration Production Co.
700 Milam
Houston, Texas 77252
Attn: Mr. K. Stanaland

Nearburg Producing Company
402 E. Illinois, Suite 300
Midland, Texas 79701
Attn: Mr. Mark Nearburg

Matador Petroleum Corporation
8340 Meadow Road, Suite 158
Dallas, Texas 75231
Attn: Mr. Joe A. Young

Yates Energy Corporation
500 N. Main, Suite 1010
Roswell, NM 88202
Attn: Ms. Shari Hamilton

I hereby certify the above were mailed copies of our application
on June 28, 1990, by certified mail.


Dorothy Houghton

RECEIVED

JUL 2 1990

**OCD
HOBBS**