

NORTH TEXAS

CHEMICAL CONSULTANTS

P.O. BOX 4330 • WICHITA FALLS, TEXAS 76308

July 13, 1994

~~Royalty~~
Burk Realty
P. O. Box BRC
Wichita Falls, TX 76307

Report Number: BKR 0001

Date Received: July 11, 1994

Attn: Charlie Gibson

SAMPLE ID: Well Water-Lee County, New Mexico: NE-NE Section 22
Township 205, Range 34E; Collected by C. Gibson, 7/8/94

PARAMETER	METHOD EPA	DETECTION LIMIT mg/L	RESULT mg/L
pH	150.1	0.02	8.09
Total Dissolved Solids	160.1	1.	2,640.
Alkalinity, T as CaCO3	310.1	1.	227.
Hardness, T as CaCO3	130.2	1.	159.
Chloride, as Cl	325.3	1.	705.
Sulfate, as SO4	375.4	1.	625.
Nitrate-Nitrite, as N	353.3	0.2	1.0
Bicarbonate, as HCO3	310.1	1.	277.
Calcium, as Ca	215.2	1.	32.
Magnesium, as Mg	130.2	1.	23.
Potassium, as K	258.1	0.01	92.90
Sodium, as Na	273.1	0.005	730.65

Comments:

Report submitted by:



R. J. Williams, Ph. D.

NEW MEXICO
OIL CONSERVATION DIVISION

EXHIBIT 4B
CASE NO. 10985