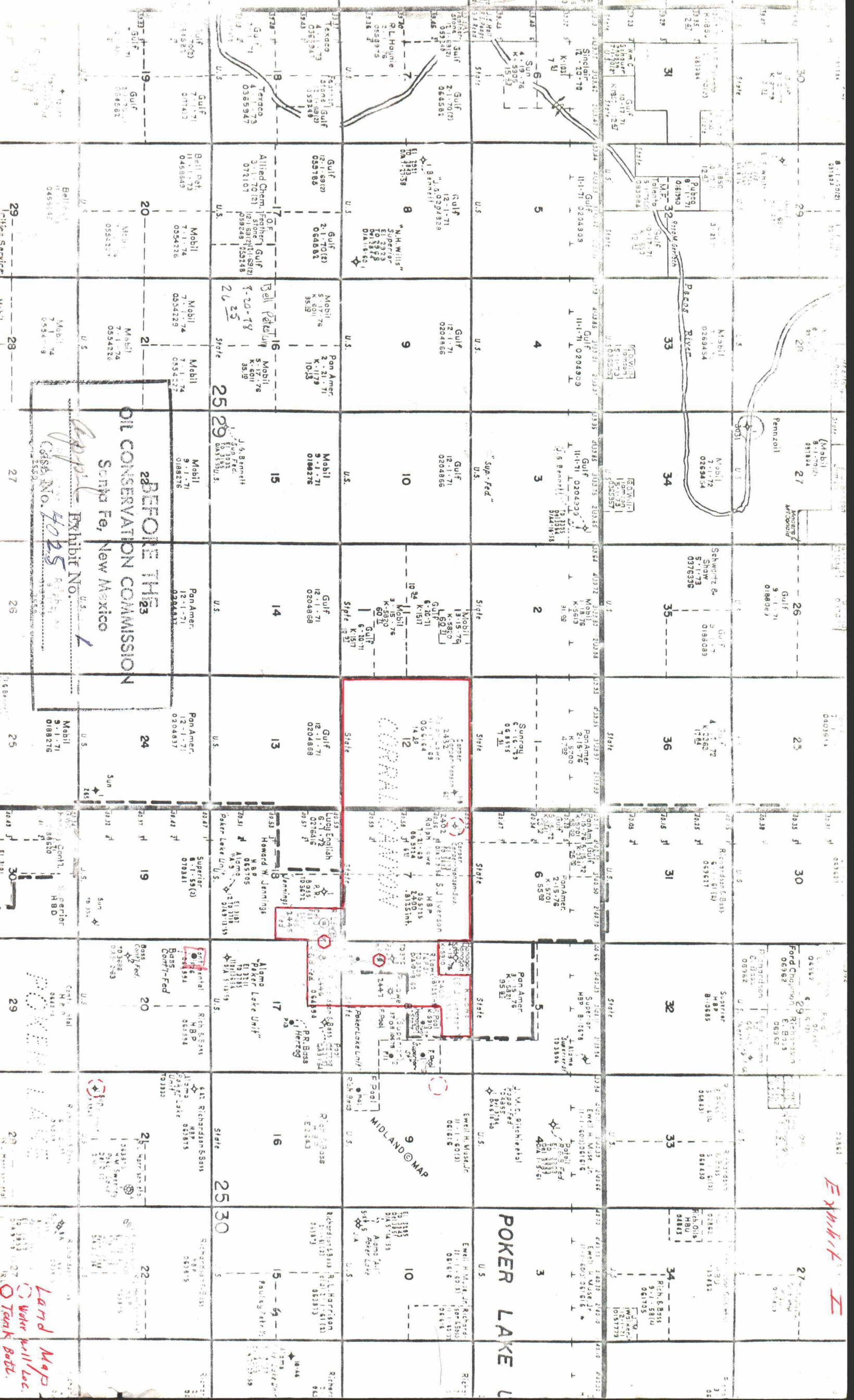




BEFORE THE
OIL CONSERVATION COMMISSION
Sando Fe, New Mexico

Exhibit No. 4025
Case No. 4025

EXHIBIT I

POKER LAKE

Land Map
Water well loc.
Tank

THE WESTERN COMPANY
Service Laboratory

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Exhibit No. _____

Case No. 3625

WATER ANALYSIS

Operator	Ralph Lowe Estate	Date Sampled	
Well	Water Well	Date Received	1-7-69
Field		Submitted by	Ralph Lowe Estate
Formation		Worked by	Jones
Depth		Other Description	About 600' or 700' Northeast of Pool Drilling Co. - Superior State #1 Well, Sec 4 T25-S-R30-E
County	Eddy, New Mexico		

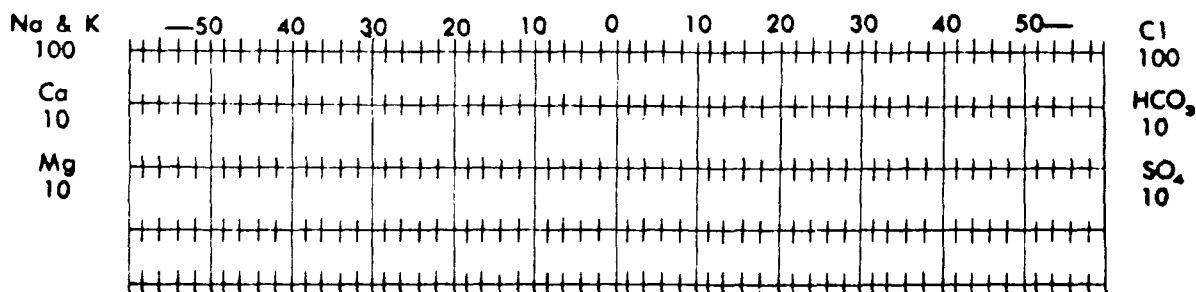
CHEMICAL DETERMINATIONS

Density	1.005 @ 71° F	pH	7.6
Iron	No Trace	Hydrogen Sulfide	None
Sodium and Potassium	252 ppm	Bicarbonate	256 ppm
Calcium	655 ppm	Sulfate	2,120 ppm
Magnesium	151 ppm	Phosphate	ppm
Chloride	272 ppm	as Sodium Chloride	ppm

Total dissolved solids 3,706 ppm

Remarks:

for Stiff type plot (in meq./l.)



Per _____

THE WESTERN COMPANY
Service Laboratory

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 3
Case No. 242-5

WATER ANALYSIS

Operator	Ralph Lowe Estate	Date Sampled	
Well	Water Well	Date Received	1-7-69
Field		Submitted by	Ralph Lowe Estate
Formation		Worked by	Jones
Depth		Other Description	Northwest $\frac{1}{4}$ of Northwest $\frac{1}{4}$ of Sec 7, T-25-S-R-30-E
County	Eddy, New Mexico		

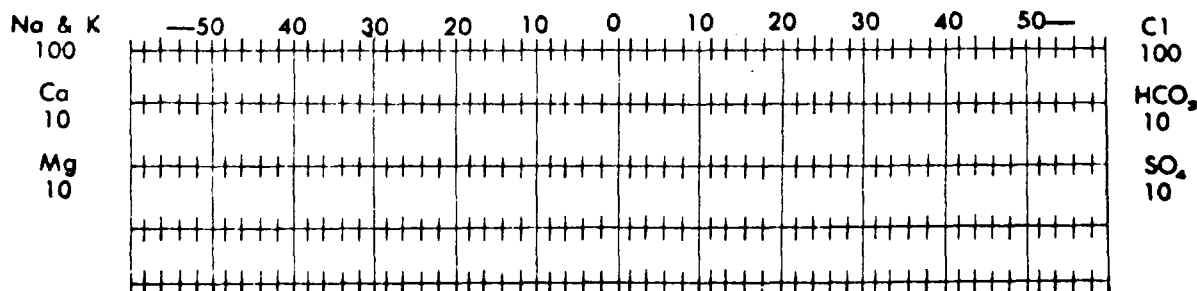
CHEMICAL DETERMINATIONS

Density	<u>1.005 @ 71° F</u>	pH	<u>8.9</u>
Iron	<u>Very Faint Trace</u>	Hydrogen Sulfide	<u>None</u>
Sodium and Potassium	<u>234</u> ppm	Bicarbonate	<u>293</u> ppm
Calcium	<u>88</u> ppm	Sulfate	<u>380</u> ppm
Magnesium	<u>49</u> ppm	Phosphate	<u> </u> ppm
Chloride	<u>208</u> ppm	as Sodium Chloride	<u> </u> ppm

Total dissolved solids 1,252 ppm.

Remarks:

for Stiff type plot (in meq./l.)



Per _____

SAMPLE NO. _____

Exhibit LV

THE WESTERN COMPANY
Service Laboratory

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. 317
No. 2025

WATER ANALYSIS

Operator	Ralph Lowe	Date Sampled	1-10-69
Well	State #1	Date Received	1-10-69
Field	Poker Lake	Submitted by	Bill Scott
Formation	Delaware	Worked by	Koehl
Depth	3673-3679'	Other Description	Sec. 8, T-25-S, R-30-E 660' F59WL
County	Eddy, New Mexico		

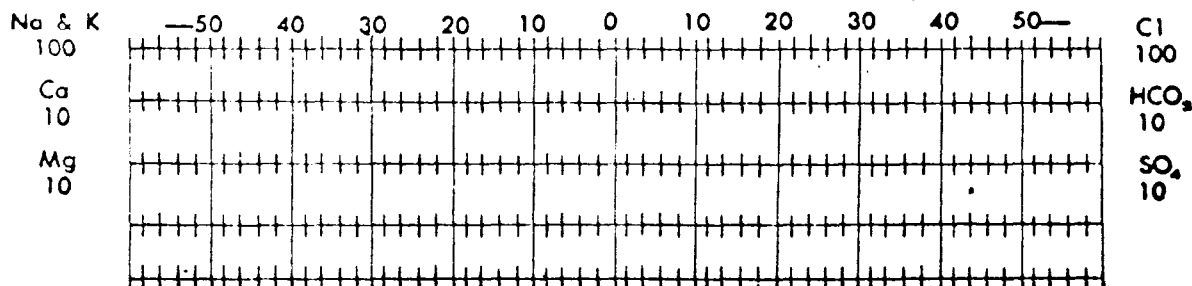
CHEMICAL DETERMINATIONS

Density	1.101 at 65°F	pH	7.2
Iron	Faint trace	Hydrogen Sulfide	None
Sodium and Potassium	50,900 ppm	Bicarbonate	281 ppm
Calcium	7,740 ppm	Sulfate	540 ppm
Magnesium	1,580 ppm	Phosphate	ppm
Chloride	96,400 ppm	as Sodium Chloride	ppm

Remarks:

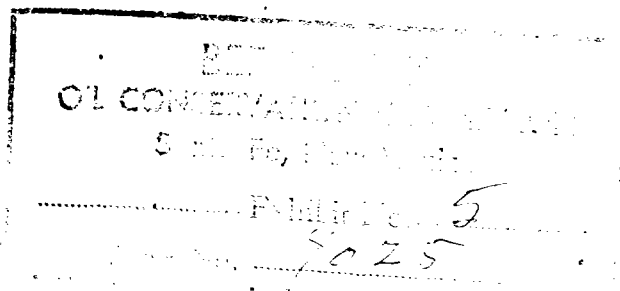
157,841

for Stiff type plot (in meq./l.)



Per _____

THE WESTERN COMPANY
Service Laboratory



WATER ANALYSIS

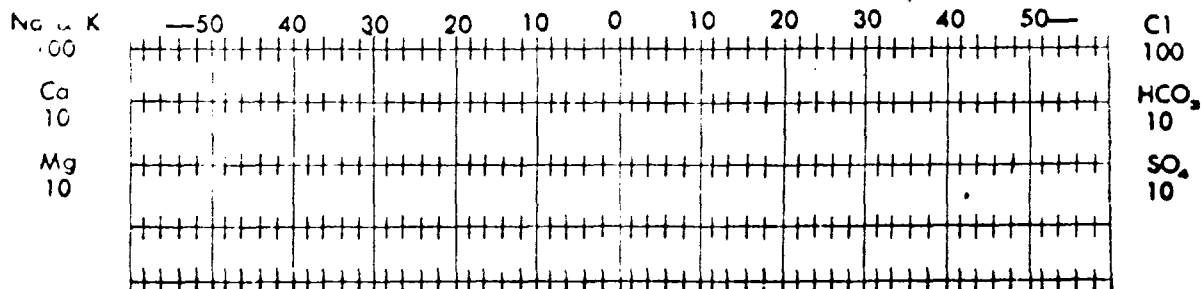
Operator	Ralph Lowe	Date Sampled	1-10-69
Well	R. B. Federal #1	Date Received	1-10-69
Field	Poker Lake	Submitted by	Bill Scott
Formation	Delaware	Worked by	Koehl
Depth	3639-3645'	Other Description	Sec. 18, T-25-S, R-30-E 660 F.N. EL
County	Eddy, New Mexico		

CHEMICAL DETERMINATIONS

Density	1.101 at 65°F	pH	7.5
Iron	Fair Trace	Hydrogen Sulfide	None
Sodium and Potassium	55,450 ppm	Bicarbonate	329 ppm
Calcium	7,680 ppm	Sulfate	570 ppm
Magnesium	1,608 ppm	Phosphate	ppm
Chloride	97,200 ppm	as Sodium Chloride	ppm

Remarks:

for Stiff type plot (in meq./l.)



Per _____

SAMPLE NO. _____

THE WESTERN COMPANY
Service Laboratory

BEFORE THE
OIL CONSERVATION COMMISSION
S. M. Co, New Mexico

Exhibit No. 6No. 2025**WATER ANALYSIS**

Operator	Ralph Lowe	Date Sampled	1-10-69
Well	R. B. Federal "AY" #1	Date Received	1-10-69
Field	Poker Lake	Submitted by	Bill Scott
Formation	Delaware	Worked by	Koehl
Depth	3687-3692	Other Description	Sec. 17, T-25-S, R-30-E C11FN 614FUL
County	Eddy, New Mexico		

CHEMICAL DETERMINATIONS

Density	1.100 at 66°F	pH	7.1
Iron	Slight Trace	Hydrogen Sulfide	None
Sodium and Potassium	51,300 ppm	Bicarbonate	268 ppm
Calcium	7,850 ppm	Sulfate	460 ppm
Magnesium	1,435 ppm	Phosphate	ppm
Chloride	96,800 ppm	as Sodium Chloride	ppm

Remarks:

for Stiff type plot (in meq./l.)

