

sketch showing the manner of completing the proposed injection well.

5. Applicant attaches hereto as Exhibit "3" a graph showing the production history of the aforesaid well.

6. Applicant will present at the time of the hearing the well log of the proposed injection well.

WHEREFORE, Applicant requests that the Commission set this matter down for hearing before its Examiner, publish notice as required by law and, after hearing, issue its order authorizing the disposal of salt water as aforesaid.

Respectfully submitted,

TEXAS PACIFIC OIL COMPANY,
A division of
Joseph E. Seagram & Sons, Inc.

Applicant's Attorney

By John F. Russell
John F. Russell
P. O. Drawer 640
Roswell, New Mexico 88201

DATED:

10-3/4" Csg. @ 298' w/200 sx.
Cement circulated to surface

Top of cement @ 2085'

Yates @ 2848'

Seven Rivers @ 3008'

Packer set @ 3130'

7" Csg. @ 3148' w/500 sx.

TD: 3490'
PBTD: 3210'

TEXAS PACIFIC OIL COMPANY

McKinney No. 1 Unit "A"
Elevation 3269'
660' FNL & 660' FEL
Sec. 36, T-24-S, R-36-E
Langlie Mattix Pool
Lea County, New Mexico

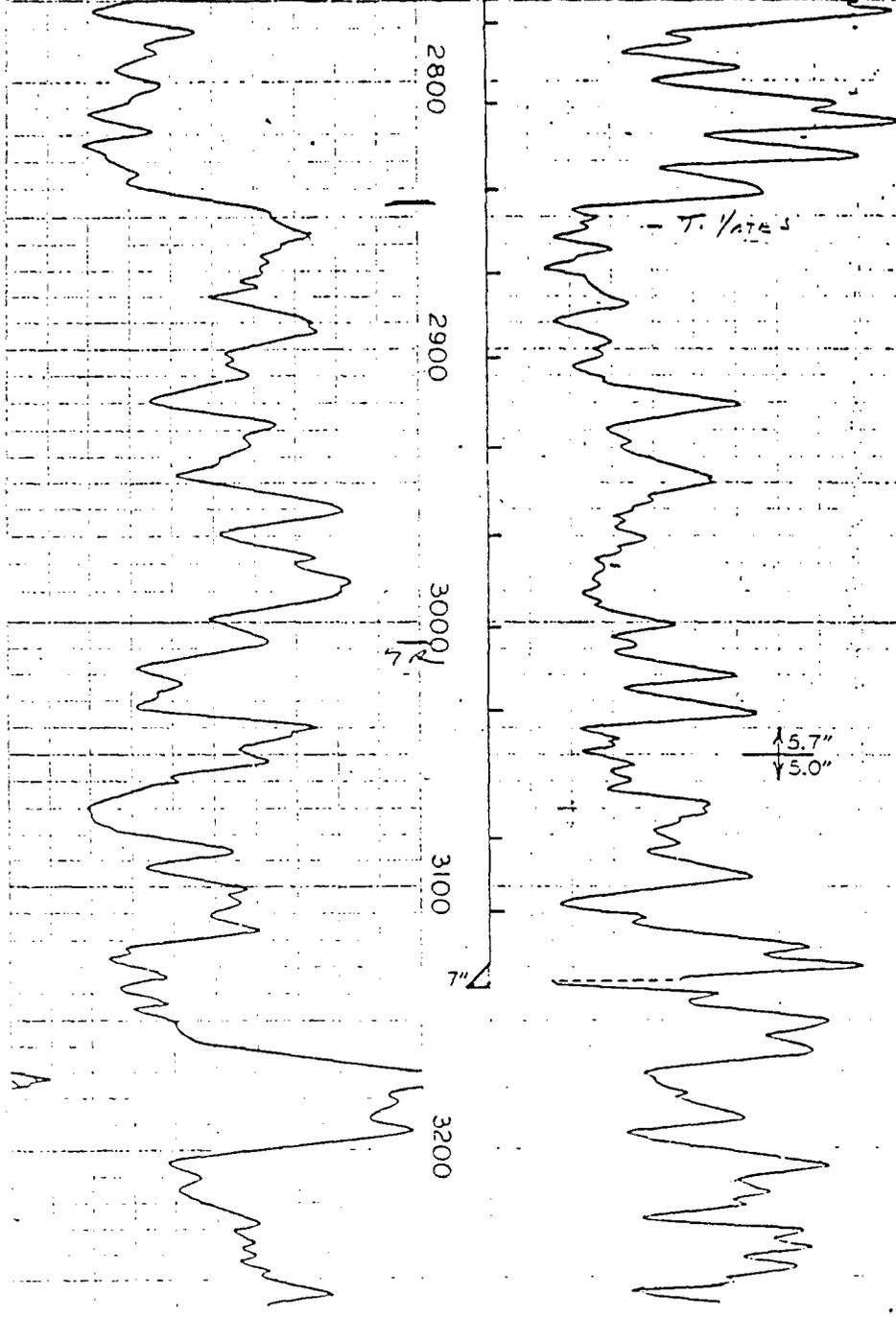
Exhibit II

COMPANY: R. OLSEN OIL CO.
 WELL: *McKinney*
 FIELD: COOPER JAL
 COUNTY: ILL. STATE: N.M.
 LOCATION: *

COMPANY: R. OLSEN OIL CO.
 WELL: COOPER NO. 1
 FIELD: COOPER JAL
 COUNTY: ILL. STATE: N.M.

LOG MEASURED FROM TUBING SPOOL ELEVATION *
 DRILLING MEASURED FROM T. SPOOL ELEVATION *
 TUBING SPOOL IS 4'
 PERMANENT DATUM BELOW OLD ROTARY ELEVATION *

| | | |
|---------------|-----------|---------|
| RUN NUMBER | 1 | 1 |
| TYPE OF LOG | GAMMA RAY | NEUTRON |
| DATE | 7-1-49 | 7-1-49 |
| COMPANY DEPTH | 3490' | 3490' |





UNITED CHEMICAL CORPORATION
OF NEW MEXICO

601 NORTH LEECH

P. O. BOX 1499

HOLBES, NEW MEXICO 88240

Company Texas Pacific

Field Jalmat Yates 7 Rivers

Lease Watkins #1 Sampling Date 10/31/68

Type of Sample _____

WATER ANALYSIS

| IONIC FORM | me/l * | mg/l * |
|---|------------|--------|
| Calcium (Ca++) | 31.94 | 640 |
| Magnesium (Mg++) | 21.71 | 264 |
| Sodium (Na+) | Calculated | 109.08 |
| Iron | | 2 |
| Bicarbonate (HCO ₃ -) | 15.80 | 963 |
| Carbonate (CO ₃ -) | NOT | FOUND |
| Hydroxide (OH-) | NOT | FOUND |
| Sulphate (SO ₄ -) | 70.79 | 3400 |
| Chloride (Cl-) | 76.14 | 2700 |
| 7.2 pH @ 68 °F | | |
| Dissolved Solids on Evap. at 103° - 105° C | | |
| Hardness as CaCO ₃ | 53.65 | 2683 |
| Carbonate Hardness as CaCO ₃ (temporary) | 15.80 | 790 |
| Non-Carbonate Hardness as CaCO ₃ (permanent) | 37.85 | 1893 |
| Alkalinity as CaCO ₃ | 15.80 | 790 |
| Specific Gravity @ 68° F | 1.000 | |

* mg/l = milligrams per Liter

* me/l = milliequivalents per Liter

Calcium carbonate scaling index positive at 86° F

Calcium sulfate scaling index positive

//////////////////////////////////// *Mohos Water Works* //////////////////////////////////////

