

Reporting Period 1984

TO: STATE CORPORATION COMMISSION  
CONSERVATION DIVISION - UIC SECTION  
200 COLORADO DERBY BUILDING  
WICHITA, KANSAS 67202

DOCKET NO. 74,352-C [ E-11,165 ]  
KCC KDHE

X

SEC 26, T 22 S, R 19 [ ] West  
[ X ] East

ANNUAL REPORT OF PRESSURE MONITORING,  
FLUID INJECTION AND ENHANCED RECOVERY

Lease Name Burke Well# W-4  
(if battery of wells, attach list with  
locations)

Operator License Number 5096

Feet from NWS section line 4620'

Feet from WE section line 4700'

Operator: James E. Russell Petr., Inc.  
Name & 536 North Highland  
Address Chanute, Kansas 66720

Field Colony North

County Anderson

Disposal [ ] or Enhanced Recovery [ X ]

Contact Person G. Bob Barnett  
Phone (316) 431-2650

Person (s) responsible for monitoring well Delmer Lorance  
Was this well/project reported last year? [ X ] yes [ ] no  
List previous operator if new operator \_\_\_\_\_

I. INJECTION FLUID:

Type: [ ] fresh water [ X ] brine treated [ ] brine untreated [ ] water/brine mixture  
Source: [ X ] produced water other: Kansas City  
Quality: Total dissolved solids \_\_\_\_\_ ppm/mgm/liter  
Additives yes (attach water analysis, if available)

TYPE COMPLETION:

[ ] tubing & packer packer setting depth \_\_\_\_\_ feet.  
[ ] packerless (tubing-no packer) Maximum authorized pressure 700 psi.  
[ X ] tubingless (no tubing) Maximum authorized rate 75 bbl/day.

| Month | Total Fluid Injected in Month (bbl) | Days of Injection | Maximum Injection Pressure | Average Injection Pressure | Aver. Pressure Tubing to Casing Annulus | Pressure psig Casing to Surf. Pipe |
|-------|-------------------------------------|-------------------|----------------------------|----------------------------|---|------------------------------------|
| Jan.  | <u>609</u>                          | <u>31</u>         | <u>310</u>                 | <u>300</u>                 |   | <u>300</u>                         |
| Feb.  | <u>529</u>                          | <u>29</u>         | <u>310</u>                 | <u>300</u>                 |   | <u>300</u>                         |
| Mar.  | <u>624</u>                          | <u>31</u>         | <u>320</u>                 | <u>300</u>                 |   | <u>300</u>                         |
| Apr.  | <u>737</u>                          | <u>30</u>         | <u>330</u>                 | <u>310</u>                 |   | <u>310</u>                         |
| May   | <u>727</u>                          | <u>31</u>         | <u>320</u>                 | <u>305</u>                 |   | <u>305</u>                         |
| June  | <u>858</u>                          | <u>30</u>         | <u>360</u>                 | <u>310</u>                 |   | <u>310</u>                         |
| July  | <u>919</u>                          | <u>31</u>         | <u>360</u>                 | <u>340</u>                 |   | <u>340</u>                         |
| Aug.  | <u>863</u>                          | <u>31</u>         | <u>340</u>                 | <u>320</u>                 |   | <u>320</u>                         |
| Sept. | <u>812</u>                          | <u>30</u>         | <u>340</u>                 | <u>320</u>                 |   | <u>320</u>                         |
| Oct.  | <u>902</u>                          | <u>31</u>         | <u>340</u>                 | <u>340</u>                 |   | <u>340</u>                         |
| Nov.  | <u>907</u>                          | <u>30</u>         | <u>360</u>                 | <u>340</u>                 |   | <u>340</u>                         |
| Dec.  | <u>892</u>                          | <u>31</u>         | <u>400</u>                 | <u>350</u>                 |   | <u>350</u>                         |

Well tests and the results during reporting period:

\*For disposal wells complete page 1 plus section D page 2.  
For enhanced recovery wells (repressuring, secondary, tertiary) complete both pages.  
Prepare one form for each injection well (SWD and ER) but only one report of Section B and C for each docket (project).

12/83 Form U3C

FEB 07 1985