

Reporting Period 1984

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

DOCKET NO. K-15842 [ 90,618-C ]  
KCC KDHE

X SE SEC 16 T 20 S, R 12 [x] West  
[ ] East

ANNUAL REPORT OF PRESSURE MONITORING,  
FLUID INJECTION AND ENHANCED RECOVERY

Lease Name Hulme 'G' Well# 3  
(if battery of wells, attach list with  
locations)  
Feet from S section line 1675

Operator License Number 5238

Feet from E section line 660

Operator: Petroleum, Inc.  
Name & P. O. Box 1447  
Address Great Bend, KS 67530

Field Workman North

County Barton

Disposal [ ] or Enhanced Recovery [ x ]

Contact Person Terry Naylor  
Phone 316-793-8471

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

#### I. INJECTION FLUID:

Type: Source: Quality:  
[ ] fresh water [ x ] produced water Total dissolved solids 72456 mgm/liter  
[ x ] brine treated other: \_\_\_\_\_ Additives \_\_\_\_\_  
[ ] brine untreated (attach water analysis, if available)  
[ ] water/brine mixture

#### TYPE COMPLETION:

[ x ] tubing & packer packer setting depth 3225 feet.  
[ ] packerless (tubing-no packer) Maximum authorized pressure 1250 psi.  
[ ] tubingless (no tubing) Maximum authorized rate 1000 bbl/day.

| Month | Total Fluid<br>Injected in<br>Month (bbl) | Days of<br>Injection | Maximum<br>Injection<br>Pressure | Average<br>Injection<br>Pressure | Aver. Pressure<br>Tubing to<br>Casing Annulus | Pressure psig<br>Casing to<br>Surf. Pipe |
|-------|-------------------------------------------|----------------------|----------------------------------|----------------------------------|-----------------------------------------------|------------------------------------------|
| Jan.  | <u>6588</u>                               | <u>30</u>            | <u>960</u>                       | <u>700</u>                       | <u>0</u>                                      | <u>0</u>                                 |
| Feb.  | <u>6039</u>                               | <u>29</u>            | <u>960</u>                       | <u>940</u>                       |                                               |                                          |
| Mar.  | <u>6199</u>                               | <u>27</u>            | <u>960</u>                       | <u>940</u>                       |                                               |                                          |
| Apr.  | <u>6219</u>                               | <u>30</u>            | <u>960</u>                       | <u>940</u>                       |                                               |                                          |
| May   | <u>7261</u>                               | <u>31</u>            | <u>960</u>                       | <u>960</u>                       |                                               |                                          |
| June  | <u>6403</u>                               | <u>30</u>            | <u>960</u>                       | <u>960</u>                       | <u>✓</u>                                      |                                          |
| July  | <u>6369</u>                               | <u>31</u>            | <u>960</u>                       | <u>930</u>                       | <u>5</u>                                      |                                          |
| Aug.  | <u>6265</u>                               | <u>29</u>            | <u>950</u>                       | <u>930</u>                       | <u>0</u>                                      |                                          |
| Sept. | <u>5170</u>                               | <u>23</u>            | <u>1030</u>                      | <u>980</u>                       | <u>0</u>                                      |                                          |
| Oct.  | <u>8060</u>                               | <u>31</u>            | <u>1020</u>                      | <u>1020</u>                      | <u>0</u>                                      |                                          |
| Nov.  | <u>7470</u>                               | <u>30</u>            | <u>1020</u>                      | <u>1020</u>                      | <u>0</u>                                      |                                          |
| Dec.  | <u>9718</u>                               | <u>31</u>            | <u>1020</u>                      | <u>1020</u>                      | <u>0</u>                                      | <u>STATE</u> <u>✓</u>                    |

Well tests and the results during reporting period:

FEB 25 1985

\*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).

Project Hulme 'GI' Pilot Flood DOCKET # C-15842 [ 90,618-C ] for 1984

II. Type of Secondary Recovery (check one if appropriate; does not apply to disposal well)

- [ ] Controlled waterflood [W]  
[x] Pressure maintenance [P]  
[ ] Dump flood [D]

Type of Tertiary Recovery Project (check one if appropriate)

- [ ] Steam Flood [S] [ ] Fire Flood [F] [ ] Surfactant Chemical Flood [C]  
[ ] CO2 Injection [O] [ ] Air Injection [A] [ ] N2 Injection [N]  
[ ] Natural Gas Injection [G] [ ] Polymer/Micellar Flood [P] [ ] Other

Oil Producing Zone:

Name: L-KC Depth 3160 feet. Average Thickness 52 feet.

Oil Gravity 40.4 API

Production wells from this docket:

- a. Total number producing during reporting year 3.  
b. Number drilled in reporting year 0.  
c. Number abandoned in reporting year 0.  
d. Total number of injection wells assisting production this project 1.

III. Enter zeros in the current year column only if no oil was produced or no water or gas was injected. If records are incomplete, please estimate the volumes, but in all cases report a volume for the current year. The cumulative column should reflect total volumes since initiation of the project. If records are incomplete please estimate the values.

|                                                                                                                                                                                                                                                                                                                             | Current Year                 | Cumulative                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------|
| A. Liquid injected or dumped into producing zone (BBLs) (from side one for current year).                                                                                                                                                                                                                                   | <u>81.8</u><br><u>81,761</u> | <u>1145</u><br><u>1,144,932</u> |
| B. Gas or air injected into producing zone (MCF)                                                                                                                                                                                                                                                                            | <u>0</u>                     | <u>0</u>                        |
| C. Oil production from project area (BBLs) (Total)                                                                                                                                                                                                                                                                          | <u>6,020</u> <sup>6.0</sup>  | <u>636</u><br><u>6,35,705</u>   |
| D. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)                                                                                                                                                                                      | <u>6020</u> <sup>6.0</sup>   | <u>151</u><br><u>151,076</u>    |
| E. Oil recovered by Tertiary Recovery such as polymer-enhanced waterflood, surfactant polymer injection, alkaline chemical injection, miscible flood or gas injection, steam or hot water injection, or some combustion process, but excluding oil recovered by waterflood, pressure maintenance, or dump flood operations. | <u>0</u>                     | <u>0</u>                        |

IV. I certify that I am personally familiar with the above information and all attachments and that I believe the information to be true, accurate, and complete.

Date 2-20-85

Signature Terry Naylor

Name Terry Naylor

Title Dist. Prod. Supt.

Complete all blanks - add pages if needed.

Copy to be retained for 5 years after filing date.