

Reporting Period 1984

*File Under Doc 33*

Is not entered on the computer

DOCKET NO. E-2226 [ ] West  
RCC KDHE [X] East

SE/4 SEC 29, T 23S, R 10 [ ] West  
[X] East

ANNUAL REPORT OF PRESSURE MONITORING,  
FLUID INJECTION AND ENHANCED RECOVERY

Lease Name Thrall Well# 8"B"  
(if battery of wells, attach list with locations)

Operator License Number 5721

Feet from X/S section line -0-

Operator: Glacier Petroleum Company  
Name & P.O. Box 577  
Address Emporia, Kansas 66801

Feet from X/E section line 1056

Field Thrall-Aagard

County Greenwood

Contact Person J. C. Hawes  
Phone 316-342-1148

Disposal [ ] or Enhanced Recovery [ X ]

Person (s) responsible for monitoring well Lyndel DeBoer  
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 N/A ppm/mgm/liter  
[ X ] brine treated other: \_\_\_\_\_ Additives N/A  
[ ] brine untreated \_\_\_\_\_ (attach water analysis, if available)  
[ ] water/brine mixture \_\_\_\_\_

TYPE COMPLETION:

[ X ] tubing & packer packer setting depth 2278 feet.  
[ ] packerless (tubing-no packer) Maximum authorized pressure 1000 psi.  
[ ] tubingless (no tubing) Maximum authorized rate 5000 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>14800</u>	<u>31</u>	<u>100</u>	<u>75</u>	<u>0</u>	<u>0</u> <i>464988</i>
Feb.	<u>15190</u>	<u>29</u>	<u>100</u>	<u>75</u>	<u>0</u>	<u>0</u>
Mar.	<u>17235</u>	<u>31</u>	<u>150</u>	<u>125</u>	<u>0</u>	<u>0</u>
Apr.	<u>31960</u>	<u>30</u>	<u>100</u>	<u>75</u>	<u>0</u>	<u>0</u>
May	<u>30140</u>	<u>28</u>	<u>180</u>	<u>75</u>	<u>0</u>	<u>0</u>
June	<u>26720</u>	<u>30</u>	<u>500</u>	<u>300</u>	<u>0</u>	<u>0</u>
July	<u>34945</u>	<u>31</u>	<u>600</u>	<u>520</u>	<u>0</u>	<u>0</u>
Aug.	<u>35995</u>	<u>31</u>	<u>620</u>	<u>600</u>	<u>0</u>	<u>0</u>
Sept.	<u>23445</u>	<u>30</u>	<u>600</u>	<u>540</u>	<u>0</u>	<u>0</u>
Oct.	<u>33120</u>	<u>31</u>	<u>570</u>	<u>500</u>	<u>0</u>	<u>0</u>
Nov.	<u>32690</u>	<u>30</u>	<u>600</u>	<u>560</u>	<u>0</u>	<u>0</u>
Dec.	<u>33085</u>	<u>31</u>	<u>600</u>	<u>570</u>	<u>0</u>	<u>0</u>

Well tests and the results during reporting period:

\*For disposal wells complete page 1 plus section IV 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 II and III for each docket (project).

RECEIVED  
STATE CORPORATION COMMISSION  
12/83 Form U3C  
OCT 11 1985

Project Thrall DOCKET # C-2226 [ ] for 198 4

- II. Type of Secondary Recovery (check one if appropriate; does not apply to disposal well)
- Controlled waterflood [W]
  - 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: Bartlesville Depth 2292 feet. Average Thickness 30 feet.

Oil Gravity 39 API

Production wells from this docket:

- a. Total number producing during reporting year 16.
- b. Number drilled in reporting year 0.
- c. Number abandoned in reporting year 0.
- d. Total number of injection wells assisting production this project 5.

*see attach sheets 215.*  
*1 "pure" control water flood*  
*5 polymer/micellar flood.*  
*6 sheets.*

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.

	<u>Current Year</u>	<u>Cumulative</u>
A. Liquid injected or dumped into producing zone (BBLs) (from side one for current year)	<u>329325</u>	<u>1325000</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>19913</u>	<u>300000</u>
D. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)	<u>15000</u>	<u>200000</u>
E. Oil recovered by <u>Tertiary Recovery</u> 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, <u>but excluding</u> oil recovered by waterflood, pressure maintenance, or dump flood operations.	<u>5000</u>	<u>7000</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 10/08/85

Signature William H. Davis  
Name William H. Davis  
Title Office Manager

Complete all blanks - add pages if needed.  
Copy to be retained for 5 years after filing date.