

Reporting Period 1984

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

DOCKET NO. 2-16617 [95,757-C]  
KCC KDHE

X

SEC 30, T 24 S, R 11 [ ] West  
[X] East

ANNUAL REPORT OF PRESSURE MONITORING,  
FLUID INJECTION AND ENHANCED RECOVERY

Lease Name WIGGINS "B" Well# W-10  
(if battery of wells, attach list with  
locations)

Feet from N/S section line 2640' FNI

Operator License Number 7685

Feet from W/E section line 1320' FWL

Operator: BARNARD WELLS Co.  
Name & GEORGE A. BARNARD  
Address ROUTE 2, BOX 55  
EUREKA, KANSAS 67045

Field WIGGINS

County GREENWOOD

Contact Person SAME  
Phone 316-678-3895

Disposal [ ] or Enhanced Recovery [X]

Person (s) responsible for monitoring well GEORGE A. BARNARD  
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: DOUGLAS  
Quality: Total dissolved solids \_\_\_\_\_ ppm/mgm/liter  
Additives \_\_\_\_\_  
(attach water analysis, if available)

TYPE COMPLETION:

[X] tubing & packer packer setting depth 1738 feet.  
[ ] packerless (tubing-no packer) Maximum authorized pressure 1000 psi.  
[ ] tubingless (no tubing) Maximum authorized rate 800 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>24,800</u>	<u>31</u>	<u>830</u>	<u>820</u>	<u>D</u>	<u>D</u>
Feb.	<u>23,200</u>	<u>29</u>	<u>820</u>	<u>810</u>	<u>D</u>	<u>D</u>
Mar.	<u>24,800</u>	<u>27</u>	<u>800</u>	<u>790</u>	<u>D</u>	<u>D</u>
Apr.	<u>24,000</u>	<u>30</u>	<u>800</u>	<u>790</u>	<u>D</u>	<u>D</u>
May	<u>24,000</u>	<u>30</u>	<u>800</u>	<u>790</u>	<u>D</u>	<u>D</u>
June	<u>24,800</u>	<u>28</u>	<u>760</u>	<u>740</u>	<u>D</u>	<u>D</u>
July	<u>24,800</u>	<u>31</u>	<u>840</u>	<u>800</u>	<u>D</u>	<u>D</u>
Aug.	<u>24,800</u>	<u>31</u>	<u>840</u>	<u>800</u>	<u>D</u>	<u>D</u>
Sept.	<u>23,100</u>	<u>30</u>	<u>860</u>	<u>850</u>	<u>D</u>	<u>D</u>
Oct.	<u>24,800</u>	<u>31</u>	<u>780</u>	<u>770</u>	<u>D</u>	<u>D</u>
Nov.	<u>19,680</u>	<u>30</u>	<u>780</u>	<u>780</u>	<u>D</u>	<u>D</u>
Dec.	<u>24,800</u>	<u>31</u>	<u>780</u>	<u>780</u>	<u>D</u>	<u>D</u>

Well tests and the results during reporting period:

FEB 20 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 WILKINS "B" W-10 DOCKET # C-16617 [95-757-C] for 1984

- 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: CATTLEMAN                      Depth 1762 feet.                      Average Thickness 15 feet.  
Oil Gravity 38 API

- Production wells from this docket:
- a. Total number producing during reporting year 6.
  - b. Number drilled in reporting year 0.
  - c. Number abandoned in reporting year 0.
  - d. Total number of injection wells assisting production this project 2.

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>288</u> <u>287,580</u>	<u>2400</u> <u>2,399,955</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>2,180.2</u>	<u>63.941</u> <u>63.9</u>
D. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)	<u>2,180.2</u>	<u>63.941</u> <u>63.9</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>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 FEBRUARY 13, 1985  
Signature George A. Barnard  
Name GEORGE A. BARNARD  
Title OWNER

Complete all blanks - add pages if needed.

Copy to be retained for 5 years after filing date.