

Reporting Period 1/1/84 - 12/31/84

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

DOCKET NO. E-18,484

KCC

KDHE

NE SEC 11 , T 35 S, R 13 ☒ West ☐ East

ANNUAL REPORT OF PRESSURE MONITORING,  
FLUID INJECTION AND ENHANCED RECOVERY

Lease Name Achenbach "A" Well# 1  
(if battery of wells, attach list with  
locations)

Feet from N/S section line 1980' N

Feet from W/E section line 660' E

Operator License Number 5245

Operator: Okmar Oil Company  
Name & 970 Fourth Financial Center  
Address Wichita, Ks 67202

Field Hardtner

County Barber

Disposal ☐ or Enhanced Recovery ☒

Contact Person Melvyn D. Abels  
Phone 1-316-265-3311

Person (s) responsible for monitoring well Ted Crawford 1-913-628-6101

Was this well/project reported last year? ☒ yes ☐ no

List previous operator if new operator \_\_\_\_\_

### I. INJECTION FLUID:

Type:

☐ fresh water  
☐ brine treated  
☒ brine untreated  
☐ water/brine mixture

Source:

☒ produced water  
other: \_\_\_\_\_

Quality:

Total dissolved solids \_\_\_\_\_ ppm/mgm/liter  
Additives \_\_\_\_\_  
(attach water analysis, if available)

### TYPE COMPLETION:

☒ tubing & packer

☐ packerless (tubing-no packer)

☐ tubingless (no tubing)

packer setting depth 4,900 feet.

Maximum authorized pressure 1,000 psi.

Maximum authorized rate 750 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>5,992</u>                              | <u>31</u>            | <u>-0-</u>                       | <u>-0-</u>                       | <u>-0-</u>                                    | <u>-0-</u>                               |
| Feb.  | <u>7,246</u>                              | <u>29</u>            | <u>-0-</u>                       | <u>-0-</u>                       | <u>-0-</u>                                    | <u>-0-</u>                               |
| Mar.  | <u>7,657</u>                              | <u>31</u>            | <u>-0-</u>                       | <u>-0-</u>                       | <u>-0-</u>                                    | <u>-0-</u>                               |
| Apr.  | <u>6,559</u>                              | <u>30</u>            | <u>-0-</u>                       | <u>-0-</u>                       | <u>-0-</u>                                    | <u>-0-</u>                               |
| May   | <u>7,541</u>                              | <u>31</u>            | <u>-0-</u>                       | <u>-0-</u>                       | <u>-0-</u>                                    | <u>-0-</u>                               |
| June  | <u>7,099</u>                              | <u>30</u>            | <u>-0-</u>                       | <u>-0-</u>                       | <u>-0-</u>                                    | <u>-0-</u>                               |
| July  | <u>7,340</u>                              | <u>31</u>            | <u>-0-</u>                       | <u>-0-</u>                       | <u>-0-</u>                                    | <u>-0-</u>                               |
| Aug.  | <u>6,494</u>                              | <u>31</u>            | <u>-0-</u>                       | <u>-0-</u>                       | <u>-0-</u>                                    | <u>-0-</u>                               |
| Sept. | <u>4,338</u>                              | <u>30</u>            | <u>-0-</u>                       | <u>-0-</u>                       | <u>-0-</u>                                    | <u>-0-</u>                               |
| Oct.  | <u>3,310</u>                              | <u>25</u>            | <u>-0-</u>                       | <u>-0-</u>                       | <u>-0-</u>                                    | <u>-0-</u>                               |
| Nov.  | <u>3,692</u>                              | <u>24</u>            | <u>-0-</u>                       | <u>-0-</u>                       | <u>-0-</u>                                    | <u>-0-</u>                               |
| Dec.  | <u>4,118</u>                              | <u>26</u>            | <u>-0-</u>                       | <u>-0-</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.  
Section II and III for each docket (project).

12/83 Form U3C

CONSERVATION DIVISION  
Wichita, Kansas

STATE CORPORATION COMMISSION  
FEB 19 1985

Project Achenback DOCKET # E-18,484 [ ] 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: Mississippi Depth 4,900 feet. Average Thickness 30 feet.

Oil Gravity 22.0 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 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>71.4</u><br><u>71,386</u> | <u>1508</u><br><u>1,507,526</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>3.8</u><br><u>3,807</u>   | <u>75.3</u><br><u>75,304</u>    |
| D. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)                                                                                                                                                                                      | <u>-0-</u>                   | <u>-0-</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 FEB 5 1985

Signature Melvyn D. Abels

Name Melvyn D. Abels

Title Dist. Prod. Eng.

Complete all blanks - add pages if needed.

Copy to be retained for 5 years after filing date.