

File Under: 36-18-114

Reporting Period 1984

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

DOCKET NO. E-9151 []
KCC KDHE

SE/4 SEC 36, T 18 S, R 11 [X] West
[] East

ANNUAL REPORT OF PRESSURE MONITORING,
FLUID INJECTION AND ENHANCED RECOVERY

Lease Name Mary Ida Unit Well# 1
(if battery of wells, attach list with
locations)

Feet from N/S section line 1650

Operator License Number 6854

Feet from W/E section line 990

Operator: Sohio Petroleum Company
Name & 50 Penn Place, Suite 1100
Address Oklahoma City, OK 73118

Field Mary Ida

County Barton

Contact Person G. J. Plisga
Phone 405-848-7571

Disposal [] or Enhanced Recovery [X]

Person (s) responsible for monitoring well D. E. Wilson

Was this well/project reported last year? [] yes [X] no

List previous operator if new operator _____

I. INJECTION FLUID:

Type: [] fresh water [X] produced water [] brine treated other: WSW [] brine untreated [X] water/brine mixture
Quality: Total dissolved solids _____ ppm/mgm/liter
Additives Nalco 3999 (bacteriacide)
(attach water analysis, if available)

TYPE COMPLETION:

[X] tubing & packer packer setting depth 2859 feet.
[] packerless (tubing-no packer) Maximum authorized pressure 1000 psi.
[] tubingless (no tubing) Maximum authorized rate 1000 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>1540</u>	<u>31</u>	<u>800</u>	<u>Not Recorded</u>	<u>0</u>	<u>0</u>
Feb.	<u>1520</u>	<u>29</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
Mar.	<u>1330</u>	<u>31</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
Apr.	<u>1450</u>	<u>30</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
May	<u>5540</u>	<u>31</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
June	<u>5790</u>	<u>30</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
July	<u>3240</u>	<u>31</u>	<u>300</u>	<u>"</u>	<u>"</u>	<u>"</u>
Aug.	<u>3060</u>	<u>31</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
Sept.	<u>3070</u>	<u>30</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
Oct.	<u>4770</u>	<u>31</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
Nov.	<u>4630</u>	<u>30</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
Dec.	<u>4720</u>	<u>31</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</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).

12/83 Form U3C

Project MIU Waterflood DOCKET # E-9151 [] 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: Lansing-Kansas City Depth 3000 feet. Average Thickness 300 feet.
 Oil Gravity _____ API

Production wells from this docket:

- a. Total number producing during reporting year 5.
- b. Number drilled in reporting year 0.
- c. Number abandoned in reporting year 0.
- d. Total number of injection wells assisting production this project 10.

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>470</u> 470,370	<u>10477</u> 10,476,980
B. Gas or air injected into producing zone (MCF)	<u>0</u>	<u>0</u> 486
C. Oil production from project area (BBLS) (Total)	<u>7,986</u> ^{8.0}	485,653
D. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)	<u>3,194</u> ^{3.2}	<u>194</u> 194,261
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 4-8-85

Signature Ralph C. Aldrich
 Name Gary Plisga
 Title District Production Superintendent

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