

Reporting Period 1-1-84 thru 12-31-84

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

DOCKET NO. CR-11801  
KCC

[X] 20,004  
KDHE

SW/4 SEC 22 ,T 21 S,R 21 [X] West  
[ ] East

ANNUAL REPORT OF PRESSURE MONITORING,  
FLUID INJECTION AND ENHANCED RECOVERY

Lease Name Sieverling Well# 3  
(if battery of wells, attach list with  
locations)

Feet from N/S section line 1650

Operator License Number 8759

Feet from W/E section line 1650

Operator:

Name & MACK ENERGY CO.  
Address P.O. Box 400  
Duncan, OK 73534

Field Eakin

County Hodgeman

Disposal[ ] or Enhanced Recovery[ X ]

Contact Person O.D. Mellott  
Phone (316) 793-8721

Person (s) responsible for monitoring well O.D. Mellott

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

List previous operator if new operator Mack Oil Co.

### I. INJECTION FLUID:

Type: Source: Quality:  
[ ] fresh water [X] produced water Total dissolved solids N/A ppm/mgm/liter  
[ ] brine treated other: Additives N/A  
[X] brine untreated (attach water analysis, if available)  
[ ] water/brine mixture

### TYPE COMPLETION:

[X] tubing & packer packer setting depth 3898 feet.  
[ ] packerless (tubing-no packer) Maximum authorized pressure 500 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.	2604	31	-0-	-0-	-0-	-0-
Feb.	2048	26	-0-	-0-	-0-	-0-
Mar.	2604	31	-0-	-0-	-0-	-0-
Apr.	2700	30	-0-	-0-	-0-	-0-
May	2635	31	-0-	-0-	-0-	-0-
June	2520	30	-0-	-0-	-0-	-0-
July	3069	31	-0-	-0-	-0-	-0-
Aug.	2945	31	-0-	-0-	-0-	-0-
Sept.	2256	30	-0-	-0-	-0-	-0-
Oct.	2604	31	-0-	-0-	-0-	-0-
Nov.	2430	30	-0-	-0-	-0-	-0-
Dec.	3720	31	-0-	-0-	-0-	-0-

Well tests and the results during reporting period:

STATE CORPORATION COMMISSION

MAR 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).

12/83 Form U3C

• Project Sieverling DOCKET # CR-11801 [ C-20,004 ] for 1984

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

[ ] Controlled waterflood [W]  
[ ] Pressure maintenance [P]  
[ X ] Dump flood [D]

Type of Tertiary Recovery Project (check one if appropriate)

[ ] Steam Flood [S] [ ] Fire Flood [F] [ ] Surfactant Chemical Flood [C]  
[ ] CO<sub>2</sub> Injection [O] [ ] Air Injection [A] [ ] N<sub>2</sub> Injection [N]  
[ ] Natural Gas Injection [G] [ ] Polymer/Micellar Flood [P] [ ] Other

Oil Producing Zone:

Name: Mississippian Depth 4289 feet. Average Thickness 9 feet.

Oil Gravity 35 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>32,135</u> <sup>32.1</sup>	<u>150,227</u> <sup>150</sup>
B. Gas or air injected into producing zone (MCF)	<u>-0-</u>	<u>-0-</u>
C. Oil production from project area (BBLS) (Total)	<u>5,303</u> <sup>5.3</sup>	<u>125,325</u> <sup>125</sup>
D. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)	<u>5,303</u> <sup>5.3</sup>	<u>24,255</u> <sup>24.3</sup>
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 3-21-85

Signature Chris F. Cain

Name Chris F. Cain

Title Prod. Engineer

Complete all blanks - add pages if needed.

Copy to be retained for 5 years after filing date.