

Reporting Period JAN. - DEC. 1984

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

DOCKET NO. CPM-1781 E-19268
KCC KDHE

X NE 1/4 SEC 9, T 24 S, R 18 [] West
[X] East

ANNUAL REPORT OF PRESSURE MONITORING,
FLUID INJECTION AND ENHANCED RECOVERY

Lease Name West Riggs Well# 19
(if battery of wells, attach list with
locations)

Feet from N section line 2,228'

Feet from W section line 165'

Operator License Number 7969

Field Carlyle Pool

Operator: Carmel Energy Inc.
Name & Box 125
Address Tola, KS. 66749

County Allen

Disposal [] or Enhanced Recovery [X]

Contact Person Bill Sailor
Phone 316 365 6049

Person (s) responsible for monitoring well Brent Capper
Was this well/project reported last year? [] yes [X] no
List previous operator if new operator LAYTON OIL

I. INJECTION FLUID:

Type: [] fresh water [X] produced water [] other: _____
[] brine treated [] brine untreated [] water/brine mixture
Quality: Total dissolved solids _____ ppm/mgm/liter
Additives NONE
(attach water analysis, if available)

TYPE COMPLETION:

[X] tubing & packer packer setting depth 958' feet.
[] packerless (tubing-no packer) Maximum authorized pressure 750 psi.
[] tubingless (no tubing) Maximum authorized rate _____ 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>20,340</u>	<u>31</u>	<u>300</u>	<u>300</u>	<u>0</u>	<u>NONE</u>
Feb.	<u>17,530</u>	<u>29</u>				
Mar.	<u>20,655</u>	<u>31</u>				
Apr.	<u>20,938</u>	<u>30</u>				
May	<u>26,804</u>	<u>31</u>				
June	<u>26,211</u>	<u>30</u>				
July	<u>27,295</u>	<u>31</u>				
Aug.	<u>29,822</u>	<u>31</u>				
Sept.	<u>25,824</u>	<u>30</u>				
Oct.	<u>22,867</u>	<u>31</u>				
Nov.	<u>26,759</u>	<u>30</u>				
Dec.	<u>27,539</u>	<u>31</u>				

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STATE CORPORATION COMMISSION
MAR 27 1985
CONSERVATION DIVISION
Wichita, Kansas

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 Carlyle Pool DOCKET # CPM 1781 [] 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 ☒ Other Flood [P]

Oil Producing Zone:

Name: Barthesville Depth 1068 feet. Average Thickness 18 feet.

Oil Gravity 19.8 API

Production wells from this docket:

- a. Total number producing during reporting year 69.
b. Number drilled in reporting year 13.
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>293</u> <u>292,584</u>	<u>1065</u> <u>4,065,138</u>
B. Gas or air injected into producing zone (MCF)	<u>NONE</u>	<u> </u>
C. Oil production from project area (BBLs) (Total)	<u>36,346</u> ^{36.3}	<u>170,096</u> ¹⁷⁰
D. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)	<u>36,346</u> ^{36.3}	<u>170,096</u> ¹⁷⁰
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>NONE</u>	<u>NONE</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 3/20/85

Signature Bill Sailor

Name Bill Sailor

Title Lease Manager

Complete all blanks - add pages if needed.

Copy to be retained for 5 years after filing date.