

# BERENTZ DRILLING CO.

ROTARY AND CABLE TOOL DRILLING

EUREKA, KANSAS 67045

PHONE 583-5202

August 29, 1985

State Corporation Commission  
Conservation Division  
200 Colorado Derby Building  
202 W. 1st Street  
Wichita, Kansas 67202-1286

Re: Berentz Drilling Co.  
Schwab Lease  
E/2 Section 9-24-10E  
Greenwood County, Ks  
Docket #CR-28015

E-19,804

Dear Sharii:

We are dropping our water flood permit Docket #CR-28015 (C-19804). We have discontinued injecting water into the Viola. We are now using our Schwab well #3 which we have a disposal permit docket #CD-87915 (C-19629).

The well #3 is taking the water through fiberglass tubing and packer into the Arbuckle on a vacuum.

I am enclosing the 1984 annual report. This shows cumulative water injected to present.

Very truly yours,

Jack Berentz

Enclosure

JRB/sle

Reporting Period 1984

DOCKET NO. CR-28015 : [ 19,804 ]  
KCC KDHE

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

X SEC 9, T 24 S, R 10 [ ] West  
[ X ] East

ANNUAL REPORT OF PRESSURE MONITORING,  
FLUID INJECTION AND ENHANCED RECOVERY

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

Operator License Number 9647

Feet from N/S section line 990'  
Feet from W/E section line 990'

Operator: Berentz Operating Company  
Name & Box 428  
Address Eureka, Kansas 67045

Field Schwab  
County Greenwood

Disposal [ ] for Enhanced Recovery [ X ]

Contact Person Jack Berentz  
Phone 316-583-5202

Person (s) responsible for monitoring well Barney Nordmeyer  
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 Quality: Total dissolved solids \_\_\_\_\_ ppm/mgm/liter  
[ ] brine treated other: \_\_\_\_\_ Additives \_\_\_\_\_  
[ ] brine untreated (attach water analysis, if available)  
[ ] water/brine mixture

TYPE COMPLETION:

[ X ] tubing & packer packer setting depth 2700 feet.  
[ ] packerless (tubing-no packer) Maximum authorized pressure 400 psi.  
[ ] tubingless (no tubing) Maximum authorized rate 500 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>7200</u>	<u>31</u>	<u>400</u>	<u>350</u>	<u>0</u>	<u>0</u>
Feb.	<u>6503</u>	<u>28</u>	<u>400</u>	<u>350</u>	<u>0</u>	<u>0</u>
Mar.	<u>7200</u>	<u>31</u>	<u>400</u>	<u>350</u>	<u>0</u>	<u>0</u>
Apr.	<u>6967</u>	<u>30</u>	<u>400</u>	<u>350</u>	<u>0</u>	<u>0</u>
May	<u>7200</u>	<u>31</u>	<u>400</u>	<u>350</u>	<u>0</u>	<u>0</u>
June	<u>6967</u>	<u>30</u>	<u>400</u>	<u>350</u>	<u>0</u>	<u>0</u>
July	<u>7200</u>	<u>31</u>	<u>400</u>	<u>350</u>	<u>0</u>	<u>0</u>
Aug.	<u>7200</u>	<u>31</u>	<u>400</u>	<u>350</u>	<u>0</u>	<u>0</u>
Sept.	<u>6967</u>	<u>30</u>	<u>400</u>	<u>350</u>	<u>0</u>	<u>0</u>
Oct.	<u>7200</u>	<u>31</u>	<u>400</u>	<u>350</u>	<u>0</u>	<u>0</u>
Nov.	<u>6967</u>	<u>30</u>	<u>400</u>	<u>350</u>	<u>0</u>	<u>0</u>
Dec.	<u>7200</u>	<u>31</u>	<u>400</u>	<u>350</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 of  
Section II and III for each docket (project).

12/83 Form U3C

Project Schwab DOCKET # CR-28015 [ C-19,804 ] 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: Viola      Depth 2760 feet.      Average Thickness 9 feet.

Oil Gravity 27.0 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.

	<u>Current Year</u>	<u>Cumulative</u>
A. Liquid injected or dumped into producing zone (BBLs) (from side one for current year)	<u>84,771</u>	<u>318,831</u>
B. Gas or air injected into producing zone (MCF)	<u>                    </u>	<u>                    </u>
C. Oil production from project area (BBLs) (Total)	<u>1,998</u>	<u>40,948</u>
D. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)	<u>                    </u>	<u>                    </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>                    </u>	<u>                    </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 8-29-85

Signature Jack Berentz

Name Berentz Operating Company

Title Owner

RECEIVED  
STATE CORPORATION COMMISSION

Complete all blanks - add pages if needed.

Copy to be retained for 5 years after filing date.