

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

LSE NAME : NOVINGER FIELD UNIT 1565412
WELL NO : 1001W
TYPE OF WELL: WATER INJECTION
DOCKET : KCC (4924) KDHE

ANNUAL REPORT OF PRESSURE MONITORING,
FLUID INJECTION AND ENHANCED RECOVERY

LEASE LEGAL DESCRIPTION
C NE4 NE4 SEC 3 34S 30W

REPORTING PERIOD: 01-84 - 12-84

OPERATOR LICENSE NUMBER 5447

OPERATOR: CITIES SERVICE OIL & GAS CORP.
NAME & 3545 N.W. 58TH ST.
ADDRESS OKLAHOMA CITY, OK 73112

FIELD : NOVINGER
COUNTY : MEADE
CONTACT: RICHARD E. ADAMS
PHONE : 405/949-4400

INJECTION FLUID:

TYPE:
BRINE TREATED

SOURCE:
() PRODUCED WATER

QUALITY:
TOTAL DISSOLVED SOLIDS _____ PPM OR MGM/LITER

OTHER : PBO2 SHSD

ADDITIVES
(ATTACH WATER ANALYSIS, IF AVAILABLE)

TYPE COMPLETION:

(X) TUBING & PACKER
() TUBING - NO PACKER
() NO TUBING

PACKER SETTING DEPTH 5158 FEET.
MAXIMUM AUTHORIZED PRESSURE 800 PSI.
MAXIMUM AUTHORIZED RATE 608 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.	18600	31	1150	1150	0	
FEB.	21614	29	1150	1150	0	
MAR.	6523	29	1150	1150	0	
APR.	8476	30	1180	1180	0	
MAY	6958	31	1180	1180	0	
JUNE	5859	31	1150	1150	0	
JULY	4203	31	1150	1150	0	
AUG.	0	31	1150	1150	0	
SEPT.	0	0			0	
OCT.	1	31	125	125	0	
NOV.	1	30	125	125	0	
DEC.	1	31	125	125	0	

WELL TESTS AND THE RESULTS DURING REPORTING PERIOD:

Project Novinger Field Unit DOCKET # D-4924 [] 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: Marmaton Depth 5297 feet. Average Thickness 14 feet.

Oil Gravity 44.9 API

Production wells from this docket:

- a. Total number producing during reporting year 9.
b. Number drilled in reporting year -0-.
c. Number abandoned in reporting year -0-.
d. Total number of injection wells assisting production this project 8.

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>521</u> 520831	<u>27829</u> 27829185
B. Gas or air injected into producing zone (MCF)	<u>-0-</u>	<u>-0-</u>
C. Oil production from project area (BBLs) (Total)	<u>21.3</u> 21306	<u>4738</u> 4738161
D. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)	<u>21.3</u> 21306	<u>3664</u> 3663917
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 2-5-85

Signature Richard E. Adams

Name Richard E. Adams

Title Oil and Gas Supervisor

Complete all blanks - add pages if needed.

Copy to be retained for 5 years after filing date.