

5576

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

DOCKET NO. C-54,870 [ ]  
KCC KDHE

X SEC 9, T 30 S, R 8 [X] West  
[-] East

ANNUAL REPORT OF PRESSURE MONITORING,  
FLUID INJECTION AND ENHANCED RECOVERY

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

Operator License Number 6196

Feet from N/8 section line 990

Feet from W/E section line 990

Operator:  
Name & Address Sun Exploration & Production Co.  
525 Central Park Drive  
Oklahoma City, OK 73105

Field Spivey-Grabs

County Kingman

Contact Person Mike Malone  
Phone (405) 556-9800

Disposal [ ] for Enhanced Recovery [X]

Person (s) responsible for monitoring well John Heck  
Was this well/project reported last year? [X] Yes [ ] No  
List previous operator if new operator \_\_\_\_\_

I. INJECTION FLUID:

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

TYPE COMPLETION:

[ ] tubing & packer packer setting depth 4157 feet.  
[ ] packerless (tubing-no packer) Maximum authorized pressure 500 psi.  
[ ] tubingless (no tubing) Maximum authorized rate 100 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>2890</u>	<u>31</u>		<u>400</u>		
Feb.	<u>3096</u>	<u>29</u>		<u>420</u>		
Mar.	<u>3304</u>	<u>31</u>		<u>420</u>		
Apr.	<u>3068</u>	<u>30</u>		<u>420</u>		
May	<u>3224</u>	<u>31</u>		<u>380</u>		
June	<u>3051</u>	<u>30</u>		<u>400</u>		
July	<u>2660</u>	<u>31</u>		<u>400</u>		
Aug.	<u>3212</u>	<u>31</u>		<u>410</u>		
Sept.	<u>3906</u>	<u>30</u>		<u>410</u>		
Oct.	<u>3264</u>	<u>31</u>		<u>410</u>		
Nov.	<u>3024</u>	<u>30</u>		<u>410</u>		
Dec.	<u>2496</u>	<u>31</u>		<u>410</u>		

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STATE CORPORATION COMMISSION  
FEB 05 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 B and C for each docket (project).

Project Higgins DOCKET # C-54,870 [ 5576 ] 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: None      Depth N/A feet.      Average Thickness N/A feet.

Oil Gravity N/A API

Production wells from this docket:

- a. Total number producing during reporting year 0.  
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>36,385</u> <sup>36.4</sup>	<u>395,185 est</u> <sup>395</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>0</u>	<u>0</u>
D. Oil production resulting from secondary recovery: (Oil recovered by Dumpflood, Waterflood, Pressure Maintenance by water injection)	<u>0</u>	<u>0</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>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 Jan 31, 1985

Signature [Signature]  
Name Mike Malone  
Title Production Supervisor

Complete all blanks - add pages if needed.

Copy to be retained for 5 years after filing date.