

15.175.20575.0000  
 STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

EFD 12-1-86

Form C-5 Revised

Conservation Division

TYPE TEST: Initial    Annual    Workover    Reclassification    TEST DATE:

Company: Cities Service Oil & Gas Corp    Lease: Copper G    Well No.: 3

County: Seward    Location: 675' FNL 2300 FEL    Section: 26    Township: 32S    Range: 33W    Acres: 40

Field: Lemert    Reservoir: Chastor    Pipeline Connection: Northon Natural

Completion Date: 2-25-82    Type Completion (Describe): single part    Plug Back T.D.: 5694    Packer Set At:

Production Method: Pumping    Type Fluid Production: oil & water    API Gravity of Liquid/Oil: 39.7

Flowing Casing Size: 5 1/2    Weight: 14.0 #    I.D.:    Set At: 5837    Perforations: 5642    To: 5648

Tubing Size: 2 3/4    Weight:    I.D.:    Set At: 5672    Perforations:    To:

Pretest: Starting Date:    Time:    Ending Date:    Time:    Duration Hrs.

Test: Starting Date: 9-29-86    Time: 10:15 A    Ending Date: 9-29-86    Time: 10:15 A    Duration Hrs.: 24 hr.

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:		Tubing:								
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	300	5443	4	2 1/2	84.17	4	4 1/2	87.51	4.0	3.34
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range				
Pipe Taps:	Flange Taps:		Differential:		Static Pressure:		
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure		Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (Pd)		
Orifice Meter							
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
Gas Prod. MCFD Flow Rate (R):	<u>36</u>		Oil Prod. Bbls./Day: <u>3.34</u>	Gas/Oil Ratio (GOR) = <u>10.7</u>		Cubic Ft. per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 29 day of Sept 1986

For Offset Operator

*James P. Ray*  
 For State

*Lawrence B. Huffer*  
 STATE CORPORATION COMMISSION  
 For Company

DEC 4 1986 12-4-86

# PRODUCTIVITY TEST BARREL TEST

\* RULE 82-3-202 of the General Rules and Regulations of the State of Kansas:

Productivities, when to be taken. (f) Pool tests. Pool tests shall be taken as ordered by the Commission at twelve month intervals thereafter.

COUNTY Seward  
 FIELD Lemert  
 PRODUCING FORMATION Chester  
 OPERATOR Cities Service Oil Co  
 LEASE Cooper

EFFECTIVE DATE \_\_\_\_\_  
 (Office use only)  
 PURCHASER Petro Source  
 ADDRESS \_\_\_\_\_  
 (if new operator)

* WELL NO.	SEC.	TWP.	RGE.	BOPD	WATER %	DATE TAKEN
1. <u>B-3</u>	<u>26</u>	<u>32</u>	<u>33</u>	<u>334</u>	<u>57</u>	<u>9-29-86</u>
2. _____	_____	_____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____	_____	_____

FIELDMAN'S REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

WITNESSES:

James R. Kay FOR STATE      Lewis E. Hauler FOR OPERATOR      \_\_\_\_\_ FOR OFFSET

\*NOTE: IF THE WELL IS TEMPORARILY ABANDONED AT TIME OF TEST, BUT AT A LATER DATE IS PUT ON PUMP, PLEASE HAVE IT TESTED AT THAT TIME. THIS PREVENTS OVERPRODUCTION ON THE TABLE "B" REPORT. TO SCHEDULE A TEST CALL: DISTRICT OFFICE #6, 1014 CODY, HAYS, KANSAS 67601 (913) 628-1200.

**STATE CORPORATION COMMISSION OF KANSAS.**

**CONSERVATION DIVISION**

STATE CORPORATION COMMISSION  
**DEC 4 1986**  
 CONSERVATION DIVISION  
 Wichita, Kansas

