

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

EFD 10-1-86

Conservation Division

15-189-20743-8000 Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: Cities Service Oil & Gas Corp Lease: Hudkins B- Well No. 1

County: Stevens Location: 554 FSL 554 FEL Section: 24 Township: 34S Range: 35W Acres: 40

Field: KINNEY Reservoir: Chester Pipeline Connection: Sparte Fe Minerals

Completion Date: 8-10-84 Type Completion (Describe): Single Prod Plug Back T.D.: 6610 Packer Set At:

Production Method: Type Fluid Production API Gravity of Liquid/Oil: 38.1

Flowing Pumping Gas Lift

Casing Size	Weight	I.D.	Set At	Perforations	To
5 1/2	40.0		6649	6455	6492
Tubing Size	Weight	I.D.	Set At	Perforations	To
2 3/8	4.7		6459		

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date Time Ending Date Time Duration Hrs.

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:								9	12
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): 63 Oil Prod. Bbls./Day: 12 Gas/Oil Ratio (GOR) = 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 25 day of Sept 19 86

For Offset Operator: *James R. [Signature]* For State  
 For Company: *[Signature]*

OCT 1 1986  
 10-01-86