

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

EFD 10-1-86

Conservation Division

15-189-20760-0000 Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: Cities Service Oil Co. Corp Lease: Hudkins B Well No.: 2

County: Stevens Location: 1924 FSL 554 FEL Section: 24 Township: 34S Range: 35W Acres: 40

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

Completion Date: 11-27-84 Type Completion (Describe): Single Perf Plug Back T.D.: 6605 Packer Set At:

Production Method: Pumping Gas Lift Type Fluid Production: oil & water API Gravity of Liquid/Oil: 38.9

Casing Size: 5 1/2 Weight: 14.0 I.D.: Set At 6624 Perforations: 6450 To: 6480

Tubing Size: 2 3/8 Weight: 4.7 I.D.: Set At 6465 Perforations: To

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	Feet	Inches	Water	Oil
Pretest:							
Test:						15	13
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.	Gravity	Flowing	
			In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
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: 125 Oil Prod. Bbls./Day: 13 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 1986

For Offset Operator: James Rapp For State  
 For Company: Lewis P. Hoover

OCT 1 1986

10-01-86