

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: Cities Service Oil & Gas Lease: Marteney Well No.: 3-2

County: Seward Location: 990 NB 990 WB Section: 20 Township: 32 Range: 34 Acres: 80

Field: Reservoir: Morrow Pipeline Connection:

Completion Date: 1-27-86 Type Completion(Describe): Single Plug Back T.D.: 6335 Packer Set At:

Production Method: Pumping Type Fluid Production: Oil API Gravity of Liquid/Oil: 43.3 @ 49

Flowing Casing Size: 5 1/2 Weight: 14 I.D.: 64.49 Perforations: 5812 - 5818

Tubing Size: 2 3/8 Weight: 4.7 I.D.: 58.10 Perforations: To

Pretest: Starting Date: 1-30 Time: 10:30 AM Ending Date: 1-31 Time: 10:30 Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
22									
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:									
Test:	300	9	4	187.04	11	0	220.44	Trace	33.0

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 In. Water	Tester Pressure In. Merc.	Pressure (Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester	2	1/4			8 PSIG			

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: 27 Oil Prod. Bbls./Day: 33 Gas/Oil Ratio (GOR) = 818 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 31 day of Jan 1986

For Offset Operator: [Signature] For State FFR 4 1986 For Company: [Signature]