

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-095-20510-8001 Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 11-11-86

Company Texaco Inc Lease D.E. Bertholf Well No. 4

County Kingman Location NE-SW Section 23 Township 29 Range 8 Acres 160

Field Belmont Center Reservoir KC & Miss Pipeline Connection Texaco - Permian

Completion Date 9-17-76 Type Completion (Describe) Gas Plug Back T.D. Packer Set At

Production Method: Flowing Pumping Gas Lift 0.1 - Water API Gravity of Liquid/Oil 36

Casing Size 5 7/8 Weight 15.6 I.D. Set At 4275 Perforations 3883 To 4216

Tubing Size 2 3/8 Weight 4.7 I.D. Set At 4189 Perforations To

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

Test: Starting Date SI 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:		<u>SI</u>								
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	<u>4</u>	<u>1.250</u>						
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)
<u>4.874</u>		<u>65.48</u>	<u>1.240</u>			

Gas Prod. MCFD Flow Rate (R): Oil Prod. Bbls./Day: 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 11 day of Nov 19 86

For Offset Operator _____ For State _____ For Company Vernon B. Pugh

DEC 4 1986
 12-04-86
 CONSERVATION DIVISION
 Wichita, Kansas