

STATE OF KANSAS - CORPORATION COMMISSION

PRODUCTION TEST & GOR REPORT

15-095-20388-0000 Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 8-3-84

Company: Texaco Inc. Lease: DE. Berthoff Well No.: 2

County: Kingman Location: 100' sw-c-sw-sw Section: 23 Township: 29 Range: 8 Acres: 160

Field: Belmont Center Reservoir: Miss. Pipeline Connection: PNP - Permian

Completion Date: 8-22-76 Type Completion(Describe): 0.1 Plug Back T.D.: 4236' Packer Set At

Production Method: Pumping Gas Lift Type Fluid Production: Oil - Water API Gravity of Liquid/Oil: 36.

Flowing Casing Size: 5 1/2 Weight: 15.5 I.D.: 4270 Set At Perforations: 7162 To: 4210

Tubing Size: 3 1/2 Weight: 9.2 I.D.: 4224 Set At 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	Barrels	Feet	Inches	Barrels	Water	Oil
<u>1.67</u>									
Pretest:									
Test:	<u>200</u>							<u>680</u>	<u>40</u>
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps:		Differential:			Static Pressure:		
	<u>✓</u>		<u>100</u>			<u>500</u>		
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover In. Water	Tester In. Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity (Gg)	Flowing Temp. (t)
Orifice Meter	<u>4</u>	<u>1.250</u>						
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coëff. (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	Oil Prod. Bbls./Day:	Gas/Oil Ratio (GOR) =	Cubic Ft. per Bbl.			
Flow Rate (R): <u>150 mcf</u>	<u>40</u>	<u>3,750</u>				

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 4th day of August 1984

For Offset Operator: W. King For State: John H. Baldy For Company: John H. Baldy