

15-151-21766-00-00

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 3-19-86
 Company W.K. Black Lease Studer Well No. 4
 County Peaff Location NE 54 NW Section 9 Township 27 Range 12 Acres 120
 Field Miss Reservoir Miss Pipeline Connection Inland
 Completion Date 3-8-86 Type Completion (Describe) Ref. & set spec. Plug Back T.D. 4365 Packer Set At N/A.
 Production Method: Pumping Type Fluid Production Oil API Gravity of Liquid/Oil 40
 Flowing Pumping Gas Lift 0
 Casing Size 4 1/2 Weight 10.5 I.D. 4.386 Set At 4395 Perforations 4135 To 4160
 Tubing Size 2 3/8 Weight 4.7 I.D. 4.204 Set At Perforations To

Pretest: Starting Date 3-19-86 Time 1:30 Ending Date 3-20-86 Time 1:30 Duration Hrs. 24hrs

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:	<u>250</u>	<u>25217</u>	<u>3</u>	<u>2</u>	<u>64</u>	<u>7</u>	<u>2</u>	<u>144</u>	<u>30</u>	<u>80</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 In. Water	Tester Pressure In. Merc.	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Gcoeff. (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 _____ 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 19th day of March 1986

For Offset Operator _____ For State _____ For Company _____

MAR 31 1986