

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-081-20700-0002
 Form C-5 Revisor

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 8-24-96

Company Helmerich + Payne, Inc. Lease Powell Well No. A-1

County Haskell Location 3240 FSL + 3450 FEL Section 22 Township 29S Range 33W Acres

Field Lemon North Reservoir Kansas City "B" + Marmaton "C" Pipeline Connection Enron

Completion Date 12-20-95 Type Completion (Describe) Single oil Plug Back T.D. 4,870 Packer Set At

Production Method: Type Fluid Production Oil API Gravity of Liquid/Oil 38

Flowing Pumping K Gas Lift Casing Size 5 1/2 weight 14 I.D. 5.012 Set At 5.074 Perforations 4,666 to 4,672 + 4,815 to 4,820 To

Tubing Size 2 3/8 weight 4.7 I.D. 1.995 Set At 4,834 Perforations To

Pretest: Starting Date 8-23-96 Time 8:30 a.m. Ending Date 8-24-96 Time 8:30 a.m. Duration Hr: 24

OIL PRODUCTION OBSERVED DATA

Producing Well	Linead Pressure	Tubing	Separator Pressure	Choke Size
Casing: 60		Tubing: 70		

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	300	9764	2	1	41.8	4	7	91.9		50.
Test:	210	5/w	1	10	66.0	2	3	80.6	14.6	

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range				Static Pressure:	
Pipe Taps:	Flange Taps:	Differential:	Measuring Device		Tester Pressure	Diff. Press.	Gravity	Flowing	
	Run-Prover-Tester	Orifice Meter	In. Water	In. Merc.	Psiz or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)	
Orifice Meter							STATE CORPORATION COMMISSION		
Critical Flow Prover							SEP 1 9 1996		
Orifice Well Tester									

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fb)(OWTC)	Meter-Prover Press. (Psia)	Extension (Fm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fdv)	Chart Factor
			$\sqrt{hw \times Fm}$				
Gas Prod. MCFD		Oil Prod. Bbls./Day:		Gas/Oil Ratio (GOR) =			Cubic per Bbl
Flow Rate (R):		50.1					

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 4 day of Sept 1996

For Offset Operator _____ State For Company *Lawrence J. ...*