

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-007-30395-00-00

Conservation Division

Form C-5 Revised

TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE: 7-24-87

Company: Union Pacific Resources Lease: Davis Ranch "0" Well No. 1

County: Barber Location: Section 36 Township 34 Range 15W Acres

Field: Aetna Reservoir: C W/2 Pipeline Connection: Northwest Central Pipeline Co.

Completion Date: 10-15-64 Type Completion(Describe): Dual Oil & Gas Plug Back T.D. 4859 Packer Set At

Production Method: Pumping Type Fluid Production: Oil & Water API Gravity of Liquid/Oil: 4603

Flowing Casing Size: 5-1/2 Weight: 14 I.D.: 4874 Perforations: 5489 To: 4603

Tubing Size: 2-1/16 Weight: 3.4 I.D.: 4795 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	Feet	Inches	Water Oil
Pretest:						
Test:	210	4	2	58	6 1/2	5
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.	Gravity	Flowing	
			In.Water	In.Merc.	Paig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter	4	.500			121	2.5	.747	80°
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (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)
1.228	135.4	18.39	1.157	.9813	1.017	
Gas Prod. MCFD Flow Rate (R):	26	Oil Prod. Bbls./Day:	5	Gas/Oil Ratio (GOR) =	5,200	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 31st day of August 1987

W. L. Patton

For Offset Operator

For State

For Company

CONSERVATION DIVISION
 Wichita, Kansas

10-22-1987