

15-007-00102-00-00

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & COR REPORT

Conservation Division Form C-5 Revised

TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE: 8-7-87

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

County: Barber Location: NE SE SW Section: 4 Township: 34S Range: 15W Acres: 320

Field: Aetna Reservoir: Cherokee Pipeline Connection: Zenith PipeLine

Completion Date: 12-31-61 Type Completion(Describe): Single Oil & Gas Plug Back T.D.: 4835 Packer Set At: None

Production Method: (Pumping) Gas Lift Type Fluid Production: oil & water API Gravity of Liquid/Oil: 4770

Casing Size: 5-1/2 Weight: 14 I.D.: 4.75 Set At: 4875 Perforations: 4761 To: 4765

Tubing Size: 2-3/8 Weight: 4.7 I.D.: 4.75 Set At: 4793 Perforations: 4770 To: 4774

Pretest: Starting Date: 8-6-87 Time: 11:00 Ending Date: 8-7-87 Time: 11:00 Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
Bbls./In.	Tank Size	Starting Gauge Feet	Inchess	Barrels	Ending Gauge Feet	Inches	Barrels	Net Prod. Bbls.	
	Number							Water	Oil
Pretest:									
Test:	200	8	11 1/2	178.4	9	1/2	180.1		1.7
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	<u>(Flange Taps)</u>		Differential:		Static Pressure:			
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover In. Water	Tester Pressure In. Merc.	Pressure (Psig or Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	4	.500			231	1.5	.652	80°
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fp)	Meter-Prover Press. (Pm)	Extension 1/nw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
1.228	245.4	245.4	19.18	1.238	.9813	1.022	

Gas Prod. MCFD: 29 Oil Prod. Bbls./Day: 1.7 Gas/Oil Ratio: 17,058 Cubic Ft. per Bbl.

The undersigned authority, on behalf of the State of Kansas, certifies that he is duly authorized to make the above report and that all data shown herein were obtained from the STATE CORPORATION COMMISSION as stated therein, and that said report is true and correct.

10th day of August 1987

OCT 22 1987

W. L. Patton

For Offset Operator

CONSERVATION DIVISION
 Wichita, Kansas

For Company

10-22-1987