

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT 15-181-20292-00-00

Form C-5 Revised

Conservation Division

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 4-12-93

Company: Falcon Expl. Inc. Lease: Query

County: Sherman Location: n2 sw nw Section: 21 Township: 6 Range: 37W Acres: 1

Field: MARMATON Reservoir: Pipeline Connection: NCRA

Completion Date: 7-10-92 Type Completion (Describe): 5003 Plug Back T.D.: Packer Set At

Production Method: spm 9 LS 54 Type Fluid Production: oil API Gravity of Liquid/Oil: 38

Flowing: Pumping Gas Lift: Casing Size: 4 1/2 Weight: I.D.: Set At Perforations: 4690 - 4700 To: 38

Tubing Size: 2 3/8 Weight: I.D.: Set At Perforations: 4700 To:

Pretest: Duration Hrs.

Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 4-11-93 Time 12:00 NOON Ending Date 4-12-93 Time 12:00 NOON 24

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	Barrels	Water Oil
Pretest:							
Test:	200 1964	3	11	4	1		3
Test:			6	0	8	0	40

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.	Psig or (Pd)	(hw) or (hd)	Gas (Gg) Temp. (t)
Orifice Meter							
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)

Gas Prod. MCFD Flow Rate (R): 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 12th day of April 1993

For Offset Operator: *Maurice Miller* For State: *Paul J Semming* For Company: *pumpers*