

Conservation Division

TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE: 9-30-92

Company Lease Well No. Anadarko Petroleum Corporation Morrison A-1

County Location Section Township Range Acres Maxton 660 FSL#1980 FEL 33 32 40

Field Reservoir Pipeline Connection Stirrup U. Morrow Centana Energy

Completion Date Type Completion (Describe) Plug Back T.D. Packer Set At 4-18-91 Single Oil 5387

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

Flowing Pumping Gas Lift Oil 39.1 @ 60°

Casing Size Weight I.D. Set At Perforations To 5.50 15.5 4.950 5428 5300 5304

Tubing Size Weight I.D. Set At Perforations To 2.375 4.70 1.995 5286

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 9-29-93 Time 9:30am Ending Date 9-30-93 Time 9:30am Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Separator Pressure Choke Size

Casing: 750 Tubing: 170 100 64/64

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	300	T23664	6	7 1/2	131.47	9	5 3/4	188.50	-0-	57.03
Test:										

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 9-29-93 Time 9:30am Ending Date 9-30-93 Time 9:30am Duration Hrs. 24

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections Orifice Meter Range

Line Taps: Flange Taps: Differential: 50 Static Pressure: 500

Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure			Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (Pd)			
Orifice Meter	3	2.00			120	3.3	.712	60
Critical Flow Prover								
Orifice Well Tester								

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GAS FLOW RATE CALCULATIONS (R)

Eff. MCFD (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension Vhw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Correction Factor (Fk)	Chart Factor (Fd)
21.86	134.4	21.060	1.185	1.000	1.000	

Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. Flow Rate (R): 546 Bbls./Day: 57.03 (GOR) = 9574 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 30th day of September 1993

For Offset Operator For State For Company

James R. Kaye David K. Nease

10-6-93 OCT 06 1993

RECEIVED STATE CORPORATION COMMISSION

Conservation Division Wichita, Kansas

Form C-5 (5/88)