

STATE OF KANSAS - CORPORATION COMMISSION

PRODUCTION TEST & GOR REPORT

15-175-21346-0000 Bev R Form C-5 Revised

Conservation Division

TYPE TEST: Initial## Annual Workover Reclassification TEST DATE: 1-14-93

Company ANADARKO PETRO. CORP. Lease UNDERWOOD Well No. A-3

County SEWARD Location 660 FEL 660 FSL Section 23 Township 34 Range 34 Acres

Field ADAMSON Reservoir CHESTER Pipeline Connection

Completion Date 12-2-93 Type Completion(Describe) SINGLE OIL Plug Back T.D. 6600 Packer Set At

Production Method: Type Fluid Production OIL & WATER API Gravity of Liquid/Oil 41.7 @ 60°

Flowing Pumping # Gas Lift Weight I.D. Set At Perforations To

Casing Size 5.500 Weight 15.50 I.D. 4.950 Set At 6700 Perforations 6506-09 To 6551-56

Tubing Size 2.375 Weight 4.70 I.D. 1.995 Set At 6482 Perforations To

Pretest: Starting Date 1-12-94 Time 8:30 a.m. Ending Date 1-13-94 Time 8:30 a.m. Duration Hrs. 24

Test: Starting Date 1-13-94 Time 8:30 a.m. Ending Date 1-14-94 Time 8:30 a.m. Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Casing: 36 Tubing: 36 Separator Pressure 18 S.L. - 86" Choke Size S.P.M. - 10.6

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	300	EAST	3	6	69.3	5	7	110.5	81.4	41.2
Test:	300	EAST	.5	7	110.5	7	8.2	152.2	80.1	41.7
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections Pipe Taps: Flange Taps: Orifice Meter Range Differential: Static Pressure:

Measuring Device	Run-Prover-Tester	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								
Critical Flow Prover								
Orifice Well Tester	2	.250				0		02-03-94

GAS FLOW RATE CALCULATIONS (R)

Gcoeff. (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): T.S.T.M. Oil Prod. Bbls./Day: 41.7 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 FOURTEENTH day of JANUARY 1994

For Offset Operator *M.A. Menden* For State *Michael Pord* For Company