

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-129-21144-8000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE:

Company Anadarko Petroleum Corp Lease USA Well No. K-2

County Morton Location 660 FSL & 660 FWL Section 02 Township 33 Range 40 Acres

Field Stirrup Reservoir Upper Morrow Pipeline Connection Anadarko Gathering Co.

Completion Date 12-2-92 Type Completion (Describe) Single Oil Plug Back T.D. 5529 Packer Set At

Production Method: Pumping Type Fluid Production Oil API Gravity of Liquid/Oil 40.5 @ 60°

Flowing Casing Size 5.50 Weight 15.5 I.D. 4.950 Set At 5229 Perforations 5276 To 5281

Tubing Size 2.375 Weight 4.70 I.D. 1.995 Set At 5268 Perforations - To -

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 11-12-96 Time 10:25 AM Ending Date 11-13-96 Time 10:25 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Separator Pressure Choke Size

Casing: 98 Tubing: 98

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	<u>300</u>	<u>8</u>	<u>6</u>	<u>6</u>	<u>168.94</u>	<u>11</u>	<u>1 1/2</u>	<u>221.37</u>	<u>5.84</u>	<u>52.43</u>
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. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc. (Psi or Pd)			
Orifice Meter	<u>3</u>	<u>1.25</u>		<u>9</u>	<u>29</u>	<u>.711</u>	<u>70°</u>
Critical Flow Prover					<u>01-06-97</u>		
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{h_w \times P_m}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>7.771</u>	<u>23.4</u>	<u>14.512</u>	<u>1.186</u>	<u>.9887</u>	<u>1.00</u>	

Gas Prod. MCFD 240 Oil Prod. Bbls./Day 52.43 Gas/Oil Ratio (GOR) = 4.579 Cubic Ft. Flow Rate (R) = 4579 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 15<sup>th</sup> day of November 1996

For Offset Operator Don Morgan For State Don Morgan For Company Don Morgan