

STATE OF KANSAS - CORPORATION COMMISSION

PRODUCTION TEST & GOR REPORT 15-129-21141-00-00

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 12-22-92

Company Anadarko Petroleum Corp. USA Lease Well No. A-D-1

County Morton Location 1980 FSL-660 FWL Section 11 Township 33 Range 40 Acres

Field Stirrup Reservoir Morrow Pipeline Connection

Completion Date 11-13-92 Type Completion(Describe) Single Oil Plug Back T.D. 5489 Packer Set At

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

Casing Size 5.50 Weight 15.50 I.D. 4.950 Set At 5489 Perforations 5392 To 5412

Tubing Size 2.375 Weight 4.70 I.D. 1.995 Set At 5364 Perforations To

Pretest: Starting Date 12-20-92 Time 10:00 am Ending Date 12-21-92 Time 10:00 am Duration Hrs. 24

Test: Starting Date 12-21-92 Time 10:00 am Ending Date 12-22-92 Time 10:00 am Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size						
Casing: <u>740#</u>	Tubing: <u>40#</u>	<u>32#</u>		<u>22/164</u>						
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	<u>300</u>	<u>2</u>	<u>6</u>	<u>5</u>	<u>127.31</u>	<u>12</u>	<u>11 1/2</u>	<u>257.98</u>	<u>-0-</u>	<u>136.67</u>
Test:	<u>300</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>45.66</u>	<u>7</u>	<u>10 3/4</u>	<u>156.86</u>	<u>-0-</u>	<u>111.20</u>
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps: <u>F</u>		Differential: <u>100</u>		Static Pressure: <u>250</u>			
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure In.Water	Meter-Prover-Tester Pressure In.Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>2</u>	<u>.500</u>			<u>17.1</u>	<u>60</u>	<u>.803</u>	<u>40</u>
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fp)	Meter-Prover Press. (Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>1.219</u>	<u>30.3</u>	<u>30.3</u>	<u>42.64</u>	<u>1.116</u>	<u>1.020</u>	<u>1.0</u>	<u>1.0</u>

Gas Prod. MCFD Flow Rate (R): 59.0 Oil Prod. Bbls./Day: 111.20 Gas/Oil Ratio (GOR) = 530 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 22nd day of December 1992

For Offset Operator

For State

For Company