

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division

15-175-21722-0000 Form C-5 Revised

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 11-24-98

Company: Anadarko Petro. Corp. Lease: Hatcher Well No.: C-1

County: Seward Location: 330 FNL + 330 FEL Section: 34 Township: 34 Range: 34 Acres: _____

Field: Archer Reservoir: ST. LOUIS Pipeline Connection: HUGW

Completion Date: 6-3-98 Type Completion (Describe): _____ Plug Back T.D.: 6650 Packer Set At: _____

Production Method: _____ Type Fluid Production: _____ API Gravity of Liquid/Oil: 42.2 @ 54°

Flowing (Pumping) Gas Lift _____

Casing Size	Weight	I.D.	Set At	Perforations	To
<u>5.5</u>	<u>15.5 #</u>	<u>4.95</u>	<u>6714</u>	<u>6534</u>	<u>6572</u>
Tubing Size	Weight	I.D.	Set At	Perforations	To
<u>2.375</u>	<u>4.7 #</u>	<u>1.995</u>	<u>6608</u>		

Pretest: Starting Date 11-22-98 Time 10:45 AM Ending Date 11-23-98 Time 10:45 AM Duration Hrs. 24

Test: Starting Date 11-23-98 Time 10:45 AM Ending Date 11-24-98 Time 10:45 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size					
Casing: <u>28</u>	Tubing: <u>28</u>									
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
<u>1.67</u>	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil	
Pretest:	<u>300</u>	<u>3854</u>	<u>6</u>	<u>1</u>	<u>121.91</u>	<u>7</u>	<u>5</u>	<u>148.63</u>	<u>46.76</u>	<u>26.72</u>
Test:	<u>300</u>	<u>3854</u>	<u>7</u>	<u>5</u>	<u>148.63</u>	<u>8</u>	<u>9</u>	<u>175.35</u>	<u>48.43</u>	<u>26.72</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 In. Water	Pressure In. Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>3.00</u>	<u>.750</u>	<u>✓</u>		<u>18.0</u>	<u>3.3</u>	<u>.952</u>	<u>69.4</u>
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>2.740</u>	<u>32.4</u>	<u>14.62</u>	<u>1.025</u>	<u>.9962</u>	<u>1.0</u>	

Gas Prod. MCFD Flow Rate (R): 41 Oil Prod. Bbls./Day: 26.72 Gas/Oil Ratio (GOR) = 1534 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 24th day of November 1998

Larry Winters
For State

Steve Baitell
For Company

For Offset Operator

RED
11-24-98

RMZ