

STATE OF KANSAS - CORPORATION COMMISSION

PRODUCTION TEST & GOR REPORT

15-129-21086-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE: 8-25-93

Company Lease Well No. *U.S.P.* X-1

Anadarko Petroleum Corp. Location Section Township Range Acres

County *Morton* Location *600 PBL + 400 FEL* Section *10* Township *33* Range *40* Acres

Field *Stirrup* Reservoir *Narrow D* Pipeline Connection *Centana Energy*

Completion Date Type Completion (Describe) Plug Back T.D. Packer Set At

7-25-91 *Single oil* *5692* -

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

Flowing *Pumping* *Gas Lift* *Oil* *38.7 @ 60°*

Casing Size Weight I.D. Set At Perforations To

5.50 *15.5* *4.950* *5692* *5340* *5348*

Tubing Size Weight I.D. Set At Perforations To

2.375 *4.70* *1.995* *5339* - -

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date *8-24-93* Time *10:00* Ending Date *8-25-93* Time *10:00* Duration Hrs. *24*

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Separator Pressure Choke Size

Casing: *500* Tubing: *200* *28/64*

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	<i>300</i>		<i>1</i>	<i>8</i>	<i>37.36</i>	<i>13</i>	<i>10</i>	<i>280.98</i>		<i>24362</i>
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections Orifice Meter Range

Pipe Taps: Flange Taps: Differential: *100* Static Pressure: *100*

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.			
Orifice Meter	<i>2</i>	<i>1.25</i>			<i>82.8</i>	<i>43</i>	<i>.691</i>
Critical Flow Prover							<i>60</i>
Orifice Well Tester							<i>09-28-03</i>

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (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)
<i>8.329</i>	<i>97.2</i>	<i>64.650</i>	<i>1.203</i>	<i>1.000</i>	<i>1.000</i>	

Gas Prod. MCFD Oil Prod. Gas/Oil Ratio (GOR) = *2655* *244* *28* *1993*

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, said report is true and correct. Executed this the 25 day of Aug. 1993

James R. Rapp
For State

Joe Daugherty
For Company

For Offset Operator

PRODUCTIVITY TEST
BARREL TEST

OPERATOR _____ LOCATION OF WELL _____
 LEASE _____ OF SEC. _____ T _____ R _____
 WELL NO. _____ COUNTY _____
 FIELD _____ PRODUCING FORMATION _____
 Date Taken _____ Date Effective _____
 Well Depth _____ Top Prod. Form _____ Perfs _____
 Casing: Size _____ Wt. _____ Depth _____ Acid _____
 Tubing: Size _____ Depth of Perfs _____ Gravity _____
 Pump: Type _____ Bore _____ Purchaser _____
 Well Status _____
 Pumping, flowing, etc. _____

TEST DATA

Permanent _____ Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping _____

STATUS BEFORE TEST:

PRODUCED _____ HOURS

SHUT IN _____ HOURS

DURATION OF TEST _____ HOURS _____ MINUTES _____ SECONDS

GAUGES: WATER _____ INCHES _____ PERCENTAGE

OIL _____ INCHES _____ PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) _____

WATER PRODUCTION RATE (BARRELS PER DAY) _____

OIL PRODUCTION RATE (BARRELS PER DAY) _____ PRODUCTIVITY

STROKES PER MINUTE _____

LENGTH OF STROKE _____ INCHES

REGULAR PRODUCING SCHEDULE _____ HOURS PER DAY.

COMMENTS _____

WITNESSES:

FOR STATE

FOR OPERATOR

FOR OFFSET