

STATE OF KANSAS - CORPORATION COMMISSION

PRODUCTION TEST & COR. REPORT

15-129-21117-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

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

County Morton Location 2016 Est 4 1949 Fwk Section 03 Township 33 Range 40 Acres

Field Stierup Reservoir Morrow D Pipeline Connection

Completion Date 6-11-92 Type Completion (Describe) Single oil Plug Back T.D. 5345 Packer Set At

Production Method: Pumping Gas Lift Type Fluid Production oil & water API Gravity of Liquid/Oil

Flowing Casing Size 5.50 Weight 15.5 I.D. 4.950 Set At 5392 Perforations 5240 To 5268

Tubing Size 2.375 Weight 4.70 I.D. 1.995 Set At 5296 Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 6-30 Time 10:00 AM Ending Date 7-1 Time 10:00 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure 35 Separator Pressure 24 Choke Size 64/64

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:										
Test:	<u>Flow Tester</u>		<u>23849</u>			<u>2405.8</u>		<u>209</u>	<u>16.7</u>	<u>192.3</u>

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections Flange Taps Orifice Meter Range 50 Static Pressure: 250

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							
Critical Flow Prover							
Orifice Well Tester	<u>2"</u>	<u>1.25</u>		<u>3.5"</u>	<u>35</u>		

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fp)	Meter-Prover Press. (Pm)	Extension $\sqrt{h_w \times P_m}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
	<u>8.329</u>	<u>49.4</u>	<u>13.149</u>	<u>1.2</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>

Gas Prod. MCFD 131 Oil Prod. 192 Gas/Oil Ratio (GOR) = 682 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 1st day of July 1992

James R. Rapp
For State

Joe Dougherty
For Company
Conservation Division
Wichita, Kansas
Form C-5 (5/88)

7-24-92

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

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

Company: Anadarko Petroleum Corp. Lease: USA Well No.: I-2

County: Morton Location: 2016 FSL 41949 Fwk Section: 03 Township: 33 Range: 40 Acres:

Field: Sticrup Reservoir: Morrow D Pipeline Connection:

Completion Date: 6-11-92 Type Completion (Describe): Single oil Plug Back T.D.: 5345 Packer Set At:

Production Method: Pumping Type Fluid Production: oil & water API Gravity of Liquid/Oil:

Flowing Casing Size: 5.50 Weight: 15.5 I.D.: 4.950 Set At: 5392 Perforations: 5240 To: 5268

Tubing Size: 2.375 Weight: 4.70 I.D.: 1.995 Set At: 5296 Perforations: To:

Pretest: Starting Date: Time: Ending Date: Time: Duration Hrs.:

Test: Starting Date: 6-30 Time: 10:00 AM Ending Date: 7-1 Time: 10:00 AM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure: Separator Pressure: Choke Size:

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:										
Test:	<u>Flow Tester</u>		<u>23849</u>			<u>24058</u>	<u>209</u>		<u>16.7</u>	<u>192.3</u>

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections: Orifice Meter Range: Differential: 50 Static Pressure: 250

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							
Critical Flow Prover							
Orifice Well Tester	<u>2"</u>	<u>1.25</u>		<u>3.5"</u>			<u>35</u>

GAS FLOW RATE CALCULATIONS (R)

Coeff. (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)
<u>8.329</u>	<u>49.4</u>	<u>13.149</u>	<u>1.2</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>

Gas Prod. MCFD: 131 Oil Prod. Ebls./Day: 192 Gas/Oil Ratio (GOR): 682

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 1st day of July 1992

For Offset Operator: James R. Kapp For State: Joe Dougherty For Company: Joe Dougherty

RECEIVED
 JUL 14 1992
 CONSERVATION DIVISION
 WICHITA, KANSAS

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

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 _____

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE: 11-12-97

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

County Morton Location 2011 FSL 1949 FWL Section 03 Township 33 Range 40 Acres

Field Stimrup Reservoir Morrow D-1 Pipeline Connection Anadarko Gathering Co.

Completion Date 6-11-92 Type Completion (Describe) Single Gas Plug Back T.D. 5345 Packer Set At

Production Method: Pumping Type Fluid Production Oil API Gravity of Liquid/Oil 35.2 @ 60°

Flowing Casing Size 5.5 Weight 15.5 I.D. 4.950 Set At S392 Perforations 5240 To 5262

Tubing Size 2.375 Weight 4.70 I.D. 1.995 Set At S296 Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 11-10-97 Time 10:00AM Ending Date 11-12-97 Time 10:00AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Separator Pressure Choke Size

Casing:	Tubing:	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
		Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water
Pretest:										
FIAT Test:	<u>300</u>	<u>3</u>	<u>4</u>	<u>65.65</u>	<u>4</u>	<u>6 1/2</u>	<u>89.84</u>	<u>11.91</u>	<u>24.19</u>	
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections Orifice Meter Range

Pipe Taps: Flange Taps: Differential: Static Pressure:

Measuring Device	Meter-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	<u>2</u>	<u>1.25</u>			<u>35</u>	<u>3.22"</u>	<u>.867</u>	<u>60°</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>8.329</u>	<u>49.4</u>	<u>12.612</u>	<u>1.074</u>	<u>1.000</u>	<u>1.000</u>	

Gas Prod. MCFD Flow Rate (R): 113 Oil Prod. Bbls./Day: 24.19 Gas/Oil Ratio (GOR) = 4.671 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 18th day of NOVEMBER 1997

For Offset Operator Darryl L. Winters For State Don Morgan For Company

ANADARKO PETROLEUM CORPORATION

PHONE 316 - 624 - 6253 1701 NORTH KANSAS AVE. P.O. BOX 351 LIBERAL, KANSAS 67905 - 0351



January 9, 1998

Kansas Corporation Commission
Conservation Division
Finney State Office Building
130 South Market, Rm 2078
Wichita, Kansas 67202

Attn: Jim Hemmen

Re: USA "T" No. 2
Sec. 03-33S-40W
Morton County, Kansas

Dear Mr. Hemmen:

Enclosed please find an annual Production Test and GOR Report (KCC Form C-5) for the referenced well. Please file accordingly.

Very truly yours,

A handwritten signature in black ink, appearing to read "Shawn D. Young".

Shawn D. Young
Division Production Engineer
JTC/sjc

Enclosure

cc: Well File
DMF

1-pttest.doc

RECEIVED
STATE CORPORATION COMMISSION

JAN 13 1998

CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division
 TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE: 11-12-97
 Company Amadarko Petroleum Corp Lease USA Well No. I-2
 County Morton Location 2011 FSL 1949 FWL Section 03 Township 33 Range 40 Acres
 Field Stimp Reservoir Morrow D-1 Pipeline Connection Amadarko Gathering Co.
 Completion Date 6-11-92 Type Completion (Describe) Single Gas Plug Back T.D. 5345 Packer Set At
 Production Method: Flowing Pumping Gas Lift Oil Type Fluid Production API Gravity of Liquid/Oil 35.2 @ 60°
 Casing Size 5.5 Weight 15.5 I.D. 4.950 Set At 5392 Perforations 5240 To 5262
 Tubing Size 2.375 Weight 4.70 I.D. 1.995 Set At 5294 Perforations To

Pretest: Starting Date 11-10-97 Time 10:00AM Ending Date 11-12-97 Time 10:00AM Duration Hrs. 24
 Test: Starting Date 11-10-97 Time 10:00AM Ending Date 11-12-97 Time 10:00AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
Bbls./In.	Tank Size	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
FIAT Test:	300	3	4	65.65	4	6 1/2	89.84	11.91	24.19
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections		Orifice Meter Range			Differential:		Static Pressure:	
Pipe Taps:	Flange Taps:							
Measuring Device	Meter-Prover-Tester Size	Orifice Size	Meter-Tester In. Water	Prover-Tester In. Merc.	Pressure (Pd) or (P)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	2	1.25				3.22"	.867	60°
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (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)
8.329	49.4	12.612	1.074	1.000	1.000	

Gas Prod. MCFD Flow Rate (R): 113 Oil Prod. Bbls./Day: 24.19 Gas/Oil Ratio (GOR) = 4.671 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 18th day of NOVEMBER 1997

For Offset Operator: Gary J. McIntyre For State: Don Moran For Company: Don Moran

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TEST DATE: _____

TEST TYPE: Initial Annual Workover Reclassification

Company: Quadarko Petroleum Corp Lease: USA I Well No.: 2

County: MORTON Location: 2016 FSL + 1949 FUL 3 Section: 33 Township: 40 Range: 33 Acres: 40

Field: Stirrup Reservoir: McKrow D-1 Pipeline Connection: Centana Energy

Completion Date: 6-11-92 Type Completion(Describe): Single Gas Plug Back T.D.: 5345 Packer Set At: _____

Production Method: _____ Type Fluid Production: Oil + Water API Gravity of Liquid/Oil: 35.2 @ 60

Flowing Pumping Gas Lift _____

Casing Size: 5.50 Weight: 15.5 I.D.: 4.950 Set At: 5392 Perforations: 5240 To: 5268

Tubing Size: 2.375 Weight: 4.70 I.D.: 1.995 Set At: 5296 Perforations: _____ To: _____

Test: _____ Duration Hrs. _____

Starting Date _____ Time _____ Ending Date _____ Time _____

Test: _____ Duration Hrs. _____

Starting Date 9-24-93 Time 10:00 Ending Date 9-25-93 Time 10:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing: <u>45</u> Tubing: <u>45</u>			Separator Pressure: <u>40</u>			Choke Size: _____			
Size/In.	Tank	Starting Gauge	Ending Gauge			Net Prod. Bbls.			
	Size Number	Feet Inches Barrels	Feet Inches Barrels			Water	Oil		
Test:									
Test:	<u>Plot 300</u>	<u>EAST 3</u>	<u>6 1/2</u>	<u>67.86</u>	<u>8</u>	<u>0 1/2</u>	<u>159.78</u>	<u>15.00</u>	<u>90.00</u>
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Type Taps: _____ Flange Taps: <input checked="" type="checkbox"/>			Differential: <u>100</u> Static Pressure: <u>250</u>					
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure In. Water	Pressure In. Merc.	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)	
Orifice Meter	<u>2</u>	<u>1.50</u>			<u>120</u>	<u>1.4</u>	<u>.867</u>	<u>60</u>
Orifice Meter								
Orifice Meter								

GAS FLOW RATE CALCULATIONS (R)

Eff. MCFD (b)(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>13.09</u>	<u>134</u>	<u>13.78</u>	<u>1.074</u>	<u>1.000</u>	<u>1.000</u>	—
Gas Prod. MCFD	Oil Prod. Bbls./Day:	Gas/Oil Ratio (GOR) =	Cubic Ft. per Bbl.			
<u>180</u>	<u>90.00</u>	<u>2000</u>				

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 this report is true and correct. Executed this the 30th day of Sept 19 93

For Offset Operator: James R. Rapp For State: _____ For Company: James R. Rapp

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 10-5-95

Company Amadarko Petroleum Corp. Lease USA Well No. I-2

County Morton Location 2011 FSL v 1949 FUL Section 3 Township 33 Range 40 Acres

Field Stirrup Reservoir MORROWD-1 Pipeline Connection Amadarko Gathering Co.

Completion Date 6-11-92 Type Completion (Describe) Single Gas Plug Back T.D. 5345 Packer Set At

Production Method: Pumping Type Fluid Production Oil + Water API Gravity of Liquid/Oil 35.2 @ 60'

Flowing Casing Size 5.5 Weight 15.5 I.D. 4.950 Set At 5392 Perforations 5240 To 5268

Tubing Size 2.375 Weight 4.70 I.D. 1.995 Set At 5296 Perforations To

Pretest: Starting Date 10/4/94 Time 8:45 AM Ending Date 10/5/94 Time 8:45 AM Duration Hrs. 24

Test: Starting Date 10/4/94 Time 8:45 AM Ending Date 10/5/94 Time 8:45 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure 65 Separator Pressure 38 Choke Size

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	<u>FLAT</u>	<u>300</u>	<u>10</u>	<u>4 1/2</u>	<u>206.39</u>	<u>12</u>	<u>10"</u>	<u>255.48</u>	<u>4.09</u>	<u>45.0</u>
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections X Orifice Meter Range 100 Static Pressure: 250

Measuring Device	Run-Prover-Tester Size	Orifice (Meter) Size	Prover-Tester Pressure		Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc. Psig or (Pd)			
Orifice Meter	<u>2</u>	<u>1.375</u>		<u>43.0</u>	<u>6.0</u>	<u>.867</u>	<u>60°</u>
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (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)
<u>10.460</u>	<u>57.4</u>	<u>18.558</u>	<u>1.074</u>	<u>1.000</u>	<u>1.000</u>	<u>—</u>

Gas Prod. MCFD 208 Oil Prod. Bbls./Day: 45.0 Gas/Oil Ratio (GOR) = 4.622 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 5 day of Oct 1994

For Offset Operator Albert L. Kempf For State Albert L. Kempf For Company Albert L. Kempf

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

Conservation Division

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

Lease No. _____

Operator: Laska Petroleum Corp. Location: USA

Section: 03 Township: 33 Range: 40 Acres: _____

Reservoir: Morton Pipeline Connection: _____

Completion Date: 6-11-92 Type Completion (Describe): Single oil Plug Back T.D.: 5345 Packer Set At: _____

Production Method: Pumping Type Fluid Production: oil & water API Gravity of Liquid/Oil: _____

Log Size	Weight	I.D.	Set At	Perforations	To
5.50	15.5	4.750	5392	5240	5268
2.375	4.70	1.995	5296		

Costs

Starting Date	Time	Ending Date	Time	Duration Hrs.
6-30	10:00 AM	7-1	10:00 AM	24

OIL PRODUCTION OBSERVED DATA

Running Wellhead Pressure	Separator Pressure	Choke Size
ng: <u>35</u>	Tubing: <u>24</u>	<u>64/64</u>

In.	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Barrels	Feet	Inches	Barrels	Water	Oil
1	<u>Flow Tester</u>		<u>23849</u>			<u>24058</u>	<u>209</u>	<u>16.7</u> / <u>192.3</u>

GAS PRODUCTION OBSERVED DATA

Taps		Orifice Meter Range		Differential	Static Pressure
Taps: <u>Flange Taps</u>		Orifice Meter Range: _____		Differential: <u>50</u>	Static Pressure: <u>2.50</u>

Running	Run-Prover-	Orifice Meter-Prover-Tester Pressure	Diff. Press.	Gravity	Flowing
ce	Tester Size	In. Water In. Merc. Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
ice					
ical					
Prover					
ice	<u>2"</u>	<u>1.25</u>	<u>3.5"</u>	<u>35</u>	

GAS FLOW RATE CALCULATIONS (R)

R. MCFD	Meter-Prover	Extension	Gravity	Flowing Temp.	Deviation	Chart
(Fp)(OWTC)	Press. (Psig) (Pm)	√hw x Fm	Factor (Fg)	Factor (Ft)	Factor (Fpv)	Factor (Fd)
<u>8.329</u>	<u>49.4</u>	<u>13.149</u>	<u>1.2</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>

Prod. MCFD Rate (R): 131 Oil Prod. Bbls./Day: 192 Gas/Oil Ratio (GOR) = 682 Cubic Ft. per Bbl.

I, James P. [Signature], designated 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 the report is true and correct. Executed this the 1st day of July, 1992.

For Offset Operator: _____ For State: _____ For Company: _____

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Observation Division

TEST TYPE: Initial Annual Workover Reclassification TEST DATE:

Company: Quadarko Petroleum Corp Lease: USA I Well No.: 2

County: MORTON Location: 2016 FSL + 1949 FUL 3 Section: 33 Township: 40 Range: 40 Acres:

Field: Stirrup Reservoir: McKROW D-1 Pipeline Connection: Centana Energy

Completion Date: 6-11-92 Type Completion (Describe): Single Gas Plug Back T.D.: 5345 Packer Set At:

Production Method: Pumping Gas Lift: Oil + Water API Gravity of Liquid/Oil: 35.2 @ 60

Flowing Size: 5.50 Weight: 15.5 I.D.: 4.950 Set At: 5392 Perforations: 5240 To: 5268

tubing Size: 2.375 Weight: 4.70 I.D.: 1.995 Set At: 5296 Perforations: - To: -

Test: Starting Date: 9-24-93 Time: 10:00 Ending Date: 9-25-93 Time: 10:00 Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure	Separator Pressure	Choke Size
Flowing: <u>45</u> Tubing: <u>45</u>	<u>40</u>	<u>-</u>

ls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Test:										
Start:	<u>Flot 300</u>	<u>EAST 3</u>	<u>6 1/2</u>	<u>67.86</u>	<u>8</u>	<u>0 1/2</u>	<u>159.78</u>	<u>15.00</u>	<u>90.00</u>	
End:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections	Orifice Meter Range
Tap: <u>Flange Taps: ✓</u> Differential: <u>100</u> Static Pressure: <u>250</u>	

Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure	Diff. Press.	Gravity	Flowing Temp.
	In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter	<u>2</u>	<u>1.50</u>	<u>120</u>	<u>1.4</u>	<u>.867</u>	<u>60</u>

RECEIVED
STATE CORPORATION COMMISSION
OCT 06 1993

GAS FLOW RATE CALCULATIONS (R)

Eff. MCFD	Meter-Prover Press. (Psia)	Extension	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Correction Factor (Fd)
(Fp)(OWTC)	(Pm)	√hw x Pm				
<u>13.09</u>	<u>134</u>	<u>13.78</u>	<u>1.074</u>	<u>1.000</u>	<u>1.001</u>	<u>-</u>

Gas Prod. MCFD	Oil Prod. Bbls./Day	Gas/Oil Ratio (GOR)	Cubic Ft. per Bbl.
<u>180</u>	<u>90.00</u>	<u>2000</u>	

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 this report is true and correct. Executed this the 30th day of Sept 19 93

For Offset Operator: [Signature] For State: [Signature] For Company: [Signature]