

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: _____

Company: McCoy Petroleum Corp. Lease: Ritter "A" Well No.: 1

County: Harper Location: W/2 SW-SE Section: 2 Township: 34S Range: 8W Acres: _____

Field: Wharton Pool Reservoir: Mississippian Pipeline Connection: _____

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

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

Flowing Pumping Gas Lift Oil-Gas-SW 32

Casing Size: 5 1/2" Weight: 14# I.D.: _____ Set At: 5350 Perforations: 4646-54 To: 4664-68 4672-78

Tubing Size: 2-1/16 Weight: 3.25# I.D.: _____ Set At: _____ Perforations: _____ To: _____

Pretest: _____ Duration Hrs.: _____

Starting Date: _____ Time: _____ Ending Date: _____ Time: _____

Test: _____ Duration Hrs.: _____

Starting Date: 9-1-90 Time: 8:00 Ending Date: 9-2-90 Time: 8:00 Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing:	<u>120</u>	Tubing:	<u>120</u>	<u>100</u>		<u>Open</u>			
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	<u>200</u>	<u>5</u>	<u>1</u>	<u>101.87</u>	<u>5</u>	<u>3-1/4</u>	<u>105.63</u>		<u>3.76</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.	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	
Orifice Meter	<u>3</u>	<u>1/2</u>			<u>90</u>	<u>.75</u>	<u>650</u> <u>60</u>
Critical Flow Prover							
Orifice Well Tester							<u>01-30-91</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>1.214</u>		<u>8.21</u>	<u>1.240</u>	<u>1.000</u>	<u>1.000</u>	<u>1.000</u>

Gas Prod. MCFD: _____ Oil Prod. Bbls./Day: 3.76 Gas/Oil Ratio (GOR) = 3287 Cubic Ft. per Bbl. _____

Flow Rate (R): 12,359

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 2 day of September 1990

For Offset Operator

For State

For Company

FEB 27 1991

02-27-91

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:

Company: McGee Petroleum Corp Lease: Ritter A Well No. 1

County: Haskell Location: W1/2 S15E Section: 7(2) Township: 34S Range: 8W Acres:

Field: Wharton Pool Reservoir: Mass Pipeline Connection: Koch - Peoples

Completion Date: 1-10-85 Type Completion (Describe): Perforations Plug Back T.D.: Packer Set At:

Production Method: Type Fluid Production: Oil-Gas-SW API Gravity of Liquid/Oil: 32

Flowing Pumping Gas Lift: Casing Size: 5 1/2 Weight: 14* I.D.: Set At: 5350.71' Perforations: 4445-4446-4447-4448 To: 4672-73

Tubing Size: 2 1/16 Weight: 3.75* I.D.: Set At: 5780 Perforations: See Model D @ 5780' To:

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

Test: Starting Date: 12-3-85 Time: 8:00 Ending Date: 12-4-85 Time: 8:00 Duration Hrs.: 74

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size			
Casing:	<u>125</u>	Tubing:	<u>125</u>	<u>115</u>		<u>Open</u>		
Bbls./In.	Tank	Starting Gauge			Ending Gauge		Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water Oil
Pretest:								
Test:	<u>700</u>	<u>5</u>	<u>6</u>	<u>110.77</u>	<u>5</u>	<u>10</u>	<u>116.90</u>	<u>67</u> <u>6.68</u>
Test:								

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps:	Orifice	Meter-Prover-Tester Pressure		Differential:	Static Pressure:		
Measuring Device	Run-Prover-Tester Size	Size	In. Water	In. Merc.	Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter		<u>1/2</u>			<u>115</u>	<u>5</u>	<u>.650</u>	<u>60</u>
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fp)	Meter-Prover Press. (Pm)	Extension (hw x Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>1.714</u>			<u>73.98</u>	<u>1.240</u>	<u>1.000</u>	<u>1.000</u>	

Gas Prod. MCFD: 36.098 Oil Prod. Bbls./Day: 6.68 Gas/Oil Ratio (GOR) = 5403 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 3 day of December 1985

For Offset Operator

STATE CORPORATION COMMISSION
For State

For Company

FEB. 10 1986

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company McCoy Petroleum Corporation Lease Ritter "A" Well No. 1

County Harper Location W/2 SW SE Section 2 Township 34S Range 8W Acres

Field Wharton Pool Reservoir Mississippian Pipeline Connection Koch - Peoples

Completion Date 1-10-85 Type Completion (Describe) Perforations Plug Back T.D. Packer Set At

Production Method: Type Fluid Production API Gravity of Liquid/Oil 32

Flowing Pumping X Gas Lift Oil-Gas-SW

Casing Size 5-1/2" Weight 14# I.D. 5350' Set At 4646-4654' Perforations 4664-4668' To 4672-4678'

Tubing Size 2-1/16" Weight 3.25# I.D. 5260' Set At Model D Perforations To

Pretest: Starting Date 9-18-92 Time 8:00 Ending Date 9-19-92 Time 8:00 Duration Hrs. 24

Test: Starting Date 9-18-92 Time 8:00 Ending Date 9-19-92 Time 8:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size					
Casing:	<u>107</u>	Tubings:	<u>107</u>		<u>98</u>				
					<u>Open</u>				
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	<u>200</u>	<u>1</u>	<u>2</u>	<u>23.38</u>	<u>1</u>	<u>4-1/2</u>	<u>27.55</u>		<u>4.17</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.	Psig or (Pd)			
Orifice Meter	<u>3</u>	<u>1/2</u>			<u>87</u>	<u>.9</u>	<u>.650</u>	<u>60</u>
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psla)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>1.214</u>		<u>8.85</u>	<u>1.240</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>

Gas Prod. MCFD 13.32 Oil Prod. 4.17 Gas/Oil Ratio 3.19 Cubic Ft. per Bbl.

Flow Rate (R): 13.32 Bbls./Day: 4.17 (GOR) - 3.19

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 19 day of Sept. 19 92

For Offset Operator

For State

For Company

RECEIVED COMMISSION

NOV 6 1992

COMMISSION

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-077-20827-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company MMA Petroleum Corporation Lease River A Well No. 1

County Hopper Location W 1/2 SW 34 Section 7 Township 34S Range 8W Acres 1

Field Wharton Pool Reservoir MISSION Pipeline Connection

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

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

Flowing Pumping Gas Lift Oil-Gas-Sol 32

Casing Size 5 1/2 Weight 14# I.D. 5350.71 Set At 4141.54 Perforations 4144-48 To 4177-78

Tubing Size 2 1/4 Weight 3.75# I.D. 5280 Set At 5280 Perforations 5280 To 5280

Pretest: Duration Hrs.

Starting Date Time Ending Date Time

Test: Duration Hrs.

Starting Date 10-2-86 Time 8:00 Ending Date 10-3-86 Time 8:00 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Separator Pressure Choke Size
 Casing: 125 Tubing: 125 115 Open

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	<u>700</u>		<u>5</u>	<u>6</u>	<u>110.72</u>	<u>5</u>	<u>10</u>	<u>116.90</u>	<u>167.34</u>	<u>6.68</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.	Psig or (Pd)			
Orifice Meter	<u>3</u>	<u>1/2</u>			<u>115</u>	<u>1</u>	<u>1.650</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>1.214</u>		<u>10.72</u>	<u>1.740</u>	<u>1.000</u>	<u>1.000</u>	

Gas Prod. MCFD Oil Prod. Bbls./Day Gas/Oil Ratio (GOR) = 2415 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 3 day of October 1986

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

NOV 14 1986