

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-095-00702-0000

R

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: McCoy Petroleum Corp. Lease: Palmer "B" Well No.: 1

County: Kingman Location: NW NW NW Section: 16 Township: 28S Range: 5W Acres:

Field: Reservoir: Mississippians Pipeline Connection: Peoples-Permian

Completion Date: 6-26-51 Type Completion(Describe): Open Hole Plug Back T.D.: TD @ 3809' Packer Set At:

Production Method: Flowing Pumping X Gas Lift Type Fluid Production: Oil-Gas-SW API Gravity of Liquid/Oil:

Casing Size: 5 1/2" Weight: 14# I.D.: Set At: 3805' Perforations: To:

Tubing Size: 2-3/8" Weight: I.D.: Set At: Perforations: To:

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

Test: Starting Date: 12-28-90 Time: 8:00 Ending Date: 12-29-90 Time: 8:00 Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	Tubing:									
Bbls./In.	Tank Size	Number	Starting Gauge		Ending Gauge			Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	250		3	11	78.49	4	1/2	80.99		2.50
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	Flowing	
			In.Water	In.Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter							STATE CO.	12-28-90
Critical Flow Prover			Rotary Meter				1.1230	1991
Orifice Well Tester							CONSERVATION DIVISION	

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press.(Psia)(Pm)	Extension /hw x Fm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
Gas Prod. MCFD	Oil Prod. Bbls./Day:	Gas/Oil Ratio (GOR) =	Cubic Ft. per Bbl.			
Flow Rate (R): 21,000	2.50	8400				

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 29 day of December 1990

For Offset Operator: \_\_\_\_\_ For State: \_\_\_\_\_ For Company: *Jeffrey O. Dyer*

FEB 27 1991  
 CONSERVATION DIVISION  
 Wichita, Kansas

2-27-91

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-095-00 702-0000 NP ✓  
 Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company McCoy Petroleum Corporation Lease Palmer "B" Well No. 1

County Kingman Location NW NW NW Section 16 Township 28S Range 5W Acres

Field Reservoir Mississippians Pipeline Connection Peoples - Permian

Completion Date 6-26-51 Type Completion (Describe) Open Hole Plug Back T.D. 3809' Packer Set At

Production Method: Flowing Pumping X Gas Lift Type Fluid Production Oil-Gas-SW API Gravity of Liquid/Oil

Casing Size 5-1/2" Weight 14# I.D. 3805' Set At Perforations To

Tubing Size 2-3/8" Weight 4.7# I.D. Set At Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 10-16-91 Time 8:00 Ending Date 10-17-91 Time 8:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	50	Tubing:	50	40		Open				
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	250		8	3	165.33	8	6	170.34		5.01
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 In. Water	Tester Pressure In. Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover				Rotary Meter			
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)

Gas Prod. MCFD Flow Rate (R): 34.000 Oil Prod. Bbls./Day: 5.01 Gas/Oil Ratio (GOR) = 6.786 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 17th day of October 1991

STATE CORPORATION COMMISSION

For Offset Operator

For State

OCT 24 1991

*Jeffrey A. Dye*  
 For Company

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT 15-095-00702-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:  
 Lease Well No. 1  
 Company McCoy Petroleum Corporation Palmer "B"  
 County Kingman Location NW NW NW Section 16 Township 28S Range 5W Acres  
 Field Reservoir Mississippians Pipeline Connection Peoples - Permian  
 Completion Date 6-26-51 Type Completion(Describe) Open Hole Plug Back T.D. 3809' Packer Set At  
 Production Method: Type Fluid Production Oil-Gas-SW API Gravity of Liquid/Oil  
 Flowing Pumping X Gas Lift  
 Casing Size 5-1/2" Weight 14# I.D. Set At 3805' Perforations To  
 Tubing Size 2-3/8" Weight 4.7# I.D. Set At Perforations To

Pretest: Duration Hrs.  
 Starting Date Time Ending Date Time  
 Test: Duration Hrs.  
 Starting Date 8-5-92 Time 9:30 Ending Date 8-6-92 Time 9:30 Duration 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	50	Tubing:	50		18	Open				
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	250		6	9	135.27	7	0	140.28		5.01
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								
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)
	23.00		5.01		4.59	
Gas Prod. MCFD Flow Rate (R):		Oil Prod. Bbls./Day:		Gas/Oil Ratio (GOR) =		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 6 day of Aug. 19 92

For Offset Operator

For State

RECEIVED  
 For Company  
 STATE CORPORATION COMMISSION

NOV 6 1992

CONSERVATION DIVISION  
 Topeka, Kansas

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-095-00702-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: Lease

Company McCoy Petroleum Corporation Palmer "B" Well No. 1

County Kingman Location NW NW NW Section 16 Township 28S Range 5W Acres

Field Reservoir Mississippians Pipeline Connection Peoples - Permian

Completion Date 6-26-51 Type Completion(Describe) Open Hole Plug Back T.D. 3809' Packer Set At

Production Method: Flowing Pumping X Gas Lift Type Fluid Production Oil-Gas-SW API Gravity of Liquid/Oil

Casing Size 5-1/2" Weight 14# I.D. Set At 3805' Perforations To

Tubing Size 2-3/8" Weight 4.7# I.D. Set At Perforations To

Pretest: Starting Date 6-1-93 Time 8:00 Ending Date 6-2-93 Time 8:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	50#	Tubing:	50#	20#		Open				
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	200		8	4-1/2	167.84	8	7-1/2	172.85		5.01
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								
Critical Flow Prover			NOV		Rotary Meter			
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)

Gas Prod. MCFD 28.000 Oil Prod. Bbls./Day: 5.01 Gas/Oil Ratio (GOR) = 5.588 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 2 day of June 1993

For Offset Operator NOV 10 1993 For State [Signature] For Company [Signature]

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-095-00702-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:  
 Lease

Company McCoy Petroleum Corporation Palmer "B" Well No. 1

County Kingman Location NW NW NW Section 16 Township 28S Range 5W Acres

Field Reservoir Mississippiian Pipeline Connection Peoples - Permian

Completion Date 6-26-51 Type Completion(Describe) Open Hole Plug Back T.D. 3809' Packer Set At

Production Method: Flowing Pumping X Gas Lift Type Fluid Production Oil-Gas-SW API Gravity of Liquid/Oil

Casing Size 5-1/2" Weight 14# I.D. Set At 3805' Perforations To

Tubing Size 2-3/8" Weight 4.7# I.D. Set At Perforations To

Pretest: Starting Date 10-1-94 Time 8:00 Ending Date 10-2-94 Time 8:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size					
Casing: 50#	Tubing: 50#	25#		Open					
Bbls./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.			
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	200	1	7	31.73	1	10	36.74		5.01
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							
Critical Flow Prover					ROTARY METER		
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)

Gas Prod. MCFD Flow Rate (R): 28,000 Oil Prod. Bbls./Day: 5.01 Gas/Oil Ratio (GOR) = 5,588 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 2 day of Oct. 19 94

For Offset Operator For State For Company

STATE OF KANSAS - CORPORATION COMMISSION

PRODUCTION TEST & GOR REPORT 15-095-00702-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: \_\_\_\_\_  
 Lease \_\_\_\_\_

Company McCoy Petroleum Corporation Palmer "B" Well No. 1  
 County Kingman Location NW NW NW Section 16 Township 28S Range 5W Acres \_\_\_\_\_  
 Field Reservoir Mississippiian Pipeline Connection Peoples - Permian  
 Completion Date 6-26-51 Type Completion(Describe) Open Hole Plug Back T.D. 3809' Packer Set At \_\_\_\_\_  
 Production Method: \_\_\_\_\_ Type Fluid Production Oil-Gas-SW API Gravity of Liquid/Oil \_\_\_\_\_  
 Flowing Pumping X Gas Lift  
 Casing Size 5-1/2" Weight 14# I.D. \_\_\_\_\_ Set At 3805' Perforations \_\_\_\_\_ To \_\_\_\_\_  
 Tubing Size 2-3/8" Weight 4.7# I.D. \_\_\_\_\_ Set At \_\_\_\_\_ Perforations \_\_\_\_\_ To \_\_\_\_\_

Pretest: \_\_\_\_\_ Duration Hrs. \_\_\_\_\_  
 Starting Date \_\_\_\_\_ Time \_\_\_\_\_ Ending Date \_\_\_\_\_ Time \_\_\_\_\_  
 Test: \_\_\_\_\_ Duration Hrs. \_\_\_\_\_  
 Starting Date 10-1-95 Time 8:00 Ending Date 10-2-95 Time 8:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size					
Casing: 50#	Tubing: 50#	25#			Open					
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	250		1	4	26.72	1	6-1/2	30.90		4.18
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. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover				ROTARY METER			
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Gcoeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)	Extension (Pm) /hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD \_\_\_\_\_ Oil Prod. Bbls./Day: 4.18 Gas/Oil Ratio (GOR) = 6,937 Cubic Ft. per Bbl. \_\_\_\_\_  
 Flow Rate (R): 29,000

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 2 day of October 19 95

For Offset Operator \_\_\_\_\_ For State \_\_\_\_\_ For Company \_\_\_\_\_

CONSERVATION DIVISION  
 MICHIGAN KANSAS

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-095-00702-0000

Form C-5 Revised

Conservation Division

TYPE TEST:	Initial	Annual	Workover	Reclassification	TEST DATE:
Company	McCoy Petroleum Corporation			Palmer "B"	Well No. 1
County	Kingman	Location	NW NW NW	Section 16	Township 28S Range 5W Acres
Field	Reservoir		Mississippian		
Completion Date		Type Completion(Describe)		Plug Back T.D.	Packer Set At
6-26-51		Open Hole		3809'	
Production Method:		Type Fluid Production		API Gravity of Liquid/Oil	
Flowing Pumping X Gas Lift		Oil-Gas-SW			
Casing Size	Weight	I.D.	Set At	Perforations	To
5-1/2"	14#		3805'		
Tubing Size	Weight	I.D.	Set At	Perforations	To
2-3/8"	4.7#				

Pretest:					Duration Hrs.
Starting Date	Time	Ending Date	Time		
Test:					Duration Hrs.
Starting Date	9-1-96	Time 8:00 AM	Ending Date 9-2-96	Time 8:00 AM	24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	50#	Tubing:	50#	25#		Open				
Bbls./In.	Tank		Starting Gauge			Ending Gauge		Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	200		7	1	141.95	7	4	146.96		5.01
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. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover					ROTARY METER		
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)
Gas Prod. MCFD	Oil Prod. Bbls./Day:	Gas/Oil Ratio (GOR) =	Cubic Ft. per Bbl.			
Flow Rate (R): 35,000	5.01	6,986				

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 Sept 19 96

For Offset Operator

For State

For Company

RECEIVED  
 KANSAS CORP COM  
 15-095-00702-0000

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-095-05702-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: McCoy Petroleum Corporation Lease: Palmer "B" Well No. 1

County: Kingman Location: NW NW NW Section: 16 Township: 28S Range: 5W Acres:

Field: Reservoir: Mississippian Pipeline Connection: Peoples - Permian

Completion Date: 6-26-51 Type Completion(Describe): Open Hole Plug Back T.D.: 3809' Packer Set At:

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

Flowing Pumping X Gas Lift

Casing Size: 5-1/2" Weight: 14# I.D.: Set At 3805' Perforations: To

Tubing Size: 2-3/8" Weight: 4.7# I.D.: Set At Perforations: To

Pretest: Duration Hrs.

Starting Date Time Ending Date Time

Test: Duration Hrs.

Starting Date 9-12-97 Time 8:00 AM Ending Date 9-13-97 Time 8:00 AM 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size	
Casing:	Tubing:	Casing:	Tubing:	Casing:	Tubing:
35	35		25		

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	200		7	3	145.29	7	6	150.30		5.01
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-In.Water	Tester Pressure In.Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover					ROTARY METER		
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)

Gas Prod. MCFD: 25,000 Oil Prod. Bbls./Day: 5.01 Gas/Oil Ratio (GOR) = 4,990 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 13 day of Sept. 19 97

For Offset Operator: NOV 19 1997 For State: For Company: